1906 CATALOGUE No. 145 1906

$50,000,000.00

Louisiana Purchase Exposition

ST. LOUIS MO.

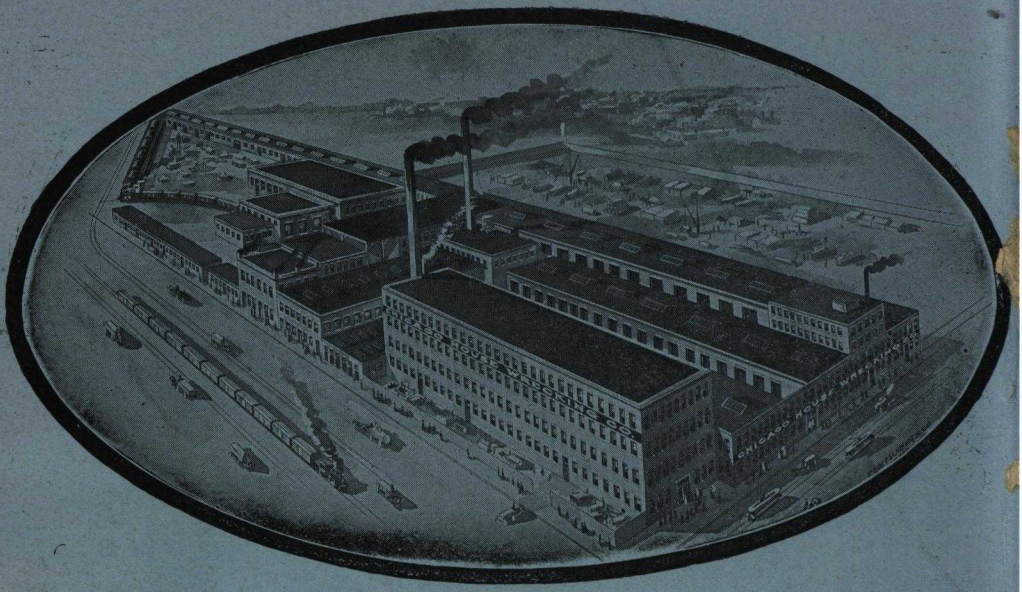


BOUGHT BY THE

CHICAGO HOUSE WRECKING CO.

MAIN OFFICE AND YARDS
35TH AND IRON STS
CHICAGO ILL.

ST. LOUIS OFFICE AND YARDS
EXPOSITION GROUNDS
ST. LOUIS MO.



Bird's-eye View of Our Plant.

WM H. BRINTNALL, President
JOHN BROWN, Vice President

WM A. TILDEN, Cashier
GEO M BENEDICT, Asst. Cashier

DROVERS DEPOSIT NATIONAL BANK

UNION STOCK YARDS,

CAPITAL & SURPLUS $750,000.

Chicago, Ill.

TO WHOM IT MAY CONCERN

We take pleasure in testifying to the responsibility of the CHICAGO HOUSE WRECKING COMPANY who is a customer of this bank and who are incorporated under the laws of the State of Illinois, and have a fully paid up capital and surplus of $350,000.00.

They are the leading establishment of their kind in the world, occupying large quarters, and employing a great number of people.

The Officers are personally known to us, and we know them to be first class business men who will carry out their agreements. We commend them to the business public, feeling sure that any contracts or[illegible]ed at the [illegible]t classes [illegible]ct police they may enter into, will be entirely satisfactory.

Yours truly,

[illegible]
Ca[illegible]

THE WORLD'S FAIRS

At St. Louis and Chicago and the Expositions of Buffalo and Omaha

BUILT AT A COST OF $90,000,000

WERE PURCHASED BY US

We are the foremost dismantlers and purchasers of large institutions in the World

We have purchased the following large Public and Private Buildings ∴ The Chicago Post Office and Sub-Treasury ∴ The Cleveland Post Office and Case Building ∴ The Weddel House, Cleveland, O. ∴ The Mackaye Spectatorium. The Four Seasons Hotel, Harrogate, Tenn.

OUR NEW MERCHANDISE

A large percentage of the material listed in this catalogue, was bought by us at Sheriffs', Receivers', Trustees' and Assignees' Sale. We purchase any manufactured article that can be obtained at low enough figures, thereby giving our customers the opportunity of purchasing new goods at second hand prices. ∴ ∴ ∴

CAPITAL STOCK AND SURPLUS $1,000,000

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ICAGO HOUSE WRECKING CO.

35th and Iron Streets :: :: :: :: CHICAGO

Our Gigantic Operations.

THE CHICAGO HOUSE WRECKING CO. performs an extraordinary and unique function in the mercantile world and redirects to the channels of industry enormous quantities of highly valuable material. Our operations embrace not only the United States, but Europe and Asia as well, where we are known as the "Great Bargain House" of the world. We are supreme in our line, have no competitors, and pursue original and unique methods in securing the supplies we place upon the markets of the earth.

We were organized in 1892 for the purpose of purchasing the **World's Columbian Exposition** at **Chicago** in **1893.** We dismantled this **$38,000,000** magnificent exposition, with its miles of palatial and gigantic structures. Turning the millions upon millions of tons of valuable material into marketable product. Just imagine what this means and you will appreciate our tremendous operations. A veritable city with its miles upon miles of streets and buildings, built of the most costly material known to the architectural and sculptor's art, and you will get some idea of what this Company has accomplished.

The Louisiana Purchase Exposition.

Our latest gigantic transaction was the purchase of the entire $50,000,000 **Louisiana Purchase Exposition,** which covered twice the area of the World's Fair at Chicago and it was four times as large as the last World's Fair of Paris France. You, who have visited this fair, with its beautiful buildings and architecture, its countless attractions and visible grandeur, its water works and sewer systems, roads, streets and walks, having an area of 1,240 acres, equaling a city of 50,000 inhabitants, but of a vastly better character, will appreciate the magnitude of our undertaking. Everything used in its construction was the best to be obtained in the markets of the world. It was built as a monument to the progress of the twentieth century, and the enormous amount of high class material used in its construction was marvelous. Our fame as buyers and sellers of gigantic institutions being world wide, it was only natural that the directors of this Fair should negotiate with us for the dismantling ot the entire exposition.

From this marvelous exposition we obtained **100,000,000 feet of lumber,** thousands of tons of railroad and structural iron, miles upon miles of piping, millions of pounds of copper wire, acres of roofing material of every kind, and enormous quantities of plumbing material of every conceivable description, besides hundreds of thousands of dollars worth of goods, too numerous to mention.

We have from 1,200 to 1,500 experienced dismantlers employed at the fair ground in St. Louis, taking down, assorting and listing the different classes of material. Besides two complete fire departments and a perfect police organization.

In 1897 we bought up the **Trans-Mississippi Exposition** of Omaha, Neb. It was an exhibition of colossal architecture, and built at a cost of **$2,500,000.** We dismantled it and turned the enormous quantities of material again into the channels of industry.

The Pan-American Exposition of **Buffalo, N. Y.,** cost the citizens of that city, **$8,750,000.** This magnificent spectacle, was purchased by us and the enormous quantities of building material were added to our extensive stock.

The Chicago P. O. and Sub-Treasury whose original cost was **$7,000,000,** also the **Cleveland P. O.,** passed through our hands and found a place again in the World's markets.

In addition to the above, we have purchased many other famous institutions and public buildings, including the **Weddell House** in **Cleveland, Ohio,** and the **Four Seasons Hotel** at **Harrogate, Tenn.**

Tremendous as is the scope of these gigantic business deals, we still further enlarged our field of operations until it is now practically an unlimited one. Where there are large **Sheriffs', Receivers', Assignees', or Manufacturers' Sales,** there our numerous wide awake representatives are on the alert to secure for us stocks of **General Merchandise** of every nature and description. We are, therefore, buyers and purveyors of everything from a needle to a locomotive.

The key-note of our business success is economy and the reduction of waste to a minimum.

To the Economical Buyer

It means that we are in an unparalled position to offer you the greatest bargains on earth. Our sales are perpetual and unending. Our lumber, sash, doors and roofing material can be purchased at an enormous saving. The lumber is well seasoned and is superior to the new product that is on the market. On the bulk of our material, the wear and tear, has been so slight as to be a negligible factor in considering the purchase. There is a small fortune for the contractor in a big deal, by doing business with us.

To those who contemplate furnishing a home or office will find our supply of household goods and office fixtures inexhaustible. We have a magnificent collection of **Persian** and **American Rugs** in various weaves of grace and beauty, **Parlor** and **Bed Room Suits,** in high grade **solid oak** and **mahogany finish, Steel Ranges** and **Base Burners,** plain and heavily nickel plated. In office supplies we have a very large stock of handsome, **solid oak Roll Top Desks** that we secured with our purchase of the **St. Louis Fair.** Besides a complete assortment of **handsome Rotary Leather-Seated Office Chairs.**

From a book of less than 100 pages to catalogue our stock on hand, a few years ago, this book of 500 pages does not begin to list the thousands of articles, the tons upon tons of merchandise of every nature and description, which by our agency are redistributed to the world. No matter what it is you want, we can furnish it to you. Though this is an incomplete list it will greatly assist you in selecting your bargains. Keep it by you. Consult it often. Keep posted. Then act promptly. Our bargains do not need to go a-begging. Don't wait until they are all disposed of. Just the thing you need most, may be had from us at an incredibly low price today. Tomorrow some one else may have carried off the prize, and you must wait or purchase elsewhere at a disadvantage.

The CHICAGO RECORD-HERALD, June 14, 1905, published the following article by America's leading newspaper correspondent—William E. Curtis:

LAYING FAIR IN RUINS

Wreckers Engaged in Interesting Task on St. Louis Exposition Site.

PILE UP IN A GREAT HEAP

Buying and Selling of Material Involves Millions, Says William E. Curtis.

BY WILLIAM E. CURTIS.

[SPECIAL TO THE RECORD-HERALD.]

ST. LOUIS, June 13.—It is almost as much of a job to get rid of a big exposition as it is to create one, and it is even more fun to watch the wreckers tearing down a building than it is to see the builders put one up. Destruction is more entertaining than creation in many lines of activity, particularly to those who destroy—as, for instance, Admiral Togo.

There is a melancholy aspect to the question, a pathetic and a profound sense of regret, to see magnificent buildings torn to pieces; $17,000,000 worth of architectural triumphs razed from the face of the earth. Of course, the St. Louis people had to get Chicago men to do it—the Chicago House Wrecking Company, the same that pulled down the government building at Chicago some years ago and removed what the fire left of "the White City." They also destroyed the buildings of the Omaha and Buffalo expositions. It took them eighteen months to clear away the ruins from Jackson Park and nine months each to demolish the Buffalo and Omaha expositions. Here they have two years in which to do the job, beginning with the latter part of March, when the exposition officials moved out, and the wreckers moved in their force of 1,200 experienced men. They have a complete fire department and police organization and are very strict about smoking around the grounds, because they lost several thousand dollars at Chicago by the burning of the Manufactures and other buildings, which, they say, were set on fire by the strikers.

People are allowed to go about the grounds, however, and there are a great many visitors. Many of them come from curiosity; many more are buyers in search of bargains, and they are sent to the Transportation building, where is the biggest junk shop you ever saw—a regular department store in which the wreckers have gathered and classified the articles which have been taken from the interior of the buildings and other small portable merchandise, all of which is for sale at trifling prices. The catalogue of these articles contains 120 pages, with the different classes of articles arranged alphabetically. The first article on the list is an aerial fire truck, the next fire alarm boxes, and the third the ambulances that ran to the Emergency hospital, while the last items are woven wire mattresses, wrenches and wrought iron pipe.

Between these extremes is every portable article that belonged to the Exposition Company, taken from all the buildings purchased by the wreckers, and the prices at which they are sold are ridiculous.

* * *

The wrecking company paid $450,000 for everything within the grounds, including the fence—excepting a few of the foreign and state buildings. They paid $600 for the Ohio building, which cost $175,000, and $3,330 for the Pennsylvania building, which cost $300,000, including all the furniture, carpets and other equipments. They paid $600 for the German building, which cost over $100,000, and were much disappointed when they discovered that all of the beautiful decorations on the walls and ceilings were painted on canvas and had been sent back to Germany. But there is said to be more than $600 worth of copper on the roof and dome, so that the contractors will probably come out even. They bought most of the other State buildings, also, for nominal prices.

* * *

When the wreckers tear down one of the big buildings they start at the topmost pinnacle and work gradually downward. After they have removed all the towers and ornaments and slid them to the ground in chutes, they uncover the ridge pole and take off the roof. The same gang of men have done this sort of work so long that they do it very rapidly and

with comparative ease. As fast as an object reaches the ground it is seized by other workmen and carried to its proper place. Very little is wasted. All of the staff is carefully saved, and 90,000 tons of it have already been sold to the Pittsburg Plate Glass Company at a dollar a ton. It will be ground up and worked over into plaster. Three million pounds of copper wire, which originally cost the Exposition Company $900,000, has also been secured. It is the most profitable item. Every foot of it is carefully inspected, it is reeled up on the original spools, which were preserved, and the larger part of it is as good as new. The wreckers have about a million electric bulbs, which they are disposing of in lots to dealers and contractors in that sort of supplies. There are 125,000 bulbs on the Varied Industries building, and there were nearly 200,000 on the Electrical building, inside and out. About 900 carloads of sewer pipe have been taken up from the soil and it is all being cleaned and inspected, ready to be offered for sale; 2,000 car loads of lumber have already been shipped to various parts of the country, and several hundred carloads of doors and windows have been sold to contractors who are building factories, warehouses and other cheap structures. Forty-five miles of railroad iron have been sold to a suburban trolley railroad company in Illinois. 100,000 ties at 30 cents each, which cost 50; 400 tons of spikes for 1¼ cents each, which cost 2 cents each, and 3,000 telegraph or trolley poles for $9, which cost $12 each. The trestle work on the intramural road has also been disposed of.

* * *

The Horticultural, Agricultural and the Forestry, Fish and Game buildings have all been torn away, and nothing remains to mark where they stood except enormous piles of lumber, which are being carefully sorted over and trimmed at a sawmill, buzzing away at the very spot where the big ears of corn were displayed. There were 11,000,000 feet of timber and lumber in the Agricultural building, of which about 80 per cent. was recovered in commercial sizes. The bigger the building the less the lumber is cut. Three million feet of lumber were saved from the Horticultural building, and Mr. Harris, the manager for the wrecking company, tells me that they will save, altogether, about 90,000,000 feet, which will sell for $11 a thousand and upward. Lumber that has been badly used and is full of nails is cut into short lengths for fuel and other purposes. Lumber is the greatest item of salvage, and from that alone the wreckers expect to reimburse themselves for all they paid to the Exposition officials. They are shipping about twenty-five carloads a day to Texas, and hope to make a contract with the Panama Canal commission. The fencing around the grounds is about fifteen miles long, and that, of course, is valuable for similar purposes.

* * *

There is an enormous quantity of construction iron in the buildings, but none of it has thus far been sold. The big arches of the Manufactures building at Chicago were sold for a steamship pier in New York, but were made worthless by the fire and had to go to the scrap-heap. Out of the other buildings at Chicago, however, came a big steel mill near Pittsburg, the car shops at Harvey, near Chicago, and several of the buildings in Dowie's town of Zion, near Waukegan. The biggest Catholic church in Milwaukee, belonging to a Polish congregation, in care of Father Krutza, was built from the wreckage of the Chicago postoffice. The Illinois Theater at Chicago, is built of it also. The buildings of the shipbuilding plant at Fore River, Mass., came out of the Buffalo Exposition, as did the shops of the Lamb Wire and Fence Company, at Adrian, Mich.

The wreckers paid $80,000 for the Chicago buildings; they paid $90,000 for those at Buffalo and $60,000 for those at Omaha and made a profit, and they expect to make big money here. Most of their business is done by correspondence. People write to them for everything imaginable. Mr. Harris got a letter the other day from an old lady out West who asked him to send her a souvenir of the Exposition—something she could keep and hand down to her children. She said that even a nail would be welcome.

There are four brothers in the company, sons of M. Harris, one of the early settlers of Chicago, who lived in that city sixty years until he died four years ago. They, like their father, are natural Yankee traders, and will buy anything on a speculation that is offered them if they can get it at their price.

At the close of the Chicago Exposition they bought the Ferris Wheel for $9,000, although originally it cost several hundred thousand. They spent $175,000 to take it down and set it up again at St. Louis, and now they are negotiating with a syndicate that proposes to remove it to Coney Island, New York.

WILLIAM E. CURTIS.

The Extent of Our Plant



WE are situated on the south bank of the Chicago River, 5 minutes' ride from the Union Stock Yards. We occupy 25 acres of land. Our plant is the most extensive of its kind on earth.

Our main warehouse is a building 150 ft. frontage by 600 ft. in length, and is 61 ft. in height. It is equipped with traveling cranes and all modern improvements. It is constructed entirely of steel, iron and brick. We give employment to an army of people.

We have extensive shops for preparing for the market, the various merchandise we secure—machine shops, boiler shops, furniture repair shops, renovating establishment, pipe threading department, steam fitting department, etc., etc.

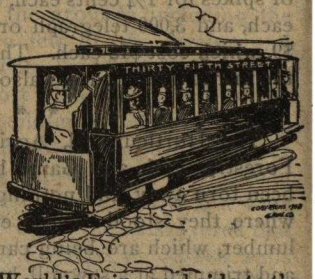
You will find our establishment full of interest to visitors.



Come and See Us

Probably our hardest occupation is to correctly describe the vast quantities of material in our possession. Nearly every one exclaims after visiting our establishment "we had no idea what an enormous institution this is, and what a large amount of material you have for sale." The fact of the matter is, that no one could correctly depict such an institution. It is Dickens' "Old Curiosity Shop" on a **tremendous scale.** You will enjoy your visit to our plant and it will constitute as great a novelty as you have ever experienced. You will find that we have under-drawn the picture of everything. Therefore, when you are in Chicago, be sure to call and see us. We will at all times extend to you the right hand of good fellowship, and whether you purchase or not it will afford us pleasure to give you a trip through our plant.

If you are in the market for any considerable quantity of material, it will pay you to make a special trip to call and see us. We will make it worth your while, and you will be well satisfied. We will be equally as pleased to have you call and see us at St. Louis. Your visit will give you an opportunity to see the wonderful methods employed in dismantling the greatest exposition in the world's history.



How to Reach Our Plant

When you are in Chicago, you can reach our plant from the center of the city by taking any of the surface lines running south from the center of the city. After you pay your fare be sure to ask the conductor for a transfer. Get off at 35th street and transfer west, or you can take the elevated road to 35th street and then take the surface line going west. It passes in front of our doors; any conductor knows where our plant is.

When you are in St. Louis take the Olive street car—marked World's Fair—and ride to the Lindell entrance of the World's Fair. We have our representatives at the gate, who will give you proper attention.



Confession

As an evidence of our human proclivities, we sometimes make mistakes. Try as we will to protect ourselves and our patrons from them, and preach to our employes as hard as we are capable of, they yet occur. It is an earthly failing common to all

"To err is human, to forgive Divine." Yet we seek not forgiveness so much as we call upon you for patience.

Should we make an error that causes you to suffer, think then of your own failings and tell us of all the facts in plain, unabusive language.

Our mistakes will promptly be rectified. If not you can then "jump" on us to your heart's content.

ALL INQUIRIES ARE GIVEN PROMPT ATTENTION.

Terms



OUR terms are strictly net spot cash f. o. b. cars Chicago. Material subject to prior sale. Do not take offense if we ask you to send us cash in advance. If you don't want to send us the full amount with your order, send us at least 25 per cent on account; the balance to be paid C. O. D. We are perfectly responsible for your money, and it will avoid an endless amount of investigation on our part, and also much delay. Any money sent us in excess of your order will be promptly refunded.

We buy our goods for cash—very often n advance, and we, therefore, see no reason why anyone should take offense at our request.

We guarantee all our goods to be exactly as represented, and if you receive any material that is not as represented, hold same subject to our order and notify us of this fact. Under no circumstances are we responsible for any damage beyond the price of the goods. No charge for repairs or expense required for defective goods or occasioned by them will be allowed without our authority. If the goods received from us were represented as perfect and proved defective, the measure of damage will be the price of the defective article in question.

Responsibility

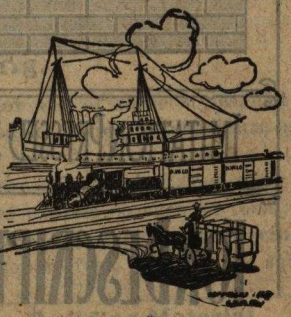


We are thoroughly responsible, and if you are unacquainted with us or have never done any business with us, all you need to do is to look up our rating in any of the Commercial Agencies or ask your banker. Or, if you want more positive proof, we give you authority to write to the **Drovers' Deposit National Bank, Union Stock Yards, Chicago,** who are acquainted with us and who will answer any inquiries; provided you enclose a 2 cent stamp for their reply.

We have a paid-in capital stock and surplus of $1,000,000.00. Any representations that we make will be faithfully lived up to.

Our Shipping Facilities

We have perfect shipping facilities. Our Chicago plant is located on the line of the Chicago Junction Railway which is a belt line system and connects with every trunk line leaving Chicago. At St. Louis we have railroad tracks running throughout the grounds. We can, therefore, take good care of carload orders. We have railroad tracks laid through our main warehouses and buildings. On account of our large shipping facilities, we can secure the very best rates.



We have a splendid Traffic Department and will be very glad to answer any and all inquiries with reference to railroad matters. If any material received from us reaches destination in damaged condition do not accept same without having the agent mark on the expense bill the extent of the damage, and if you wi l do this, we will protect all legitimate claims.

STEEL AND IRON ROOFING, SIDING AND CEILING

The following represent the grades that we have for sale at the present time.

BRAND NEW MATERIAL.

No. 10. Light, strictly new, perfect, high grade, semi-hardened steel sheets; the best material ever offered you for the money. The sheets when flat are 24 inches in width and either 6 or 8 feet in length. This material is painted red two sides before shipment. This material when furnished in Corrugated, "V" crimped or Standing Seam is 22 inches in width, and we charge only for the actual size of the sheets ready for shipment.

Price per square:

Flat	$2 00
Corrugated, "V" Crimped or Standing Seam	2 10

No. 11. Description exactly the same as the No. 10, with the exception that these plates are considerably heavier and are extra hard and suitable for long service.

Price per square:

Flat	$2 25
Corrugated, "V" Crimped or Standing Seam	2 35

No. 12. We offer you the same grade as the No. 11 roofing noted above, with the exception that it is the highest grade galvanized sheets on the market. They will last a lifetime and no superior covering can be purchased. The sheets are exactly the same size as the Nos. 10 and 11 grades.

Price per square:

Flat	$3 90
Corrugated, "V" Crimped or Standing Seam	4 00

No. 5. Tinned steel, new sheets, consisting of what is known as Waster sheets. They are irregular in size and of different thickness. We cannot accept orders for specified size sheets. They range about 10x20 inches up to about 20x28 inches. We furnish this roofing in corrugated or flat only. The sheets are not absolutely perfect, but they will make a first-class grade of cheap roof covering or siding.

Price per square:

Flat	$1 80
Corrugated	1 85

No. 15. Exactly the same as the No. 10, except that the size of the sheets is 24 inches x 24 inches flat; when corrugated or "V" crimped, 22 inches x 24 inches. It is brand new, painted red two sides.

Price per square:

Flat	$1.75
Corrugated, "V" Crimped or Standing Seam	1.85

BEADED SIDING AND CEILING.

This material is made from the best quality semi-hardened steel sheets, painted two sides Our cut (page 6) shows the style that we furnish. It is adapted for all purposes such as Public Halls, Warehouses, Factories, Stores, etc., etc.

The sheets when beaded cover 22 inches from center of outside bead, and are furnished in 6 and 8 foot lengths. These beads are small corrugations 5/8 inches wide by 3/8 inches deep. No special tools are necessary in applying this material. The sheets should be lapped one or two inches at the end and over one crimp at the sides. They can be put on either perpendicular or horizontally, and can be laid directly on studding or boards placed the proper distance apart, or it can be put on over old plaster.

This Material is Brand New.

Price per square: $2.25

Samples mailed on application.

A Square Means 100 Square Feet.

Steel and Iron Roofing, Siding and Ceiling—Continued

SECOND HAND STEEL COVERING.

We also have a limited quantity of good sec ond hand roofing and siding for sale as follows:

No. 3. Second hand iron in promiscuous size sheets only, furnished in flat or corrugated. Has an occasional nail hole. Especially adapted for siding purposes. Usually comes in very heavy gauges, running from about 20 to 24 This iron is asphaltum dipped.

Price per square, Flat.....$2.10
" " " Corrugated..... 2.15

No. 31-2. Second hand iron, exactly the same description as No. 3, but free from nail holes and edges nicely trimmed.

Price per square, Flat.....$2.30
" " " Corrugated..... 2.35

No. 4. Second hand galvanized, unpainted. Comes in flat or currugated only. Promiscuous size sheets. This is a very good roofing, most of it 20 and 24 gauge.

Price per square, Flat.....$3.10
" " " Corrugated..... 3.15

No. 6. Second hand steel, asphaltum painted, comes in flat, corrugated or "V" crimped. Sheets are 5½ ft. long by about 2 ft. in width. Made of No. 24 gauge, in good condition.

Price per square, Flat.....$2.55
" " " Corrugated..... 2.60
" " " "V" Crimped..... 2.70

STEEL PRESSED BRICK SIDING.

BRAND NEW.

Made of the best grade of annealed sheet steel, and is an excellent imitation of pressed brick; easy to apply and rich and handsome in appearance. Each sheet is painted red both sides before shipment.

Price per square.....$2.25

Extra for Nails, Paint, etc.

All prices on Steel and Iron Roofing, Siding and Ceiling, are made without nails, paint, "V" sticks or tin cleats. We charge extra for these items as follows:

Nails per square.....$0.05
"V" Sticks for under "V" Crimped Roofing, per square..... .10
Tin Cleats for use in laying standing Seam Roofing, per square..... .10
Dry paint, either Red or Black, per square .05
Ready Mixed Roofing Paint, in buckets of 5 or 10 gallons, Red or Black, per gallon .44
In 1 gallon cans, per gallon..... .55
In half barrels of 25 gallons, per gallon. .37
In barrels of 50 gallons, per gallon..... .33
Lead Washers, per square .... .10
(One gallon of this ready mixed paint is enough for 2½ squares, one coat one side).

Special Freight Prepaid Notice.

All steel and Iron Roofing, Siding and Ceiling, quoted on pages 8 and 9, except the second hand, described on this page (prices on which are F. O. B. Chicago,) will be shipped freight prepaid to all points East of Colorado, not including Oklahoma, Texas and Indian Territory. Ask for freight prepaid prices to all other points. Do not confuse this proposition with any other section of our catalogue, as all other prices quoted in this book are strictly F. O. B. cars Chicago.

DIRECTIONS FOR APPLYING PRESSED STANDING SEAM ROOFING.

Snip and then turn end locks with jointer by bending one end of sheet up and the other down. Commence laying at right hand corner and eave of building. Flatten right hand cap of first course and lay left hand cap to a chalk line. Let the bottom sheet project over eave and end of building 1 inch or more. Bend down projecting portion of sheet and nail to the end and eve of building, or if there are fire walls turn sheet up 4 to 6 inches, nail securely and counter-flash. Use two cleats on ends and one every 12 or 14 inches on sides. Continue laying the sheets until upper part of roof is reached. If a comb roof, allow 1 inch on one side and 2 inches on the opposite side to form a standing seam along the ridge.

Start next course (with the piece, if any, which was cut from the last sheet laid at comb) with flanges of sheets overlapping the first course, press down, turn the ends of cleats over, and then press the seam together with tongs; this finishes seam. Continue until roof is covered.

The comb is made by turning up one side 1 inch and the other side 2 inches, first flattening standing seam for 6 or 8 inches back from comb. Anchor the 1-inch side with cleats, and then turn the 2-inch side over the 1-inch, fold the cleat back over the top and press together with tongs. This makes standing seam along the comb. Hips are made in the same way after cutting to the right angle.

HOW TO LAY THE CORRUGATED IRON ROOFING.

Begin to lay the sheets from the eaves, the first covering the lower left hand corner projecting one corrugation over the side and from 2 to 4 inches over the eaves. Hammer the projecting side corrugation down against the edge of the sheathing, nailing it in place. Nail across the sheet near the eaves through the tops and alternate corrugations.

Place second sheet to the right of the first, lap over one corrugation of the first sheet and with the same amount of eave projections. Nail the sheets where they lap and directly perpendicular through tops of the corrugation and about 8 inches apart. Nail also left to right across the entire length of the roof, then begin at the right to lay the second row in the same manner as first and so continue until the entire roofing is laid.

When nailing across the lower ends of the sheets in the second row, put the nails so they will pass through both the first and second row, etc.

HOW TO LAY THE CORRUGATED SIDING.

Begin at the left hand corner in applying the corrugated from base to cornice, giving the sheets from 1 to 2-inch lap at the end and one corrugation lap at the side. Nail side lap every 6 inches and end lap in every other corrugation with 2½-inch corrugated, and in every third corrugation with 1¼-inch corrugated, driving the nails through the top of the corrugation. Care should be taken that the iron is kept a few inches from the ground. It is usually best to have the base-board 6 to 12 inches wide partially covered with plain iron for the bottom.

HOW TO LAY THE "V" CRIMPED ROOFING.

This material may be laid over sheathing, shingles, etc., or laid on directly to the rafters. Our Nos. 10, 11 and 12 grades are 22 inches from center to center. It can be used on any roof having a pitch of more than 2 inches to the foot. The ends of the sheets can either be lapped from 1 to 3 inches or put together with lock joint. To make the lock joint, take a pair of tinner's snips and cut in ⅝-inch near the crimp, and on each end of the sheet, turn one end under and one end over, and when placed together on the roof, put the joint down closer.

In laying the material, begin at the left hand corner of the eave and end of the building, and lay the sheets from the eave to the ridge, and nail through the crimp every 8 inches. At the end laps, use four nails to the lap.

FOR PUTTING ON BRICK SIDING OVER SHEATHING.

Take a level and chalk line and strike level of the building.

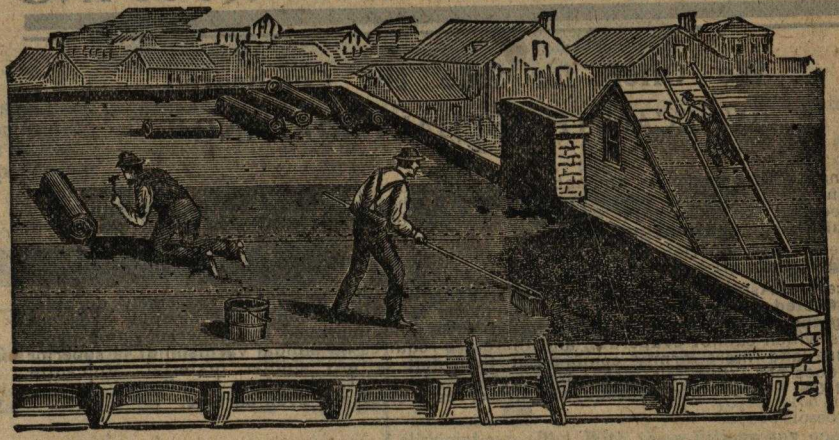
Place a sheet of siding at one corner of the building, allowing the end to extend 2 feet past the corner so that the cross grooves are immediately over the corner, the lower edge of the sheet resting on the chalk line.

Nail the sheet fast to the wall through the grooves sufficiently to hold it fast and to bring it down solid all the way along. Begin at the middle of the sheet to nail and work toward ends and sides, placing nails two or three bricks apart. Never nail through the brick.

Bend the projecting 2 feet around the corner (if projects) with the hands or with a piece of board, using a mallet slightly to bring down any uneven places.

Lay around the building until you meet the commencement. Place the first sheet of the second tier over the first so as to break joints perfectly as in brick work, leaving the half groove at the bottom of the sheet lap over the first and fit closely in the half groove at the top of the first sheet.

TARRED ROOFING FELT.



"EAGLE" BRAND PREPARED ROOFING.

Composed of two and three sheets of carefully saturated felt, and between sheets is a layer of water proof, insoluble cement. This combination of felt and cement is forced between steam rollers of great weight, thus making a solid, flexible sheet, with the layers of composition thoroughly combined. It is practically fireproof against sparks and cinders. It can be put on over old shingles, tin, iron or slate roofs, without removing the old roof. It can be applied without previous experience, requiring no special tools. It is 32 inches wide, about 40 feet long, and each roll contains 108 square feet.

Lot No. 2—Two-ply Roofing Felt complete with cement, caps and nails sufficient to lay. $1.05
Price per roll ..... .60
Per roll without cement, caps or nails 1.25

Lot No. 3—Three-ply Roofing Felt complete with cement, caps and nails. Per roll ..... .90
Per roll without cement, caps or nails

BUILDING PAPER.

Lot No. 4—Red rosin-sized Sheating Paper, put up 500 feet to a roll, 36 inches wide, smooth finish, durable and waterproof. $0.50
Per single roll ..... .45
In lots of 10 rolls

Lot No. 5—Royal Parchment Building Paper, water proof, vermin proof, damp proof, wind proof and dust proof. Each roll contains 500 square feet. It can be painted or whitewashed. This material is new, but the wrappers on some of the rolls are somewhat shopworn. $1.05
Price per roll 1.00
Price per roll in lots of 5 rolls

Lot No. 8—Slaters' Roofing Felt, put up in rolls 36 inches wide, each roll containing 500 square feet. Weighs about 35 lbs. to the roll. Price per roll $0.75

ROOFING CEMENT.

Prices on Roofing Cement put up in the following packages:

One gallon cans, including can $0.35
Two " " " " ..... .55
Three " " " " ..... .75
Five " " " " 1.15
Ten " " " " 2.10
One-half bbl. (25 gals.), including barrel 3.75
One bbl. (50 gals.), including barrel 6.25

All cans and barrels are well made, are very strong, and can be used again for various other purposes.

TIN CAPS.

Per pound, large size $0.06

BARBED WIRE ROOFING NAILS.

Per pound $0.05

If You Find Yourself in Need of Advice as to Style Required, Write Us.

VULCANITE ASPHALT ROOFING

We Offer for Sale the Celebrated "VULCANITE ASPHALT ROOFING"

Owing to the enormous amount of trouble and expense connected with the annual varnishing (or tarring) of roofs covered with felt, the public have for the past number of years been on the lookout for some other cheap roofing material—something which will not require their constant attention.

Since the introduction of Vulcanite Asphalt for Roofing purposes it is universally acknowledged that a great want has been supplied.

Vulcanite Asphalt is the best cheap roofing material known; is extremely durable; is not affected by heat or cold; is easily fixed; is always pliable and flexible; does not stick together in the rolls; is impregnated with, and improved by, superior damp-proof materials which cannot evaporate, and therefore requires no annual varnishing; is superior in texture and more firmly compressed than felt or any similar material. Vulcanite Asphalt does not (like felt) absorb moisture; it cannot, therefore, be affected by the ACTION OF FROST, and consequently preserves a close and even surface.

Finished with Flint on Both Sides---Fireproof

It is in rolls, each containing 108 square feet, 32 inches wide and 40 feet 6 inches long.

Vulcanite being a bituminous, horn-like and elastic substance, while retaining its elasticity, becomes in course of time of a metallic hardness.

Price per square, including Tin Caps, Nails and one quart of cement for the laps $1.75

GALVANIZED RUBBER ROOFING

The Highest Grade of Ready Roof Covering Made.
No Coating Necessary. Practically Indestructible.

WATER PROOF--FIRE PROOF--LIGHTNING PROOF

GALVANIZED RUBBER ROOFING

We are offering you the very best grade of roofing covering ever manufactured. We have an enormous quantity of this material for sale. It is absolutely brand new and put up in original rolls just as it came from the factory. Its base is the best and strongest wool felt obtainable, closely woven and especially made to meet severe roofing conditions. You need have no fear or hesitancy in placing your order with us for this material. It is water proof, weather proof, acid proof, fire resisting, and the best ready-to-lay material manufactured. There is no tar, asphaltum or paper used in its manufacture. Each fibre of this material is completely saturated with acid and fire proof compound, and it is practically indestructible. To give you an idea of its quality we will mail you a sample on request.

Our prices are per square, and not per roll. Do not make any mistake on this point. Unlike most roofing coverings, it does not require a coating after it is on the roof. However, if it is painted about once every three to five years it will last longer.

Put up in rolls 36 inches wide, containing 216 square feet, or enough to lay 2 squares. Each roll complete with nails, caps and sufficient cement to make the laps.

PRICES ARE PER SQUARE

One ply, weighing about 16 pounds, per square - - - - - -	$1.60
Two " " " 21 " " " - - - - - -	2.40
Three " " " 30 " " " - - - - - -	2.75

Let Us Make You a Proposition on Heating Your Building with Steam or Water.

GALVANIZED IRON CONDUCTOR PIPE.



Always on hand in plain and corrugated, in 10 foot lengths. In ordering state kind wanted, plain or corrugated.

Size in inches	2 in.	3 in	4 in.	5 in	6 in.
Price per length	36 c.	42c	56c	70c	85c

GALVANIZED IRON EAVE TROUGHS.

In 10-foot lengths—new.



Size	3 in.	3½ in.	4 in.	5 in.	6 in.
Price, per length	30c	31c	32c	44c	53c



GALVANIZED IRON ELBOWS.

Size, inch	2	3	4	5	6
Each	12c	14c	18c	23c	27c

EAVE-TROUGH CORNERS.



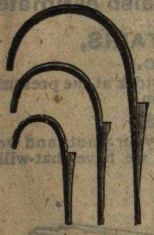
Made complete, ready for use. Always state if bead is to be inside or out. Illustration above shows corner with inside bead.

Size, inch	3½	4	5	6
Each	18c	21c	22c	25c

WIRE EAVE-TROUGH HANGERS.

Size	Per doz.
3½ in	$0.24
4 "	.26
5 "	.28
6 "	.30





CONDUCTOR HOOKS, TINNED.

For fastening conductor to side of house.

2 in	Per doz.	$0.17
3 in	"	.23
4 in	"	.34
5 in	"	.45
6 in	"	.56

FITTINGS FOR EAVE-TROUGHS.



(A) shows section of eave trough fitted with outlet (C) soldered on and the end closed with slip-joint cap (B). With these fittings any one can easily put up trough and conductor pipe. The only soldering necessary is that required to fit drop outlet (C) to eave trough.

GALVANIZED END CAPS.

End cap (B) made with slip-joint, and can be used either right or left.

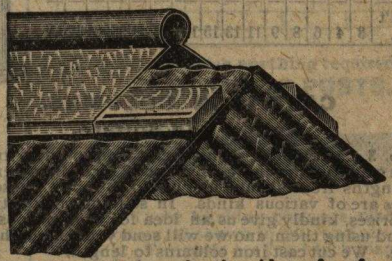
Size, 3½ in.	Each	$0.06
Size, 4 in.	Each	.08
Size, 5 in.	Each	.09
Size, 6 in.	Each	.10

GALVANIZED DROP OUTLETS.

Outlets (C). These are formed and made up ready to solder in trough. We do not furnish them attached to trough.

Size, 2 in.	Each	$0.04
Size, 3 in.	Each	.05
Size, 4 in.	Each	.06
Size, 5 in.	Each	.07
Size, 6 in.	Each	.08

GALVANIZED RIDGE ROLL.



A neat waterproof cap for the ridge of roofs. 10-ft. lengths. We do not furnish cut lengths. Price is for Galvanized Ridge Roll only. Does not include wood strip as shown in illustration.

Size of Roll.	Width of Apron.	Girt.	Per ft.
1½ in.	2 in.	8 in.	4 c.
2 in.	2½ in.	10 in.	4¾c.
3 in.	3½ in.	15 in.	7 c.

ROOFING BRUSHES.



No. 42. 2 knot new brushes, made expressly for applying roofing cement.

Each.....$0.63

No. 43. 3 knot new brushes.

Each.....$0.82

ROOFER'S SNIPS.



For use with our Steel Roofing.

Cast Iron Snips.

Lot No. 1. Length of Cut, 2½ inches.....Each, $0.20
" " 3 " ..... " .28

Forged Steel Snips—Guaranteed.

Lot No. 2. Length of Cut, 2½ inches.....Each, $0.68
" " 3 " ..... " .72

STRUCTURAL IRON MATERIAL.

When you need any structural iron material, do not purchase until you have given us an opportunity to figure with you. Our dismantling operations are of a very large character, and it is but natural that our stock of such material is extremely heavy. Anything in the line can be had of us on short notice and at very low prices.

Special Work—cutting to length, punching and iron work of any kind—is given close attention. Send us your diagrams and blue prints for our estimates. **Quick Delivery and Low Prices.**



WROUGHT IRON TUBULAR COLUMNS.

No. 1. Hollow steel columns with cast iron removable caps and bases. In diameters from 3 to 10 inch. Extensively used for almost every purpose. A perfect substitute for cast iron columns. They are hollow, and where desired can be filled with a mixture of concrete, sand and other material, which makes practically a solid stone column with an outside wrought iron jacket.

The average weight per foot, of these columns, is as follows:

Size, Inches.....	3	3½	4	5	6	7	8	9	10
Weight per foot in lbs.....	4½	6	7½	10	13	18	23	27	35



WROUGHT IRON COLUMNS WITH SCREWED FLANGES.

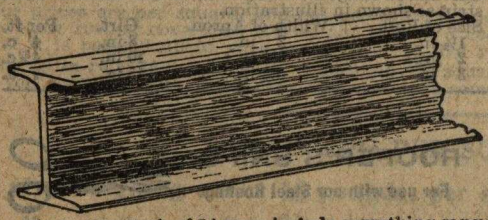
No. 2. A complete stock, in all sizes, from 1¼ to 14 inch diameter. This material is put up in first class shape. The columns are thoroughly overhauled and in straight lengths and have new threads with new cast iron flanges screwed on. The flanges have bolt holes punched where desired. We can furnish them in lengths from 3 to 16 ft. The average weight per pound, as follows:

Size in	1¼	2	2½	3	3½	4	4½	5	6	7	8	9	10	12	14
Wei't ft,	3	4	6	8	9	11	13	15	19½	24	29	35	42	52	61

CAST IRON COLUMNS. Round and Square.

No. 3. A complete stock of cast iron columns, in first class condition, ranging from 4 to 12 inch diameter, and in lengths from about 6 foot up to 16 foot. These columns are of various kinds. In sending your estimate for prices, kindly give us an idea for what purpose you intend using them, and we will send you list of what we have. We cut cast iron columns to length.

"I" BEAMS.



No. 4. Our stock of I beams include everything ranging in size from 3 to 24 inch, and lengths from 3 to 40 ft. We cut beams to length, also drill to order.

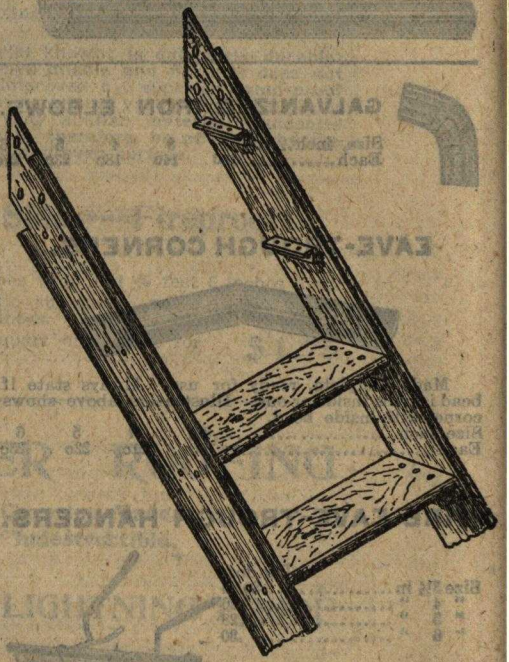
BEAM PLATES.

No. 5. Beam plates to fit any beam ordered.

STEEL TRUSSES.

No. 6. Send us sketch of your needs and we will quote low prices.

IRON STAIR STRINGERS.



Ny. 7. Like cut, made to order, any length desired2 Can be made in any width stringers desired, from 4 to 1 inch. We furnish them complete with brackets for fastening to wood tread, as shown in cut. The iron work only is supplied by us. **We will also estimate on platforms.**

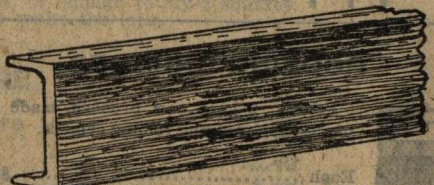
CIRCULAR IRON STAIRS, For Banks, Etc.

No. 8. We have three of these in stock at the present time. If interested ask for description.

STORE FRONTS.

No. 9. Send us memorandum of your wants and we will make you quotations on such as we have that will fill your requirements.

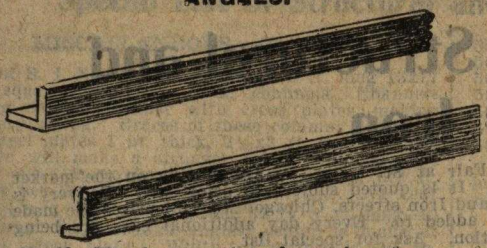
CHANNELS.



No. 10. Our stock of channels include everything ranging in size from 3 to 24 inch, and lengths from 3 to 40 ft. We cut channels to length and drilled.

PRICES FURNISHED ON APPLICATION.

ANGLES.



No. 11. We have angles of equal and unequal lengths; sizes from ½x½ to 8x8. Angles cut to length.

TEES.

No. 12. From 1 to 5 inch. A complete stock always on hand.

DECK BEAMS.



No. 13. Our stock of deck beams include everything ranging from 3 to 24 inch in size, and lengths from 3 to 40 ft. We cut deck beams to length and drilled.

RAILS.

No. 14. Light and heavy sectional rails, cut to length, for building purposes.

STEEL AND IRON PLATES.

No. 15. Can furnish any size plate desired; thickness ranging from ⅛ to ⅝ inch. Plates cut to length and special work. Send in your diagram for our estimate.

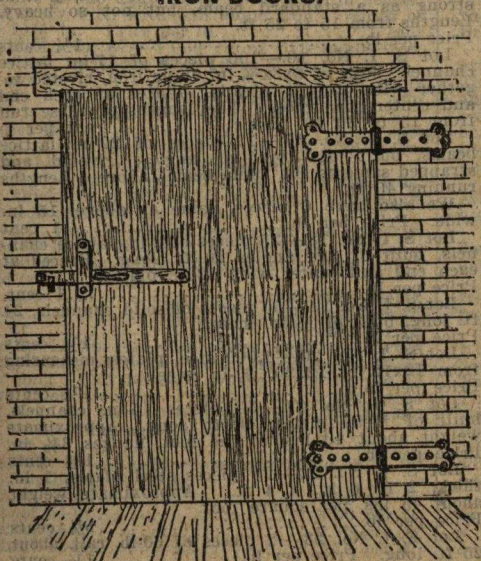
IRON RODS.

No. 16. All sizes from ⅛ to 2 inch, and any length desired. We thread to order and furnish, where wanted, with nuts complete.

TURN BUCKLES.

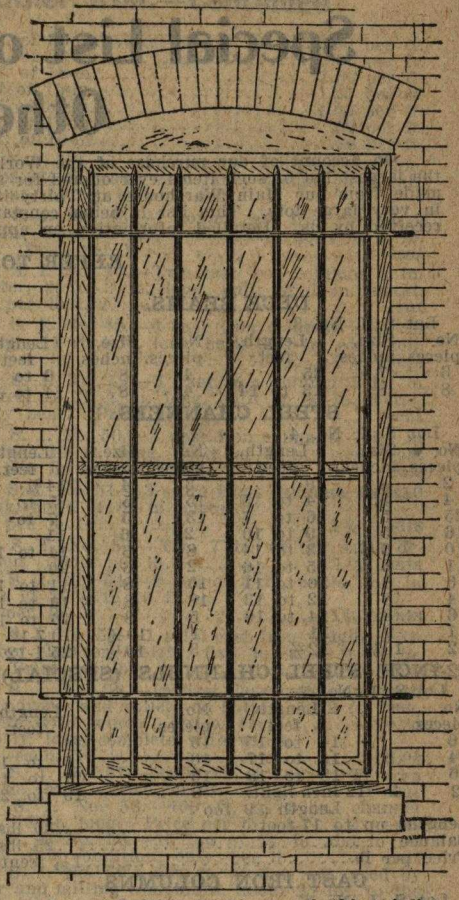
No. 17. All sizes in turn buckles, from ⅛ to 2 inch.

IRON DOORS.



No. 18. Fireproof iron doors made to order for any purpose.

IRON GUARDS.



No. 19. Can furnish anything required in this line.

HITCHING POSTS.



No. 20. These hitching posts are made with a flange on the bottom, as shown in cut, and can be bolted on to sidewalk. The posts are 2 to 4 inch diameter and 1, 2, 3 4 and 5 ft. long.

Length, feet.....	1	2	3	4	5
Price each, 2 in. diam.	$1.00	$1.10	$1.20	$1.30	$1.40
" " 2½ " "	1.25	1.40	1.55	1.70	1.85
" " 3 " "	1.50	1.70	1.90	2.10	2.30
" " 3½ " "	1.75	1.95	2.15	2.35	2.55
" " 4 " "	2.00	2.25	2.50	2.75	3.00

FANCY CAST IRON POSTS.

No. 21. We usually have on hand anywhere from 2 to 100 fancy cast iron hitching posts, ornamental. They usually run from 2½ to 4½ ft. They are in first class condition. Prices on application.

CAST IRON WASHERS.

No. 22. All sizes. Price 2 cents per lb.

CAST IRON THRESHOLDS FOR STORE FRONTS.

No. 23. All sizes. Write us your wants.

IRON FENCE.

No. 24. Usually on hand. Send us memorandum of your want

Special List of Structural and Other Iron

On account of our purchase of the World's Fair at St. Louis, we are placing on the market the largest list of such items ever offered for sale. It is quoted subject to prior sale. Delivery is made from our Main Warehouse at Thirty-fifth and Iron streets, Chicago. Special prices are made in very large lots. This list is being constantly added to. Every day additional cars are being received by us. Detailed information on application. Ask for special list.

REFER TO LOT NUMBERS.

DECK BEAMS.

Lot S. I. No. 3.

No. pieces.	Size, inches.	Length, feet.	No. pieces.	Size, inches.	Length, feet.
6	7	35	4	8	6 to 7
8	8	13 to 14	4	8	14 to 17

STEEL CHANNELS.

Lot S. I. No. 4.

No. pieces.	Size, inches.	Length, feet.	No. pieces.	Size, inches.	Length, feet.
2	4	9	3	4	14¾
4	5	4 to 5	15	5	5 to 6
25	5	6 to 7	13	5	7 to 8
16	5	9 to 10	2	6	11
10	6	13 to 14	8	6	14 to 15
11	6	15 to 16	2	6	20
6	8	10 to 11	10	8	11 to 12
4	8	12 to 13	18	8	13 to 14
6	8	14 to 16	5	8	16 to 19
1	9	11	1	10½	10 7-12
2	10½	12⅔	3	10½	25 1-12

12-INCH STEEL CHANNELS (SPECIAL).

Lot S. I. No. 5.

No. pieces.	Length, feet.	No. pieces.	Length, feet.
6	14 to 15	10	11
14	16 to 17	10	15 to 16
16	18 to 19	16	17 to 18
2	2—12-inch light, Length 9 foot.	9	19 to 20

Lengths up to 17-foot .....30 lbs.
Balance .....25 lbs.
Price per lb. .....1¼ cents

CAST IRON COLUMNS.

Lot S. I. No. 6.

No.	Dia. inch.	Length.	Description.
4	5	12 ft. 2 in.	Plain
2	6	12 ft. 10 in.	Fluted
8	7	11 ft. 1 in.	Weigh 565 lbs.
3	7	11 ft. ½ in.	Plain
6	7	15 ft. 1 in.	Fluted
No.	Dia. inch.	Length.	Description.
3	6	12 ft. 2 in.	Fluted
30	6	10 ft. 3 in.	Plain
3	7	14 ft. 1½ in.	Weigh 770 lbs.
1	7	14 ft. 1 in.	Plain
4	7	13 ft 2 in.	Plain top
4	7	13 ft.	Plain

Fluted bottoms, ornamented centers.

STEEL BARS.

Lot S. I. No. 7.

No. pieces.	Size.	Thickness.
7	11 ft. 6 in. x 11 ft. 6 in.	¾
10	2½ in. x 26 ft.	½
30	4 in. x 14 ft.	½
6	4 in. x 11 ft. 6 in.	½
18	2½ in. x 26 in.	⅜

Price per lb. .....1½ cents

STEEL PLATES.

Lot S. I. No. 8.

With rivet holes on edges.

No. of plates.	Thickness.	Size.
6	⅜	21 in. x 26 ft.
8	⅜	21 in. x 20 ft. 4 in.
2	⅜	36 in. x 22 ft.

Price per lb. .....1½ cents

IRON PLATES.

Lot S. I. No. 9.

No. of plates.	Thickness.	Size.
4	¼	10 ft. 5 in. x 7 ft. 2 in.
1	¼	4 ft. 6 in. x 12 ft.

Price per lb. .....1¾ cents

MISCELLANEOUS.

Lot S. I. No. 10.—2 box columns 6½x16 ft. long, built of 2⅜-in. plates and 2-6-in. channels, riveted together. Price .....1 cent per lb.

Two of the same, 14 ft. long.
Price per lb. .....1 cent

Lot S. I. No. 11.—4 oval shaped trusses 40 ft. long, built of 2, 3x3 angles with 12-in. plates ⅜-in. thick. Suitable for bridge support.

Lot S. I. No. 12.—One piece of 18-in. wrought iron pipe, heavy cast flanges, slightly bent. Can be used for culvert.

Lot S. I. No. 13.—8 wrought iron columns, 13 ft. long, built of 8 pieces of 4x4 angle iron, making a column 15 in. square. Riveted together with 8-in. plates every 2 ft.

Three same as above, 20 ft long.
Price per 100 lbs. .....80 cents

Lot S. I. No. 14.—5 trusses, built of 3x4 angle iron, doubled, 32 ft. long, 6 ft. high; 6 ft. high at one end and 3 ft. at the other. These trusses are slanting. They are well braced with 3x3 angles and ⅜-in. plates.

Lot S. I. No. 15.—50 pieces of 19-in. lattice beams, built of 3x3 angles with strapes ⅜x2¼ in. wide, riveted 2 ft. apart. There are also 12-in. plates bracing each end and center, making it as strong as a standard beam, but not so heavy. Lengths from 15 to 25 ft.
Price per lb. .....1¼ cents

Lot S. I. No. 16.—100 pieces of 17-in. lattice channels, built of 3x3x⅜-in. angle iron, riveted together with 2¼x⅜ straps. Plates at each end and center for braces. The lengths of these run from 15 to 30 ft. Price .....1 cent per lb

Lot S. I. No. 17.—12 pieces of 22-in. lattice beams, built of 3½x5-in. angles, riveted and strapped same as the 19-in. beams above. Lengths running 40 ft.

We also have 6 pieces, same as above, 15 in. wide. Price per lb. .....1 cent

Lot S. I. No. 18.—25 pieces of 2-in. lattice channels, built of 3x4 angles 20 ft. long. Braced at each end and center with 12-in. plates.
Price per lb. .....1 cent.

Lot S. I. No. 19.—50 pieces of solid channels, 24 ft. long, built of ½-in. metal.
Price per lb. .....1¼ cents

Lot S. I. No. 20.—1,000 steel plates, measuring from 12x12 to 12x20, ⅜-in. steel.
Price per lb. .....1¼ cents

Lot S. I. No. 21.—50 pieces 15-in. channels, built of ½-in. metal, 40 ft. long. Approximate weight about 40 lbs. to the foot, flanges 3½ in.
Price per lb. .....1½ cents

Lot S. I. No. 22.—25 pieces steel plates, 1 in. thick, 2 ft. 6 in. x 4 ft. Approximate weight about 45 lbs. per square foot.
Price per lb. .....1¼ cents

Lot S. I. No. 23.—2 pieces of 60-lb. rail, about 25 ft. long. Price per lb. .....1½ cents

Special List of Structural and Other Iron.—Continued

MISCELLANEOUS.—Continued.

Lot S. I. No. 24.—25 columns 40 ft. long 15x17 in. square. Built of 15-in. channels. Channels being riveted together with cross plates, making it very strong. Braces of these columns are made of steel plates 1 in. thick, 2½x3 ft. square. The above will make a stronger column than a solid iron one. Approximate weight is 100 lbs. per ft. Price per lb. .....1 cent

Lot S. I. No. 25.—1 girder 32 ft. 8 in. long, 40 in. wide, built of 3x5 angles, center is made of ⅜-in. steel plate. Width of girder is 10 in. Braced every 4 ft. with 3x3 angle iron. Price per lb. .....1 cent

Lot S. I. No. 26.—1 girder 38 ft. 8 in., built of 4x6 angles, has ⅜-in. steel plates, 42 in. wide, 12-in. flange. Braced every 4 ft. with 3x3 angle iron. Price per lb. .....1 cent

Lot S. I. No. 27.—4 girders 32 ft. 8 in. long, built of 3x5 angles, with ⅜-in. steel plate in center, all riveted. Face of girder 10½ in. wide, width 36 in. Braced every 4 ft. with 3x3 angle iron. Price .....1 cent lb.

Lot S. I. No. 28.—8 steel plates 36 in. wide by 16 ft. long, built of ⅝-in. metal. Price per lb. .....1¼ cents

Lot S. I. No. 29.—2 steel plates 18 in. long, built of ⅜-in. steel, 42 in. wide. Price per lb. .....1 cent

Lot S. I. No. 30.—2 plates 16 ft. long, 38 in. wide, built of 1⅜-in steel. Price per lb. .....1¼ cents

Lot S. I. No. 31.—5 girders 36 in. wide by 18 ft. long, built of 3x5 angles, ⅜-in. steel plate, width of flange 10½ in. Braced every 4 ft. with 3x5 angle iron. Price per lb. .....1 cent

Lot S. I. No. 32.—5 steel plates 36x⅛ in. thick. Price per lb. .....1 cent

Lot S. I. No. 33.—5 girders 16 ft. long, 24 in. wide, built of 3x5 angle iron and ⅜-in. steel plate, width of flange 10½ in. Braced every 4 ft. with 3x3 angle iron. Price per lb. .....1 cent

Lot S. I. No. 34.—3 girders 32 ft. 8 in. long, 36 in. wide, built of 3x6 angle iron, ⅜-in. steel plate in center. Braced every 4 ft. with 3x3 angle iron. Price per lb. .....1 cent

Lot S. I. No. 35.—9 steel plates 36 in. wide by 16 ft. long, ⅜ in. thick. Price per lb. .....1¼ cents

Lot S. I. No. 36.—2 girders 36 in. wide by 18 ft. long, built of 3x5 angle iron, ⅜-in. plate in center. Braced every 4 ft. with 3x3 angle iron. Width of flange 10½ in. Price per lb. .....1 cent

Lot S. I. No. 37.—1,000 ft. of 5x3 angle iron, ⅜ in. thick, in length from 10 to 30 ft. Price per lb. .....1½ cents

Lot S. I. No. 38.—1,000 ft. 4x6 angle iron, running in length from 10 to 40 ft., ½ in. thick. Price per lb. .....1¼ cents

Lot S. I. No. 39.—5,000 ft. of 3x3 angle iron, 5-16 in. thick. Lengths from 10 to 25 ft.

Lot S. I. No. 40.—1,000 ft of 4x4 angle iron, ⅝ in. thick, from 10 to 20 ft. long. This angle iron has occasional rivet holes.

Lot S. I. No. 41.—2,000 feet galvanized culverts, 12, 14, 16 in. in diameter, 5-ft. lengths. Suitable for running water under sidewalk, etc. Any length desired from 5 ft. up.

12-in. at .....70 cents per ft.
14-in. at .....80 cents per ft.
16 in. at .....90 cents per ft.

Lot S. I. No. 42.—50 pieces bent or curved wrought iron pipe, from 8 to 14 in. diameter, 25 to 30 ft. long. Can be used where it is desired to run water on a curve. Price per lb. .....1¼ cents

Lot S. I. No. 43.—50 tons of 4, 6, 8, 10, 12 and 15 in. beams, running in lengths up to 8 ft. Price per lb. .....1 cent

Lot S. I. No. 44.—Steel culverts made of ⅜-in. metal lengths, 14 to 20 ft.

500 ft. of 60-in. .....$4.00 per ft.
500 ft. of 54-in. .....3.50 per ft.
500 ft. of 48-in. .....2.75 per ft.
500 ft. of 42-in. .....2.75 per ft.
500 ft. of 30-in. .....$2.50 per ft.
500 ft. of 26-in. .....2.00 per ft.
500 ft. of 18-in. .....1.50 per ft.
500 ft of 15-in. .....1.25 per ft.
500 ft of 14-in. .....1.00 per ft.
500 ft. of 12-in. ......90 per ft.
500 ft. of 10-in. ......80 per ft.

Lot S. I. No. 45.—7 gates 18 ft. high 4 ft. wide, built of 3¼ in. rods, very fancy design, circle top. Spear at the top of each rod.

Lot S. I. No. 46.—1 round cast iron column 9 ft. 1 in. long, 10 in. in diameter, built of 1 in. metal. Price per lb. .....1 cent

Lot S. I. No. 47.—Two cast iron columns 8 in. diameter, 9 ft. 3 in. long, built of 1 in. metal. Price per lb. .....1 cent

Lot S. I. No. 48.—6 cast iron columns 8 in. in diameter, 11 ft. 5 in. long, built of 1 in. cast iron. Price per lb. .....1¼ cents

Lot S. I. No. 49.—1 cast iron column 5 in. in diameter, 10 ft. 1 in. long, built of ⅜ in. metal, slightly bent. Price per lb. .....1 cent

Lot S. I. No. 50.—3 cast iron columns, 7 in. in diameter, 10 ft. long, built of 1 in. cast iron. Price per lb. .....1¼ cents

Lot S. I. No. 51.—3 store front columns, 6x6x10 ft. long, built of ¾ in. metal. Price per lb. .....1¼ cents

Lot S. I. No. 53.—Two 7 in. of the same description. Price per lb. .....1½ cents

Lot S. I. No. 54.—3 ton of 2 in. angle iron in lengths of 10½ to 15 ft. Price per lb. .....1½ cents

Lot S. I. No. 55.—1 solid cast iron weight, suitable for elevator weight, 6x8 in. x 6 ft. 6 in. long. Price per lb. .....1¼ cents

Lot S. I. No. 56.—In first-class condition, with bracing irons, and rollers on bottom, 3-22 ft. long, complete with winch. Price, each 20.00

3-35 ft. long, complete with winch. Price, each 35.00

Lot S. I. No. 57.—2,000 ft. of 3x3½ "T" iron by ½ in. thick. Price per lb. .....1 cent

Lot S. I. No. 58.—400 ft. of 3 in. channel beams, 18 ft. long. Price per lb. .....1¼ cents

Lot S. I. No. 59.—10 ton of ⅞ in. rod in all lengths, fair condition, only, per lb. .....1 cent

Lot S. I. No. 60.—500 ft. of flat rail, used by lumber and milling companies, about 25 lbs. to the yard. All punched for spikes. Price per lb. .....1¼ cents

Lot S. I. No. 61.—1 pipe coil, made of 1¼ in. extra heavy pipe, 6 ft. high, 30 in. in diameter. This coil is round and is well braced with 2x2 angle iron. Has connection at each end.

Lot S. I. No. 62.—1 coil, built of 1½ in. extra heavy pipe, 24 in. in diameter, well braced with 1½ in. angle iron. First-class condition. Connections at each end.

Lot S. I. No. 63.—1 pipe coil, built of 1 in. extra heavy pipe, 18 in. in diameter, 4 ft. 8 in. high. Coil is in good condition.

Lot S. I. No. 64.—5 ton of rail, from 12 to 20 lbs., not suitable for relaying. Will answer for building purposes. Price, per lb. .....1¼ cents

Lot S. I. No. 65.—10 tons of shafting, running from 1 in. in diameter to 3 in., and in lengths from 1 to 5 ft. Price per lb. .....1¼ cents

Lot S. I. No. 66.—Three oval shaped building trusses, 48 in. long, 8 ft. high. Constructed of 3½x3½ tees on top, bottom of 1¼ in. round iron. They are braced all the way through with ¾ rod. They are complete with turn buckles and cast iron plates. Weight approximately 675 lbs. Price per lb. .....1 cent

Lot S. I. No. 67.—One steel fire door, complete with rollers, built of ¼ in. steel plate, size 6 ft. wide, 8 ft. high. Price $5.00

Lot S. I. No. 68.—Five iron frames, with hinge connections, 5 ft. 6 in. x 6 ft. 6 in., built of 4 in. x ⅜ in. plates on each side, top and bottom of 1½ in. plates. Price per lb. .....1¼ cents

Special List of Structural and Other Iron.—Continued

MISCELLANEOUS.
Continued.

Lot S. I. No. 69.—Four iron shutters, used for fire protection for windows, 8 ft. 2 in. high, 2 ft. 3 in. wide. These shutters are built of a solid plate ¼ in. thick, complete with hinges and locks. Price, each.....$3.50

Lot S. I. No. 70.—Six shutters, 8 ft. 3 in. x 2 ft. wide, built of solid plate 1-16 in. thick, complete with hinges. Price, each.....$3.00

Lot S. I. No. 71.—Three pair of double shutters, 8 ft. high, 4 ft. 4 in. wide. Complete with hinges and locks. Built of 1-16 in. plate, well braced. Oval top. Price per pair.....$7.00

Lot S. I. No. 72.—10,000 ft. of wire cable, sizes ⅜ to ⅞ in., in miscellaneous lengths, occasional broken strands. Not guaranteed.
Price per ft.....1 cent

Lot S. I. No. 81.—23 ft. of iron fence, fancy cross panel design, 4 ft. high. Posts built of 1½ in. angle iron; tops are built of 1 in. cross iron: very pretty design. Cast iron rosettes in the center of each panel. Price per ft.....60 cents

Lot S. I. No. 82.—15 iron doors, 3 ft. wide, 7 ft. high, complete with rollers and locks. These doors were used for fire protection in an elevator. There is an opening in each door 25x27 in., which is made for fire-proof glass to go in, making them strictly fire-proof. Also three size 2 ft. 5 in. x 7 ft., two size 3 ft. x 6 ft. 7 in.
Price, each.....$5.50

Lot S. I. No. 83.—Two pieces of 10 in. angles, 8 ft. long, ⅝ in. thick. Price per lb.....1 cent

Lot S. I. No. 84.—Sixteen pieces of 12 in. channels, 10 ft. long, ⅝ in thick.
Price per lb.....1 cent

Lot S. I. No. 85.—About 200 pieces of "I" beams, running from 6 in. to 3 ft. long, and from 8 to 15. Price per lb.....1 cent

Lot S. I. No. 86.—25 ton of steel wrought rail, measuring in lengths from 3 to 30 ft. and in weight from 12 to 60 lbs. per yard. The above rails are suitable for building purposes, such as sidewalk and foundations for floors and walls.
Price per lb.....1 cent

Lot S. I. No. 87.—One piece of 7 in. deck beam, 7 ft. 6 in. long. Price per lb.....1 cent

Lot S. I. No. 88.—17 ft. of 6 in. shaft with a flange coupling on one end, at, lb.....1¼ cents

Lot S. I. No. 89.—One cast iron stack plate, for 36 in. stack, 11 ft. in diameter, 2½ in. thick.
Price per lb.....1½ cents

Lot S. I. No. 90:
8 ft. 6 in. shaft
10 ft. 5 in. shaft
10 ft. 9 in. shaft
12 ft. 8 in. shaft
14 ft. 6½ in. shaft
Price per lb.....1¼ cents

Lot S. I. No. 91.—One cast iron plate, 6 ft. 6 in. wide, 14 ft. long, 2½ in. thick, at, lb..1½ cents

Lot S. I. No. 92.—One piece of cast iron plate, 16 ft. long, 6 ft. 6 in. wide, 2½ in. thick.

THREADED NUTS.

Lot S. I. No. 95.—Tapped square nuts for machine screws for bolts, size ⅝, ¾, ⅞, 1 inch. Specified sizes, per lb.....4 cents
Mixed sizes all kinds, per lb.....3 cents

WASHERS.

Lot S. I. No. 96.—Cast iron washers, sizes ⅝, ¾, ⅞, 1 inch. Specified sizes, per lb...1½ cents
Mixed sizes, per lb.....1¼ cents

Lot S. I. No. 97.—Cast iron washers, sizes 1⅛, 1¼, 1⅜, 1½. Specified sizes, per lb...1¼ cents
Mixed sizes, per lb.....1 cent

ROUND IRON RODS.

Lot S. I. No. 98.—Threaded and complete with nuts, sizes as follows: ¾, ⅞, 1, 1⅛, 1¼, 1⅜, 1½, 1¾, 2 inch. Lengths ranging from 8 to 30 ft. Specified sizes, per lb.....2 cents

MIXED ALL KINDS.

100 lb. lots.....$1.75 per 100 lbs.
500 lb. lots..... 1.65 per 100 lbs.
2,000 lb. lots..... 1.50 per 100 lbs.
Carload lots..... 1.25 per 100 lbs.

"I" BEAMS.

Lot S. I. No. 99:
200-10 in., lengths 15½ to 18 ft.
50-12 in., lengths 15½ to 18 ft.

STEEL PLATES.

Lot. S. I. No. 103.—40,000 pounds large steel plates used in building a small city jail.
Price per lb.....1½ cents

WROUGHT IRON PIPE.

Lot S. I. No. 104.—Millions of feet ranging from ⅜ to 24 inch. Write for prices on your requirements.

LAG SCREWS.

Lot S. I. No. 105.—100 cases of lag screws, 5-16x3½, 5-16x5, and other sizes, per lb..5 cents

SPECIAL IRON WORK.

We can cut beams, plates and other iron to order. We are also able to make you a very low price on any special ironwork. Send us blue prints or sketches for our quotations. We can save you considerable money. It will pay you to come and see us if you are interested in any very large amount of iron material. Our stock is an extensive one and is being constantly added to. In addition to the iron work, we can furnish you with all the general building material you will need in the construction of any building, no matter how large.

THE U. S. GOVERNMENT BUILDING

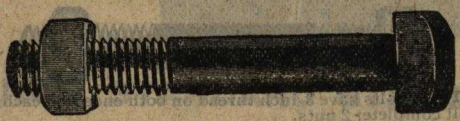
Louisiana Purchase Exposition

A MAGNIFICENT STEEL STRUCTURE FOR SALE

We own the immense building used at the St. Louis Exposition by the United States Government. It was constructed at an enormous expense. It is built of steel and iron. Its dimensions are approximately 200 feet by 700 feet. Strictly modern in conception. Can be used for an Auditorium, Railroad Terminal, Exhibition Hall, Factory Building or a building of any kind where large clear space is needed. Blue prints, photographs and specifications on application.

IRON BOLTS—MIXED

ROUND AND SQUARE HEADS





Item No. 1. Mixed bolts; all kinds square and round heads; sizes ranging from ⅜ to 1 inch diam. Lengths from 1 to 20 in. new bolts.
In lots of 50 lbs., per lb.....$0 03
" " 100 " " 2½

Item No. 2. New bolts, mixed, from ¼ to ½ in. diameter; lengths up to 18 in.
In lots of 100 lbs., per lb.....$0 03
In smaller quantities, " 3½

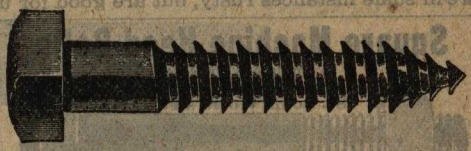
Item No. 3. Carriage bolts, brand new; sizes $\frac{5}{16}$ to ½ inch; lengths up to 3 in.
Per lb., any quantity.....$0 04

Item No. 4. Bolts bought at underwriters' sale; damaged by water, somewhat rusty, but good for general use. All sizes and kinds mixed.
In 100 lb. lots, per lb.....$0 02½
In smaller quantities 3

At an additional ½ cent per pound, we will make selection as nearly as possible to your requirements.

Item No. 5. Second-hand bolts, from the various expositions and wrecking jobs.
Sizes ⅜ to 1 in. Lengths 5 to 24 in.
Per 100 lbs $2 00
Per 500 " 8 00

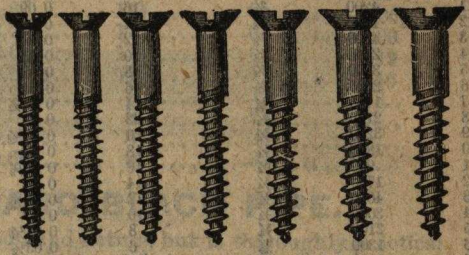
WOOD LAG SCREWS



ASSORTED SIZES AND LENGTHS

	Price per Lb.
Mixed, any quantity, not less than 10 lbs.	$0 04
In lots of 25 lbs.....	3½
" " 50 "	3¼
" " 100 "	3

WOOD SCREWS



New wood screws, all sizes and lengths, mixed together, all in perfect condition. In any quantity, but not less than 5 lbs. Lb...$0 10
Brass wood screws, all sizes mixed together.
In any quantity, not less than 2½ lbs.
Per lb..... 22

MIXED RIVETS

BRAND NEW

Wagon makers' tinners' cornice, barrel, shovel, cooper, belt, stove and all kinds. They consist of round, flat, oval heads, etc.; are about ⅛ to 4½ in. long. On account of being mixed, we make the following low prices:

	Per Lb.
200 lb. lots	$0 02
100 "	2½
50 "	3
25 "	3½

WROUGHT RIVETS

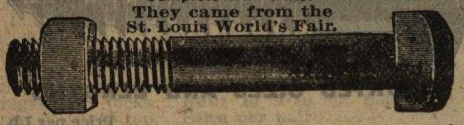
3 tons of new round head boiler makers' rivets.
Size ¾ in., length 3 in. Per lb.....$0 03

A SPECIAL SALE OF BOLTS.

The following bolts are offered at extremely low prices for quick acceptance. These bolts are in some instances rusty, but are good for use. ORDER BY NUMBER.

Square Machine Head Bolts

Complete with Nuts.
They came from the St. Louis World's Fair.



No.	Quantity.	Size Inches.	Length Inches.	Price each.
600	3500	1	20	$0 12
601	5000	1	18	0 11
602	3200	1	14	0 09
603	4000	1	12	0 08
604	2000	1	11	0 07½
605	3300	1	10	0 07
606	2100	1	8	0 06
607	4200	1	6	0 05
608	3000	1	5	0 04
609	3500	⅞	20	0 11
610	5000	⅞	18	0 10
611	4200	⅞	16	0 09
612	1200	⅞	14	0 08
613	4500	⅞	12	0 07
614	2700	⅞	10	0 06
615	3700	⅞	8	0 05
616	2500	⅞	6	0 04
617	1400	¾	24	0 08½
618	2100	¾	22	0 08
619	3200	¾	20	0 07½
620	1800	¾	18	0 07
621	950	¾	16	0 06½
622	1700	¾	14	0 06
623	4000	¾	12	0 05½
624	3000	¾	10	0 05
625	2100	¾	8	0 04¼
626	1300	¾	6	0 03½
627	3100	⅝	20	0 06
628	1600	⅝	18	0 05½
629	2200	⅝	16	0 05
630	1800	⅝	15	0 04½
631	1400	⅝	14	0 04
632	2000	⅝	12	0 03½
633	3000	⅝	10	0 03
634	5100	½	20	0 03½
635	4200	½	18	0 03
636	1800	½	16	0 02¾
637	2300	½	14	0 02½
638	4000	½	12	0 02¼
639	4000	½	10	0 02

CARRIAGE BOLTS.

Lot No. 127. Brand new. Absolutely first-class. All in regular packages. Stock consists of the following sizes:

Size ¼ from 1¼ to 7½ inches long.
Size 5/16 from 2 to 16 inches long.
Size ⅜ from 1½ to 16 inches long.
Size 7/16 from 2¾ to 12 inches long.
Size ½ from 2 to 12 inches long.

Price per 100 lbs., **$5.00**

LOT No. 128, CARRIAGE BOLTS.

Brand new. First-class. Mixed all kinds together. Sizes from ¼ to ½; lengths from 1¼ to 10 inch.
Price, per 100 lbs..... **$3.50**

Turnbuckles.

No.	Quantity.	Size Inches.	Price each
692	100	⅞	$0 22
693	125	1	26
694	100	1⅛	30
695	80	1¼	37
696	60	1⅜	40
697	50	1½	45

Bolts Threaded Both Ends.



These bolts have 3-inch thread on both ends and each bolt complete; 2 nuts.

No.	Quantity.	Size In.	Length In.	Price each
640	1400	1	20	$0 16
641	400	1	18	0 14
642	1200	1	16	0 13
643	800	1	14	0 12
644	250	1	12	0 11
645	305	1	10	0 09
646	425	⅞	20	0 14
647	650	⅞	18	0 12
648	400	⅞	16	0 10
649	1200	⅞	14	0 09
650	250	⅞	12	0 08
651	325	⅞	10	0 07
652	675	⅞	8	0 06
653	420	¾	20	0 07
654	260	¾	18	0 06½
655	1100	¾	16	0 06
656	1300	¾	14	0 05½
657	600	¾	12	0 05
658	350	¾	10	0 04½
659	1200	⅝	20	0 08½
660	400	⅝	18	0 08
661	1300	⅝	16	0 07½
662	1600	⅝	14	0 07
663	300	⅝	12	0 06½
664	425	⅝	10	0 06

The following bolts are threaded both ends and each bolt is complete with 4 nuts. The threads on the 20-inch are 6 inches long; on the 18 and 16-inch 5 inches long; on the 14-inch 4 inches long; on the 12 and 10-inch 3 in. long.

No.	Quantity.	Size In.	Length In.	Price each
665	1500	½	20	$0 06
666	450	½	18	0 05½
667	2000	½	16	0 05
668	900	½	14	0 04½
669	2300	½	12	0 04
670	1400	½	10	0 03½

Eye Bolts.



No.	Quantity.	Size In.	Length In.	Price each
675	1500	¾	18	$0 09
676	1000	¾	16	0 08
677	1200	¾	14	0 07
678	1400	¾	12	0 06
679	1600	¾	10	0 05
680	850	⅝	20	0 07
681	1100	⅝	18	0 06
682	475	⅝	16	0 05
683	1000	⅝	15	0 04½
684	900	⅝	14	0 04
685	600	⅝	12	0 03½
686	1400	⅝	10	0 03¼
687	2000	½	18	0 06½
688	1600	½	16	0 06
689	900	½	14	0 05
690	800	½	12	0 04½
691	1200	½	10	0 04

Cast Iron Washers.

All in good condition.

No.	Quantity.	Size of Hole.	Price each
698	2000	⅝	$0 01
699	1600	¾	0 01¼
700	1200	⅞	0 02½
701	1300	1	0 04

PIPE AND CASING.



NEW STANDARD STEAM, GAS AND WATER PIPE.

BLACK AND GALVANIZED.

Always in stock. Every piece carefully tested. Unless otherwise ordered, black pipe, random lengths, with threads and couplings, will be shipped.
Prices subject to change without notice.

Nominal Inside Diam.	Actual Outside Diam.	Thickness	Nominal Weight Per Foot	No. of Threads Per Inch of Screw	Price Per Foot Black Pipe	Price Per Foot Galv. Pipe
⅜ inch	0.67 inch	.091 inch	0.56	18	0.02½	$0.03
½ "	0.84 "	.109 "	0.84	14	.03½	.04½
¾ "	1.05 "	.113 "	1.12	14	.04	.05
1 "	1.31 "	.134 "	1.67	11½	.05	.06½
1¼ "	1.66 "	.140 "	2.24	11½	.07	.09
1½ "	1.9 "	.145 "	2.68	11½	.08	.12
2 "	2.37 "	.154 "	3.61	11½	.11	.16
2½ "	2.87 "	.204 "	5.74	8	.17	....
3 "	3.5 "	.217 "	7.54	8	.23	....
3½ "	4.00 "	.226 "	9.00	8	.28	....
4 "	4.5 "	.237 "	10.66	8	.32	....

SECOND HAND STANDARD BLACK PIPE.

For Steam, Water, Gas and Oil. It is of a second-hand nature, but is thoroughly practical for further use. It is all carefully inspected before shipment, being re-threaded, oiled and complete with couplings. It comes in random lengths, up to about 20 feet. We make an additional charge when ordered in special lengths, as noted below.
Pipe ordered cut to specified lengths, is not furnished with couplings.

Size Inside Diam.	Approximate Weight Per Foot	Black Pipe Price Per Foot	Size Inside Diam.	Approximate Weight Per Foot	Black Pipe Price Per Foot
⅜ inch	¼ lb	$0.01½	3½ inch	9 lb	$0.19
½ "	½ "	.02	4 "	10½ "	.25
¾ "	1 1-10 "	.02½	5 "	14½ "	.35
1 "	1⅝ "	.03½	6 "	18¾ "	.40
1¼ "	2½ "	.04½	7 "	23¼ "	.65
1½ "	2⅝ "	.05½	8 "	28½ "	.80
2 "	3⅝ "	.07½	9 "	33¾ "	.85
2½ "	5¾ "	.10½	10 "	40 "	1.10
3 "	7½ "	.17	12 "	49 "	1.40

EXTRA HEAVY BLACK WROUGHT IRON PIPE.

SECOND HAND—IN GOOD CONDITION.

For Ice Manufacturing, High Steam Pressure, etc.

Size Inside Diameter	Approximate Weight Per Foot	Price Per Foot
¾ inch	1¼ lbs	$0.05
1 "	3½ "	.08
1¼ "	5 "	.11
1½ "	6 "	.14

CUTTING PIPE TO LENGTH.

We make the following additional charges for threading and cutting pipe to special lengths; price quoted is per thread. Couplings for special lengths pipe will be charged for extra.

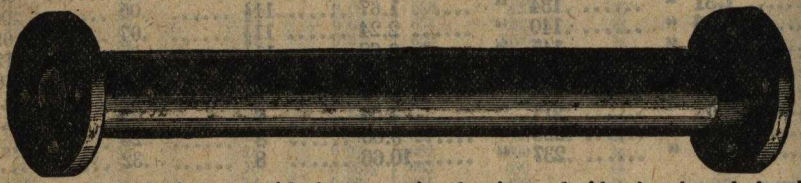
Size, Diameter	⅜	½	¾	1	1¼	1½	2	2½	3	3½	4	5	6	7	8	9
Price, per thread ...	3c		4½c		4½c	6c	9c	10c	14c	20c	40c	44c	60c	70c	90c	

Second Hand Wrought Iron Casing.

This list represents our second-hand casing, suitable for use for all purposes where standard pipe is used; also for well casing. It is all in good condition, practically free from rust, and in long lengths. Has standard casing threads (14 to the inch) and has new threads.

Nominal Inside Diameter, Inches.	Outside Diameter, Inches.	Nominal Weight Per Foot, Pounds.	Price, Per Foot.
2	2¼	$ 2.22	$0.07
2¼	2½	2.82	.08½
2¾	3	3.45	.10
3	3¼	4 10	.12
3¼	3½	4.45	.14
3¾	4	5.56	.18
4¼	4½	6.36	.20
5⅝	6	10.46	.30

FLANGED.



Same as described above, with the exception that instead of having threaded end and couplings, it is furnished with two cast iron flanges to each length expanded on the casing, and is furnished complete with flanges, bolts and nuts at the following prices:

3½ inch	15c	5 inch	25c
4 "	19c	6 "	38c

LARGE FLANGED PIPE.

We offer for sale several carloads of wrought iron pipe, ranging in size from 6 to 18 inch diameter. It is fitted with cast iron flanges riveted on the pipe. Write us for information, stating your wants.

STEEL TUBES.

For Many Uses.

These tubes are second-hand, but we pay much time and attention in thoroughly overhauling them, shipping only such tubes as are practical for further use. They have straight ends and are oiled. They are extensively used as hitching posts, columns, etc. Lengths 8 to 16 feet. These tubes are not suitable for retubing boilers. We are making low prices on first class boiler tubes. Write for our prices.

WE CAN CUT THEM TO ANY LENGTH DESIRED.

Outside Diameter Inches	Approximate Weight Per 100 Feet	Price Per Foot
2	191	$0.06
2½	275	.07
3	333	.08
3½	428	.10
4	547	.12

WE ALSO HAVE A COMPLETE STOCK OF TUBES FOR RETUBING BOILERS. WRITE FOR PRICES.

RIVETED IRON PIPE

This is extra strong pipe, made up special for this special work. Most of it was used in the piping of the Cascade at the St. Louis World's Fair. It was taken out in fine shape and is as good as new for further use.

No. of feet.	Size.	Thickness.
23	90-inch	5-16-inch
27	74-inch	⅜-inch
26	52-inch	⅜-inch
294	50-inch	5-16-inch
28	40-inch	5-16-inch



SPIRAL RIVETED PIPE

The following is an approximate list of what we have of this material:

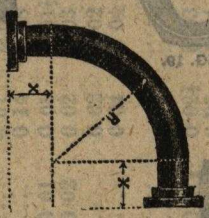
No. of feet.	Size.	Thickness.
400	36-inch	¼-inch
244	30-inch	¼-inch
1750	11-inch	No. 16 Iron
582	20-inch	3-16-inch
182	16-inch	3-16-inch
1750	10-inch	No. 16 iron

1½-INCH IRON PIPE.

No. 948-A9. 10,000 feet 1¼-inch, inside diameter, Iron Pipe; light weight. Approximate weight, 175 pounds to the 100 feet. We cannot thread it. Lengths, 16 to 20 feet. In air condition only, more or less pitted. Suitable for railing, separators, and general purposes.

Per foot, ... 3 cents.

LARGE SIZES CURVED PIPE



No. 948-A10. Two carloads wrought iron flanged pipe, sizes 6 to 18-inch. Bent special.

Diagrams sent on application.

16-IN. HEAVY HYDRAULIC WROUGHT IRON LAP-WELDED PIPE, CAST IRON FLANGES.

No. 948-A3. Suitable for a working pressure of 800 pounds. This pipe was all tested to 2,000 pounds pressure per square inch.

Flanges, 2½-inch thick, tongue and grooved, 25-inch diameter.

Outside diameter pipe...16 inches.
Inside diameter pipe....15 inches.
Approx. Wgt. per ft.....70 pounds.
Thickness ..... ⅜-inch.

WROUGHT IRON-LAP WELDED PIPE

Cast Iron Threaded Flanges.

No. 948-A4.

Sizes Inside Diameter. Inches	Approximate Weight Per Foot	Price Per Foot
10	40	$1.10
12	49	1.35

SPECIAL 20-INCH O. D. PIPE

No. 948-A5. 1,000 feet of finest quality wrought iron lap-welded pipe, in 13-ft. lengths. Built for a special process plant. This pipe has a 1-inch plug at each end, separating an extra pipe, 18-inch O. D., which lines the 20-inch pipe. It is tapped on both ends to take off the product. It is fitted with heavy cast-iron flanges. It has the appearance of a 20-inch O. D. pipe, 17-inch inside diameter. Both runs of pipe are ⅜-inch thick. It is good as new. We will also quote this pipe with the 18-inch pipe removed.

CAST IRON SLEEVE FOR TUBING

No. 948-A11. Sleeve for use in greenhouse and other heating. Lengths about 4½-inch.

For tubing—size, inches...	3	4	6
Price, each	7	8	11c

STEEL TUBING

No. 948-A8. Seconds—that means not steam tight—some of it has split in the seam. It is suitable for low pressure, concrete work, columns, culverts, drains, etc., etc. Average lengths, 20 feet; plain ends, we do not thread it.

Sizes	7	8	12	14	15	16
Thickness	¼	¼	⅜	¼	¼	¼
Approx...	12	14	35	39	43	49

Prices on Application.

We make a specialty of Greenhouse heating.

ELBOW.



FIG. 3.

REDUCING ELBOW.



FIG. 5.

ELBOW.
WITH SIDE OPENING.



FIG. 7.

TEE.

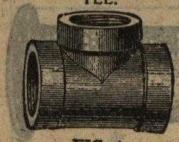


FIG. 4.

REDUCING TEE.

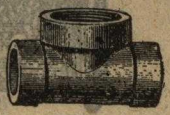


FIG. 6.

NIPPLE.



FIG. 24.

REDUCING COUPLING.



FIG. 14.

COUPLING.



PLUG.



FIG. 13.

CAP.



FIG. 16.

STREET ELBOW



FIG. 84.

RETURN BEND
Close Pattern.

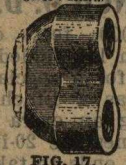


FIG. 17.

RETURN BEND.
Open Pattern.

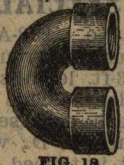


FIG. 18.

LOCKNUT.



FIG. 19.

FLANGE UNION.

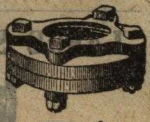


FIG. 36.

CROSS.

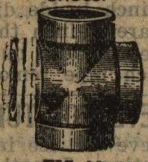


FIG. 10.

REDUCING TEE.



FIG. 8.

ELBOW 45°



FIG. 9.

BUSHING.



FIG. 11

CEILING PLATE



UNION

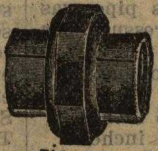
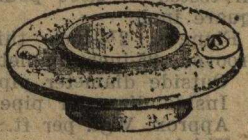


FIG. 20

FLOOR PLATE



We aim to keep a correct and complete line of fittings, If in need of any not listed write us.

CAST IRON FITTINGS FOR WROUGHT IRON PIPE.

Fig.	Size, Inches	¼	⅜	½	¾	1	1¼	1½	2	2½	3	4	5	6	7	8
3.	Elbows, Black	$0 02	$0 02	$0 02½	$0 03½	$0 04½	$0 06½	$0 08	$0 12	$0 20	$0 30	$0 50	$0 80	$1 10	$1 90	$2 70
	" Galvanized	0 04	0 04	0 05	0 07	0 09	0 13	0 16	0 24	0 40	0 60	1 00	1 60	2 20	3 80	5 40
4.	Tees, Black	0 03½	0 03½	0 04	0 05	0 06½	0 10	0 12	0 17	0 30	0 45	0 70	1 20	1 60	2 70	3 90
	" Galvanized	0 07	0 07	0 08	0 10	0 13	0 20	0 24	0 34	0 60	0 90	1 40	2 40	3 20	5 40	7 80
10.	Crosses, Black	....	....	0 07	0 09	0 11	0 17	0 22	0 32	0 53	0 80	1 30	2 25	2 80	4 90	7 00
	" Galvanized	....	....	0 14	0 18	0 22	0 34	0 44	0 64	1 06	1 60	2 60	4 50	5 60	9 80	14 00
13.	Plugs, Black	0 01	0 01	0 01	0 01½	0 01½	0 02	0 03	0 04	0 07	0 10	0 17	0 35	0 48	0 72	1 10
	" Galvanized	0 02	0 02	0 02	0 03	0 03	0 04	0 06	0 08	0 14	0 20	0 34	0 70	0 96	1 44	2 20
11.	Bushings, Black	....	....	0 02	0 02	0 03	0 03	0 04	0 05½	0 09	0 13	0 20	0 40	0 50	0 76	1 15
	" Galvanized	....	....	0 04	0 04	0 06	0 06	0 08	0 11	0 18	0 26	0 40	0 80	1 00	1 56	2 30
16.	Caps, Black	....	....	....	....	....	....	....	0 11	0 16	0 22	0 35	0 48	0 62	1 00	1 15
	" Galvanized	....	....	....	....	....	....	....	0 22	0 32	0 44	0 70	0 96	1 24	2 00	2 30
	Couplings, Black	0 01½	0 01½	0 02½	0 03	0 04	0 05	0 07	0 08	0 10	0 20	0 25	0 40	0 65	0 95	1 00
	" Galvanized	0 02	0 02	0 03	0 04	0 05	0 06	0 09	0 13	0 17	0 25	0 42	0 67	0 95	....	....
20.	Flange Unions, Black	....	....	0 16	0 19	0 21	0 26	0 32	0 40	0 50	0 60	0 85	1 30	1 60	2 25	2 90
	" " Galvanized	....	....	0 32	0 38	0 42	0 56	0 64	0 80	1 00	1 20	1 70	2 60	3 20	4 50	5 80
17.	Return Bends, Close, Blk	....	....	0 08	0 09	0 10	0 12	0 17	0 25	0 50	0 75	....	....	....	....	....
	" " " Gal'd	....	....	0 16	0 18	0 20	0 24	0 34	0 50	1 00	1 50	....	....	....	....	....
18.	Return Bends, Open, Black	....	....	....	0 11	0 14	0 18	0 24	0 35	0 60	0 95	....	....	....	....	....
	" " " Gal'd	....	....	....	0 22	0 28	0 36	0 48	0 70	1 20	1 90	....	....	....	....	....
	Ceiling Plates, Black	....	....	....	0 05	0 06	0 07	0 09	0 11	0 14	0 20	0 27	....	....	....	....
	Floor Plates, Black	....	....	0 02½	0 02½	0 03	0 04	0 05	0 06	0 09	0 12	....	....	....	....	....
14.	Nipples, Short Black	0 01½	0 01½	0 01½	0 02	0 02½	0 03½	0 04	0 06	0 12	0 15	0 25	0 45	0 55	0 95	1 05
	" " Galvanized	0 02	0 02	0 02	0 03	0 03½	0 05	0 06	0 08	0 17	0 21	0 40	0 70	0 84	1 27	1 50
	Nipples, Long Black	0 02	0 02	0 02	0 03	0 04	0 05	0 06	0 08	0 18	0 22	0 36	0 73	0 85	1 10	1 20
	" " Galvanized	0 03½	0 03½	0 03½	0 04	0 06	0 09	0 10	0 14	0 25	0 33	0 56	0 93	1 25	1 50	1 75
	Reducing Elbows, Black	....	....	0 03	0 04	0 05	0 07½	0 10	0 13	0 25	0 37	0 60	0 95	1 35	2 25	3 20
	" " Galva'd	....	....	0 06	0 08	0 10	0 15	0 20	0 26	0 50	0 74	1 20	1 80	2 70	4 50	6 40
	45° Elbows, Black	....	0 03	0 03	0 04½	0 05	0 08	0 10	0 14	0 25	0 40	0 60	1 00	1 40	2 40	3 50
	" " Galvanized	....	0 06	0 06	0 09	0 10	0 16	0 20	0 28	0 50	0 80	1 20	2 00	2 80	4 80	7 00
3.	Reducing Tees, Black	....	....	0 05	0 06	0 07½	0 12	0 15	0 20	0 35	0 55	0 85	1 50	1 80	3 15	4 50
	" " Galvanized	....	....	0 10	0 12	0 15	0 24	0 30	0 40	0 70	1 10	1 70	3 00	3 60	6 30	9 00
	Reducing Crosses, Black	....	....	0 08	0 11	0 13	0 19	0 26	0 36	0 60	0 90	1 45	2 50	2 50	2 50	2 50
	" " Galv'd	....	....	0 16	0 22	0 26	0 38	0 52	0 72	1 20	1 80	2 90	5 00	4 00	4 00	4 00

NOTE—Reducing Tees thus 1 ½ ¾ are read 1x¾x½. Always give end openings first, then side openings. In ordering Reducing Crosses, always mention all openings, reading straight across, then up and down; thus: 2 1 / 1 ¼ would read 2x1¼x1x1.

VITRIFIED SEWER PIPE.

MILES OF IT FOR SALE.

An enormous quantity of sewer pipe that was used in the Sewer System of the Exposition Grounds. All of it will be taken up in good condition, perfect hubs. Our stock of vitrified sewer tile pipe consists of approximately the following quantities:

Inside Dia.	Quantity.	Weight per foot.	Price per foot.
4 inch	10,000 ft.	10 pounds	5 cents
6 inch	12,000 ft.	16 pounds	7½ cents
8 inch	40,000 ft.	22 pounds	11 cents
10 inch	16,000 ft.	32 pounds	15 cents
12 inch	15,000 ft.	45 pounds	18 cents
15 inch	4,000 ft.	63 pounds	25 cents
18 inch	4,000 ft.	84 pounds	38 cents
21 inch	1,000 ft.	105 pounds	45 cents
24 inch	200 ft.	130 pounds	62½ cents
30 inch	800 ft.	240 pounds	$1.00

Special prices on large quantities

Branches, each 2 foot long.

4 inch	.20	15 inch	1.00
6 inch	.30	18 inch	1.50
8 inch	.45	21 inch	1.75
10 inch	.60	24 inch	2.50
12 inch	.75	30 inch	4.00

Curves and Elbows.

4 inch	.15	15 inch	.90
6 inch	.25	18 inch	1.15
8 inch	.40	21 inch	1.40
10 inch	.50	24 inch	2.00
12 inch	.63	30 inch	3.00

Traps in one piece.

4 inch	.40	12 inch	2.00
6 inch	.60	15 inch	2.50
10 inch	1.25		

Traps with hand hole.

4 inch	.50	10 inch	1.35
6 inch	.70	12 inch	2.10
8 inch	1.10	15 inch	2.50

Increasers and Reducers.

4 inch	.15	15 inch	.75
6 inch	.22½	18 inch	1.10
8 inch	.35	21 inch	1.30
10 inch	.45	24 inch	1.85
12 inch	.55	30 inch	3.00

Slants in 1 and 2 ft. lengths.

			Per Foot.
6 inch	.11	15 inch	.38
8 inch	.15	18 inch	.55
10 inch	.22	21 inch	.60
12 inch	.28	24 inch	.90

Write us quantity of this material you can use and we will name you a very low price.

BRANCH TEES OR MANIFOLDS.

FOR CIRCULATION.



FIG. 1.

FOR CIRCULATION.



FIG. 2

FOR BOX COILS.



FIG. 3.

All openings in Branch Tees for Circulation are tapped Right hand.
Branch Tees for Box Coils are always tapped Left hand in branches and Right hand in back inlet.

The Run and Back Openings are Tapped the same size as Branches.

No. of Branches.	1 Inch Branch Tees. 2¼ In. Center to Center.			1¼ Inch Branch Tees. 3 In. Center to Center.			1½ Inch Branch Tees. 3½ In. Center to Center.			2 Inch Branch Tees. 4½ In. Center to Center.		
	1 in. or 1¼ in. Run.	1½ in. Run.	2 in. Run.	1¼ or 1½ in. Run.	2 in. Run.	2½ in. Run.	1½ in. or 2 in. Run.	2½ in. Run.	3 in. Run.	2 in. Run.	2½ in. or 3 in. Run.	3½ in. Run.
2	$0.35	$0.40	$0.45				$1.10	$1.35	$1.55	$2.10	$2.30	$2.50
3	.40	.45	.55	$0.65	$0.75	$0.95	1.35	1.65	1.85	2.55	2.80	3.10
4	.45	.55	.65	.80	.95	1.15	1.60	2.00	2.20	3.05	3.40	3.70
5	.55	.60	.75	.95	1.15	1.45	1.90	2.30	2.50	3.55	3.90	4.30
6	.65	.70	.85	1.15	1.35	1.60	2.10	2.60	2.90	4.25	4.70	5.20
7	.75	.90	1.00	1.30	1.55	1.70	2.35	2.80	3.10	4.60	5.10	5.60
8	.90	.95	1.10	1.45	1.80	1.95	2.60	3.30	3.60	4.90	5.40	6.00
9	1.10	1.20	1.35	1.75	2.10	2.45	3.05	3.70	4.00	5.40	5.60	6.60
10		1.35	1.60	1.95	2.35	2.75	3.20	3.90	4.30			
11		1.80	1.95	2.00	2.50	2.90	3.40	4.20	4.60			
12		1.90	2.05	2.10	2.60	3.05						
13		2.20	2.40	2.40	2.80	3.30						
14		2.80	2.90	2.70	3.10	3.60						
15		3.00	3.10	3.00	3.40	3.90						
16		3.20	3.30	3.40	3.80	4.30						

1 inch Branch Tees, 1 inch or 1¼ inch run, are 1¾ inches Inside diameter.

1 inch Branch Tees, 1½ inch or 2 inch run, are 2¼ inches Inside diameter.

1¼ inch Branch Tees are all 2½ inches Inside diameter.

1½ inch Branch Tees are all 2¾ inches Inside diameter.

2 inch Branch Tees are all 3½ inches Inside diameter.

Always order Branch Tees by size and number.

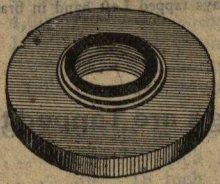
Let us make you a proposition on your Heating Plant. Tell us your requirements and we will give you much valuable information besides offering you an opportunity to save you money. We employ many men of brains.

CAST IRON HOOK PLATES.



No. of Hooks	1	2	3	4	5	6
For 1 inch Pipe 2½ inches between centers	$0.04	$0.08	$0.10	$0.11	$0.13	$0.16
" 1¼ " " 3 " " "	.04	.09	.12	.13	.16	.21
" 1½ " " 3½ " " "	.06	.11	.17	.24	.29	.36
" 2 " " 4½ " " "	.09	.17	.26	.36	.46	.55

CAST IRON FLANGES.



Diam. of Flange Inches	SIZE OF PIPE.—INCHES.																	
	⅜	½	¾	1	1¼	1½	2	2½	3	3½	4	5	6	7	8	9	10	12
3	$0.04																	
3½		$0.06	$0.06															
4		.09	.09															
4½		.10	.10	$0.10	$0.10													
5		.14	.12	.12	.12	$0.14												
5½		.18	.18	.16	.16	.16	$0.16	$0.16										
6		.20	.20	.17	.16	.16	.17	.17	$0.20									
6½		.26	.24	.24	.24	.22	.20	.20	.20	$0.26								
7½		.36	.36	.36	.36	.36	.36	.36	.36	.36	$0.36							
8½		.50	.50	.50	.50	.50	.50	.50	.50	.50	.50							
9		.55	.55	.55	.55	.55	.55	.55	.55	.55	.55	$0.55						
14									1.60	1.60	1.60	1.60	$1.60	$1.60	$1.60	$1.60	$1.60	
16														2.00	2.00	2.00	2.00	$2.40

DRILLING CHARGED FOR EXTRA.

NEW CAST IRON CASING FITTINGS.

For Cuts See Page 24

To be used on the Wrought Iron Casing (screwed ends) described on page 22

Sizes	3½ inch.	4 inch.
Elbows	$0.72	$1.00
45° Elbows	1.08	1.50
Tees	1.00	1.40
Crosses	1.40	1.90
Reducer to Standard Pipe	.80	1.10

MALLEABLE IRON FITTINGS.

SEE CUTS ON PAGE 24

Size Inches	⅛	¼	⅜	½	¾	1	1¼	1½	2	2½	3
Fig. 3 Elbows Right Hand Black	$0.01½	$0.01½	$0.02½	$0.04	$0.06	$0.08½	$0.10	$0.14	$0.20	$0.32	$0.60
Fig. 3 " R and L "	....	.02	.02¾	.05	.06¾	.10	.12	.16	.26	....	....
Fig. 3 " Right " Galv.	....	.02	.03	.05½	.08	.13	.16	.24	.36	.64	1.00
Fig. 9 Elbows 45° R. H. Black	....	.03	.04	.05	.07	.10	.14	.21	.33	.50	1.00
Fig. 9 " " " Galv.	....	.05	.06	.08	.10	.16	.20	.34	.54	....	....
Fig. 84 Elbows Street Black	....	.04	.04	.05	.08	.10	.16	.22	.36	.60	....
Fig. 84 " " Galv.	....	.05	.05	.06	.11	.14	.22	.32	.52	....	....
Fig. 7 Side Outlet Elbows black	....	....	.03	.04	.07	.12	.18	.24	.40	....	....
Fig. 4 Tees Black	.02½	.03	.03	.04½	.06	.10	.12	.18	.24	.42	.68
Fig. 4 " Galv.	....	.03½	.04	.06½	.08	.15	.20	.28	.40	.76	1.20
Fig. 10 Crosses Blacked	....	.03	.04	.05	.08	.12	.16	.24	.40	.70	1.20
Fig. 10 " Galv.	....	....	....	.07	.10	.18	.24	.36	.60	1.10	....
Fig. 14 Reducers Black	....	.01	.01	.02	.04	.06	.08	.11	.18	.28	.40
Fig. 14 " Galv.	....	....	....	.03	.06	.10	.14	.18	.30	.42	.66
Fig. 16 Caps Black	....	.01	.01½	.02	.03	.05	.06	.10	.12	.18	.34
Fig. 16 " Galv.	....	.01½	.02	.03	.05	.07	.10	.15	.20	.30	.52
Fig. 17 Return Bends Close Black	....	....	....	.05	.10	.14	.20	.30	.40	....	....
Fig. 17 " " " Galv.	....	....	....	.10	.14	.22	.30	.46	.66	....	....
Fig. 18 Return Bends Open Black	....	....	....	.06	.12	.20	.26	.34	.50	.80	1.20
Fig. 18 " " " Galv.	....	....	....	.10	.18	.28	.36	.50	.80	1.40	2.00
Fig. 19 Lock Nuts Black	....	.01	.01	.01½	.02	.03	.03½	.04½	.07	....	....
Fig. 19 " " Galv.	....	.01½	.01½	.02	.03	.04	.05½	.08	.12	....	....
Fig. 20 Unions Black	....	.07	.08	.09	.10	.12	.17	.23	.30	.62	.84
Fig. 20 " Galv.	....	.10	.12	.13	.16	.20	.28	.36	.46	.95	1.26
Brass Unions, Ground Joint	....	....	....	....	....	30	.35	.45	.55	....	....

RAILING FITTINGS.

MALLEABLE IRON. For Fences, Enclosing Engines and Machinery, Exhibition Spares, Etc.



Fig. 1



Fig 2.



Fig. 3



Fig 4



Fig. 5.



Fig. 6



Fig. 7



Fig. 8

MALLEABLE IRON RAILING FITTINGS.

PLEASE READ WITH CARE:

To construct a railing two pipes high, the upper outlet of all Fittings used in lower pipes should be tapped with *Left Hand Thread*, but when orders are sent us without specifying how outlets are to be tapped, All Fittings will invariably be furnished right hand.

As the fittings do not need to be steam or water tight a sufficiently clean thread to screw up well and make a good job can be made by running a left hand top into any outlet tapped right hand.

In ordering these fittings describe by number and size.

Prices quoted are for Right Hand only.

Size inches	⅛	¾	1	1¼	1½	2
No. 1 Elbow	$0.12	$0.15	$0.17	$0.30	$0.38	$0.60
No. 2 " Side Outlet	.17	.19	.21	.34	.42	.68
No. 3 Tee	.17	.19	.21	.34	.42	.68
No. 4 Tee Side Outlet	.25	.30	.30	.38	.46	.76
No. 5 Cross	.25	.30	.30	.38	.49	.85
No. 6 Cross Side Outlet	.30	.31	.34	.42	.52	1.46
No. 7 Floor Flange	.12	.13	.13	.17	.23	.25
No. 8 Acorn Ornament	.13	.15	.17	.21	.29	.31

Right and Left and Left Hand 15 per cent extra.

We Have a Stock of Hitching Posts—Ask About Them.

BRASS VALVES AND FITTINGS

We carry on hand at all times a complete stock of New Brass Valves and Fittings of all kinds. We are alive at all times to opportunities for purchasing complete stocks at SHERIFF'S and RECEIVER'S SALES. Our prices are always the lowest.



GLOBE VALVES.

No. 1. Solid Brass Globe Valves. Brand New.

Size, inches	⅛	¼	⅜	½	¾	1	1¼	1½	2
Price, each	$0.27	0.27	0.29	0.37	0.47	0.67	0.93	1.29	1.96



ANGLE VALVES.

No. 2. Solid Brass Angle Valves. Brand New.

Size, inches	⅛	¼	⅜	½	¾	1	1¼	1½	2
Price, each	$0.27	0.27	0.29	0.37	0.47	0.67	0.93	1.29	1.96



CHECK VALVES.

No. 3. Solid Brass Horizontal Check Valves. Brand new.

Size, inches	⅜	½	¾	1	1¼	1½	2	2½	3
Price, each	$0.26	0.33	0.43	0.59	0.83	1.16	1.76	3.50	4.80



GATE VALVES.

No. 10. Solid Brass Straight Way Double Gate Valves. Brand new.

Size, inches	¼	⅜	½	¾	1	1¼	1½	2	2½	3
Price, each	$0.46	0.46	0.49	0.65	0.92	1.30	1.80	2.75	5.00	7.00



STANDARD BRASS STEAM COCKS.

No. 32. Brand new. Flat heads.

Size, inches	¼	⅜	½	¾	1	1¼	1½	2	2½	3
Price, each	$0.24	0.28	0.36	0.50	0.68	1.05	1.20	1.80	3.60	5.60



BRASS GAS SERVICE COCKS.

No. 34. Brand new. Flat head.

Size, inches	¼	½	¾	1	1¼	1½	2
Price, each	$0.23	0.27	0.35	0.40	0.65	0.85	1.25

If you do not find Listed the Fittings or Valves you need, Write us.

IRON BODY VALVES, BRASS TRIMMED, BRAND NEW.

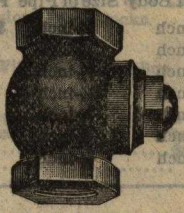
This List of Material is Fully Guaranteed. You Can Purchase with Perfect Confidence.



Globe Valves.



Angle Valves.



Check Valves.



Gate Valves.

The above cuts show screwed valves, but you will note we also list flanged valves.

		2 inch.		2½ inch.		3 inch.		3½ inch.		4 inch.		5 inch.		6 inch.	
		Screwed.	Flange.	Screwed.	Flange.	Screwed.	Flange.	Screwed.	Flange.	Screwed.	Flange.	Screwed.	Flange.	Screwed.	Flange.
No. A 20.....	Globe Valves	$2.45	$3 00	$3.15	$3.75	$4.35	$5.25	$5 25	$6.00	$5.65	$8.00	$9 45	$10 25	$12 00	$14.70
No. A 21.....	Angle Valves	2.45	3 00	3.15	3.75	4.35	5.25	5.25	6.00	5.65	8.00	9.45	10.35	12.00	14.70
No. A 22.....	Check Valves	1.15	1.80	2.40	2.85	3.15	4.00	4.25	5.60	5.00	6 30	7.70	9.10	10.50	12.25
No. A 23.....	Gate Valves	3.50	3.50	4.25	4.25	5.25	5.25	6.30	6.30	7.00	7.00	8.75	8.75	10.50	10.50

SOLID BRASS VALVES.



Brand New Jenkins' Disc Globe Valves. No. 50.

Size, inches..	⅛	¼	⅜	½	¾
Price, each...	$0.40	.40	.45	.55	.78
Size, inches..	1	1¼	1½	2	
Price, each...	$1.12	1.43	1.95	3.00	

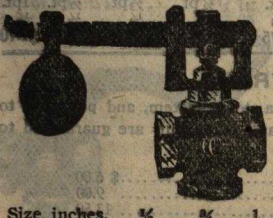
Brand New Jenkins' Disc Angle Valves, No. 50½.



Size, inches...	⅛	¼	⅜	½	¾
Price, each....	$0.40	.40	.45	.55	.78
Size, inches...	1	1¼	1½	2	
Price, each....	$1.12	1.43	1.95	3.00	

Jenkins' Disc Check Valves. No. 50¾

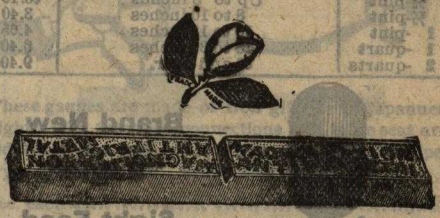
Size, inches.....	⅛	¼	⅜	½	¾
Price, each.....	$0.33	.33	.36	.39	.57
Size, inches.....	1	1¼	1½		2
Price, each.....	$0.78	1.10	1.50		2.25



Solid Brass Safety Valves Brand New. No. 11.

Size, inches,	½	¾	1	1¼	1½	2
Price, each,	$1.15	1.88	1.60	2.30	3.00	4.15

MAGNOLIA BABBITT METAL.



Comes in bars of about 3½ pounds.

Price, per pound..... $0.26

No. 1 Babbitt Metal.

Special grade, used on high speed engines or any machinery where speed and durability are required.

Price, per pound..... $0.14

No. 2 Babbitt Metal.

Desirable for separators, horse-powers, hangers, and bearings of all kinds.

Price, per pound..... $0.10

Solder.



The very best half-and-half, comes in bars of about 1½ pounds.

Price, per pound..... $0.22

Brand New Brass Lubricators



No. 29.

Diam. of Body	Size of Pipe	Price
1 -inch	⅜-inch	$0.48
1¼-inch	⅜-inch	.52
1½-inch	½-inch	.60
1¾-inch	½-inch	.64
2 -inch	½-inch	.75
2½-inch	¾-inch	.90
3 -inch	¾-inch	1.15

OIL CUPS.



No. 36.

Brand New.

Plain Brass Oil Cups.

Best Quality.

Pipe, size, in.	⅛	¼	¼	⅜	⅜
Diameter of body, in.	¾	1	1¼	1½	2
Price each	$0.07	$0.10	$0.15	$0.23	$0.47



Brand New Sight Feed Lubricator

No. 902.

Size.	Diameter of Engine Cylinder	Price Each
¼-pint	Up to 8 inches	$3.10
½-pint	8 to 10 inches	3.40
1 -pint	10 to 18 inches	4.65
1 -quart	18 to 30 inches	6.40
2 -quarts	30 and over.	9.40

Solid Brass Grease Cups.



No. 831.

Size.	00	0	1	2	3	4
Outside diam., in.	1	1¼	1½	2	2½	3
Pipe thread, in.	⅛	¼	¼	⅜	½	½
Price each	$0.16	$0.20	$0.25	$0.35	$0.48	$0.65



Brand New "Eagle" Sight Feed Lubricator.

No. 903.

Single Connections.

Size, pints	¼	⅛	½	1
Shank inches.	½	½	½	½
Price each	$2.00	$2.35	$2.50	$3.65

Powell's Patent Sight Feed Oil Cups.



Cross Bar Sight Feed, with Independent Stop Feed.

No. 904.

Number	00	0	1	1½	2	3	4	5	6
Outside diam. of Glass, inches	1	1¼	1½	1¾	2	2¼	2½	3	3¼
Height of Glass, inches	⅞	1⅛	1⅜	1⅝	1⅞	2⅛	2¼	2¾	4
Capacity	¼oz.	½oz.	3-5oz.	1oz.	2oz.	¼pt.	⅓pt.	½pt.	1pt.
Size of Shank, pipe thread inches	⅛	¼	¼	⅜	⅜	⅜	½	½	½
Price each	$0.50	$0.55	$0.60	$0.65	$0.75	$0.85	$1.00	$1.25	$1.70



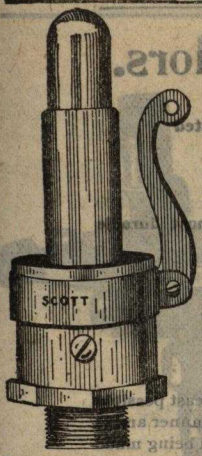
Item No. 25

STANDARD STEAM TRAPS.

These traps will eject the water of condensation from a steam system, and permit it to run into the sewer or to a hot well. These are second hand traps but are guaranteed to work perfectly. We test every one before shipment.

12-inch	capacity	700	ft. radiation, price	$ 6.00
15-inch	"	1100	" " "	9.00
18-inch	"	2000	" " "	13.50

We also have other patterns of steam traps, including Kieley, Nason, Anderson, etc. See list on another page.



Brand New Pop Safety Valves All Bronze, Phosphor Bronze Seats.

For Locomotives, Fire Engines, Portable and Hoisting Engines. These valves are provided with a lever to operate valve, or blow off all the steam when desired.

Size.	Horse Power.	Price each
¾	8	$1.75
1	12	2.10
1¼	18	2.60
1½	20	3.50
2	30	5.25
2½	50	8.00
2½	75	10.00
3	100	11.50

Brass Whistles with Spring Valves

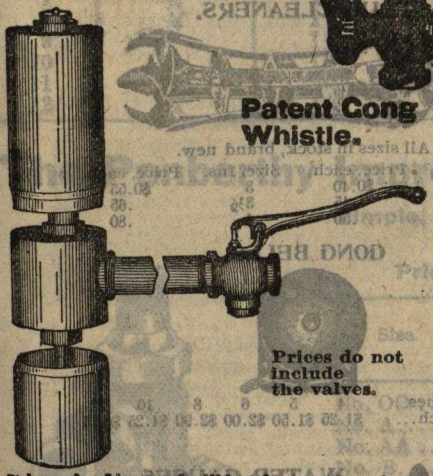
Brand New.

No. 44½. FINEST GRADE.

Diameter of Bell. Inches.	Price each.
1	$0.85
1¼	1.05
1½	1.15
2	1.55
2½	1.90
3	2.40
3½	3.25
4	4.25
6	6.50
8	9.50



Patent Gong Whistle.



Prices do not include the valves.

It is made of iron and will last forever. It makes an entirely different sound from an ordinary whistle. It can be heard distinctly from six to eight miles.

Diameter of gong	4 in.	6 in.	8 in.	10 in.
Size of steam inlet	1¼ in.	1½ in.	2 in.	2½ in.
Price	$7.25	$8.50	$12.00	$18.00

Whistle Valves.

Brand New Solid Brass



Size, inches.	Price, each.
½	$0.90
¾	1.05
1	1.20
1¼	1.75
1½	2.00
2	3.60
2½	6.00

No. 906.

The above prices do not include whistle valves.

Gauge Cocks.

No. 46. Brand new Compression Gauge Cocks.

Without Stuffing Box.

Sizes, inches.	Price, each.
⅜	$0.33
½	.36
¾	.40



No. 46.

No. 47.

Gauge Cocks.

With Stuffing Box.

Size, inches	⅜	½	¾
Price, each	$0.40	$0.45	$0.55

Ball Gauge Cocks.

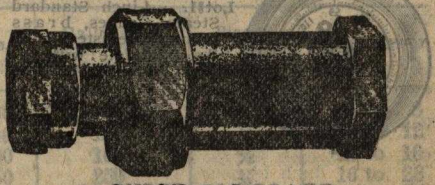


These gauges are made of iron gilded and Japanned weight. The threaded connections and valve seat are solid brass and will last forever, all for ¼-inch pipe Very simple and good. Brand new and warranted.

Price, each	$0.10
Per dozen	1.00

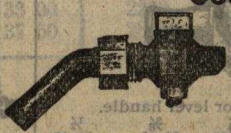
Expansion Joints.

No. 18.



Brand New. Brass. Sizes, inches:	1x4	1¼x4	1½x12
Quality	11	9	2
Price, each	$3.00	$3.35	$5.60

Brass, National Corporation Cocks.



No. 40.

Finest Grade. Brand New.

Size, inches	¼	⅜	½	¾	1	1¼
Price each	$0.33	.37	.46	.55	.95	2.35



Brand New Governors.

We carry a complete stock of these celebrated

KING GOVERNORS.

The most sensitive, the quickest acting and the most durable governor made in the United States.

NEAT IN DESIGN.

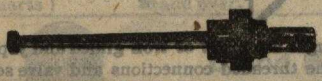
First-class in workmanship and material.

It will give the closest possible regulation and the least possible consumption of steam. It is built in a substantial manner and is intended for every-day service, the wearing parts all being made of the best metal. The automatic stop is positive.

NOTE OUR PRICES:

Size of Governor	¾	1	1¼	1½	2	2¼	2½	3	3½	4	4½	5
Diameter of base flange	4½	5	5	5½	7	7	8	9	9	10	11	12
Diameter of side flange	4½	5	5	5½	6½	7	7	8	8	9	9½	10
Height in inches	16½	19	22	24	28	30	32	34½	37	39	42	44
Radius of balls	2⅝	3⅛	3½	3¾	4½	4⅝	5	5⅜	5¾	5¾	6	6¼
Length of Shaft	6	7½	8¼	9	12	13	14	16	16	16	17	17
Diameter of pulley	1½	1¾	2	2	2½	2½	3	3¼	3¾	3¾	4	4¼
Width of Belt	1	1¼	1¼	1½	2	2	2½	3	3	3	3	3
Center of body to side flange	2⅛	3¼	3¾	3⅞	5	5¼	5½	6	7	7½	7¾	8⅜
Center of body to base flange	2⅜	3¼	3⅞	4¼	4⅞	5	5¼	5⅞	6⅞	7	7¾	8⅜
Number of revolutions	625	525	475	425	375	350	350	320	290	290	250	220
Price each	$9.50	$10.50	$12.00	$13.50	$16.00	$19.00	$22.00	$27.50	$33.00	$39.00	$45.00	$50.00

FLUE EXPANDERS.



Always on hand, brand new "Dudgeon" pattern flue expanders.

Size, Ins.	Price, each.	Size, Ins.	Price, each.
1¾	$2.45	3	$4.25
2	2.50	3¾	5.75
2¼	2.80	6	7.50
2½	3.30		

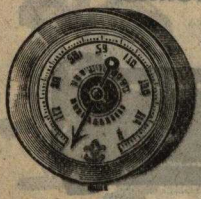
FLUE CLEANERS.



All sizes in stock, brand new.

Size, Ins.	Price, each.	Size, Ins.	Price, each.
2	$0.40	3	$0.55
2¼	.45	3½	.65
2½	.50	4	.80

STEAM GAUGES.



Lot 1. 4-inch Standard Steam Gauges, brass trimmed, registering 200 lbs. Complete with syphon. Price each..$1.75

Lot 2. 5-inch, same as above. Price each..$2.00

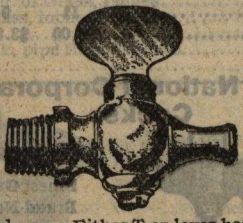
GONG BELLS.



Size, inches..	4	5	6	8	10	12
Price, each...	$1.25	$1.50	$2.00	$2.90	$4.25	$6.75

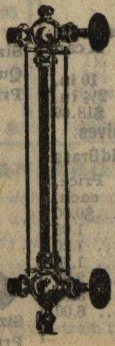
BRASS AIR COCKS.

No. 17.



Brand new. Either T or lever handle.

Size, inches	⅛	¼	⅜	½
Price, each	$0.09	$0.10	$0.12	$0.15



WATER GAUGES.

Brand New.

With brass body, iron wheels and two guards to protect glass tube; prices are for gauges complete, as shown in illustration.

Size connection ⅜ inch, glass ½x10. Price, each $0.85

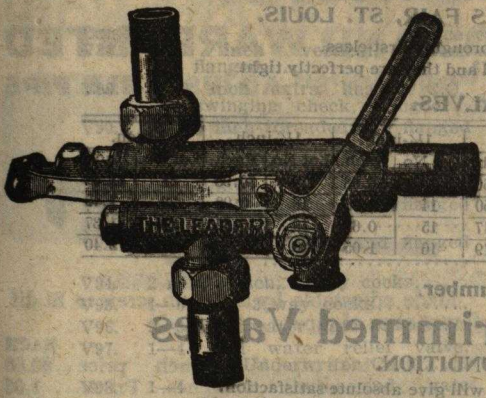
Size connection ½ inch, glass ⅝x12. Price, each.....$0.90

With four guards, finished body.

Size connection ½ inch, glass ⅝x12. Price each.....$1.50

Size connection ¾ inch, glass ¾x16. Price, each.....$2.00

Brand New Leader Injectors.



DESCRIPTION.

It has no movable parts in its internal construction; no loose valves, rings or springs to get out of order, and embodies simplicity, durability, neatness of design, great range of work under the various conditions required of injectors, high or low steam, long or short lift, without any adjustment or *change of tubes*, or Globe Valve in Suction Pipe.

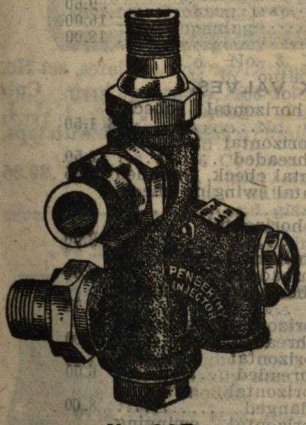
Will lift water from well or stream, heating and forcing into boilers at about 200 degrees temperature, whether engine is running or not. Operated by one lever; will lift water from 1 to 22 feet vertically, horizontal distance not so important when Suction Pipe is air tight.

Every Injector Tested and Fully Guaranteed.

No. of Injector.	Size of Pipes. Steam Pipe.	Size of Pipes. Suction and Feed.	Horse Power of Boiler, Will Feed.	Gallons per Hour, 60 lbs. Steam.	Price, Each.
1	⅜	⅜	3 to 7	60	$4 65
2	⅜	⅜	7 to 10	90	5 25
3	½	½	12 to 18	150	6 30
4	½	½	18 to 25	220	7 25
5	¾	¾	25 to 35	300	8 50
6	¾	¾	35 to 45	400	10 00
7	¾	1	45 to 60	500	11 50
8	¾	1	60 to 70	600	13 00
9	1	1¼	70 to 90	750	16 00
10	1	1¼	100 to 125	1000	18 50
11	1¼	1½	125 to 150	1300	21 00
12	1¼	1½	150 to 200	1800	26 00

The Penberthy Improved Automatic Injector.

Simple. Reliable.



No. 907.

Price List of Injectors, Including Strainer.

Size.	Price.	Gallons per Hour. 65 lbs. Pressure.	Size of Pipe Connection.	Horse Power.
No. OO.....	$4 80	60	⅜	4 to 8
No. A.....	5 40	120	½	8 to 12
No. AA.....	6 00	165	½	12 to 16
No. B.....	7 50	250	¾	16 to 28
No. BB.....	9 00	340	¾	28 to 40
No. C.....	12 00	475	1	40 to 57
No. CC.....	13 50	575	1	57 to 72
No. D.....	16 50	750	1¼	72 to 93
No. DD.....	18 00	920	1¼	93 to 120
No. E.....	22 50	1300	1½	120 to 160
No. EE.....	27 00	1740	1½	160 to 220
No. F.....	33 00	2270	2	220 to 290
No. FF.....	37 50	2800	2	290 to 308

Capacity based on 65 pounds steam, 4 feet lift.
A long lift decreases capacity in all injectors.

We have many good second hand Steam Pumps for sale.

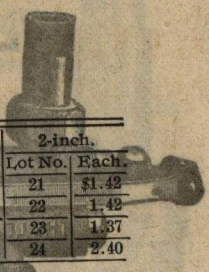
Second-Hand Valves.

They came from the WORLD'S FAIR, ST. LOUIS.

Our Second-Hand Valves are thoroughly first-class.

The Seats and Discs have been reground and they are perfectly tight

ALL BRASS VALVES.



	½-inch.		¾-inch.		1-inch.		1¼-inch.		1½-inch.		2-inch.	
	Lot No.	Each.	Lot No.	Each.	Lot No.	Each.	Lot No.	Each.	Lot No.	Each.	Lot No.	Each.
Globe Valves....	1	$0.27	5	$0.36	9	$0.50	13	$0.68	17	$0.98	21	$1.42
Angle Valves....	2	0.27	6	0.36	10	0.50	14	0.68	18	0.98	22	1.42
Check Valves....	3	0.25	7	0.31	11	0.47	15	0.63	19	0.85	23	1.37
Gate Valves.....	4	0.40	8	0.57	12	0.79	16	1.05	20	1.60	24	2.40

Order by Lot Number.

Iron Body-Brass Trimmed Valves

ALL IN GOOD CONDITION.

You purchase under a guarantee that they will give absolute satisfaction.

GATE VALVES.

Standard weight, suitable for pressures up to 100 pounds. Including Crane's C.C., Chapman, Michigan B. & I. Works, Kelley & Jones, Pratt & Cody, Galvin, Kennedy and others.

Lot No.		Threaded. Flanged. Price each.
V25.	2½	inch ..... $ 2.40
V26.	3	" 3.00
V27.	3½	" 3.60
V28.	4	" 4.00
V29.	4½	" 4.60
V30.	5	" 5.00
V31.	6	" 6.00
V32.	7	" 9.00
V33.	8	" 11.00

MEDIUM AND EXTRA HEAVY GATE VALVES.

V34.	5—4	inch Crane's, C.C., 500, threaded ..... $ 4.50
V35.	3—4	inch Crane's C.C., 800, flanged 10.00
V36.	1—5	inch Crane's C.C., 800, flanged 13.00
V37.	2—6	inch Crane's, C.C., 800, flanged 16.00
V38.	1—6	inch Crane's, C.C., 800, threaded 16.00
V39.	1—8	inch Crane's C.C., 800, flanged 24.00
V40.	5—10	inch Crane's, C.C., 800, flanged 40.00
V41.	1—12	inch Crane's, C.C., 800, flanged .....

SPECIAL GATE VALVES WITH BY-PASS.

V42.	4—8	inch Crane's, C.C., 800, 1½ inch by-pass, flanged 30.00
V43.	1—9	inch Crane's, C.C., 800, 1½ inch by-pass, flanged 40.00
V44.	1—8	inch Eaton, Ex. H., 800, 2½ inch by-pass, flanged 30.00
V45.	1—14	inch Crane's, C.C., 800, 3 inch by-pass, flanged 75.00

INDICATOR GATE VALVES.

V46.	3—3	inch, threaded ..... $ 5.00
V47.	17—4	M. B. & I. W., threaded... 6.00
V48.	5—6	M. B. & I. W., with 4½ and 5 feet extensions..... 7.50
V49.	6—8	inch 15.00

LARGE SIZED FLANGED GATE VALVES.

V50.	1—10	inch, single disc, Anderson. $14.00
V51.	2—10	inch, wedge discs, Crane's C.C. 18.00
V52.	6—16	inch, Frontier B. & I. Wks., with 23 inch flanges. 55.00
V53.	1—24	inch wedge discs, non-rising stem 70.00

GLOBE VALVES.

Standard weight, composition disc, Jenkins, Crane, etc.

Lot No.		Threaded. Flanged. Price each.
V54.	2½	inch ..... $ 1.80
V55.	3	" 2.50
V56	3½	" 3.00
V57.	4	" 3.80
V58.	4½	" 4.80
V59.	5	" 5.40
V60.	6	" 7.50
V61.	7	" 12.50
V62.	8	" 14.00

EXTRA HEAVY GLOBE VALVES.

V63.	15—6	inch, with 6x14 flanges.. $15.00
V64.	1—10	inch 40.00
V65.	1—12	inch 75.00

ANGLE VALVES, COMPOSITION DISC, JENKINS, CRANE, ETC.

		Threaded. Flanged.
V66.	2½	inch ..... $ 2.50
V67.	3	" 3.50
V68.	3½	" 4.00
V69.	4	" 4.50
V70.	4½	" 6.00
V71.	5	" 8.00
V72.	6	" 9.60
V73.	7	" 16.00
V74.	8	" 18.00

CHECK VALVES.

V75.	2½	inch horizontal check, threaded ..... $ 1.50
V76.	2½	inch horizontal swinging check, threaded 2.50
V77.	3	inch horizontal check, threaded 2.25
V78.	3	inch horizontal swinging check, threaded 3.00
V79.	3½	inch horizontal check, threaded 3.00
V80	3½	inch horizontal swinging check, threaded 4.00
V81.	4	inch horizontal check, threaded 3.75
V82.	4	inch horizontal swinging check, threaded 5.00
V83	5	inch horizontal swinging check, threaded 6.00
V84.	6	inch horizontal swinging check, flanged 8.00
V85.	6	inch horizontal swinging check, threaded 8.00
V86.	8	inch horizontal swinging check, threaded 12.00
V87.	12	inch horizontal swinging check, flanged 22.50

Write for list of flanged fittings and special flanged pipe—sizes up to 24 inch.

Miscellaneous Valves.

Lot No.		Price each.
V88.	1—6 inch vertical, check flanged	$10.00
V89.	1—6 inch extra heavy, C.C., swinging check, flanged	15.00
V90.	2—2½ inch threaded and flanged angle	2.00
V91.	2—3 inch threaded and flanged angle	3.00
V92.	1—3½ inch threaded and flanged angle	3.75
V93.	1—4 inch threaded and flanged angle	4.50
V94.	2 new 3 inch, 3 way cocks	2.00
V95.	1—6 inch, 3 way cocks	9.00
V96.	2—3 inch water gate valves	3.50
V97.	1—4 inch water relief valve, Am. Underwriter Co.	15.00
V98.	1—4 inch hub end gate (Henry)	5.00
V99.	1—7 inch flanged angle, blank flanges	13.50
V100.	1—4 inch electric alarm valve, Neranger Pat.	10.00

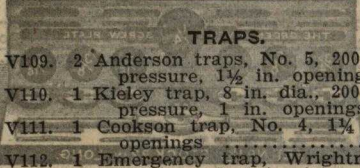


BACK PRESSURE VALVES.

V101.	1—2½ inch, threaded	$ 2.60
V102.	3—3 inch, threaded	3.00
V103.	2—4 inch, threaded	4.50
V104.	4½ inch, threaded	5.70
V105.	5 inch, threaded	6.70
V106.	6 inch, threaded	8.60

QUICK OPENING GATE VALVES.

V107.	40—6 inch, flanged, double disc, Scott Valve Co.	$ 8.00
V108.	46—10 inch, flanged, single disc for light pressure, Scott Valve Co.	15.00



TRAPS.

V109.	2 Anderson traps, No. 5, 200 lb. pressure, 1½ in. openings	$25.00
V110.	1 Kieley trap, 8 in. dia., 200 lb. pressure, 1 in. openings	10.00
V111.	1 Cookson trap, No. 4, 1¼ in. openings	18.00
V112.	1 Emergency trap, Wrightman Co., No. 3, 1 in. inlet and 1¼ in. outlet	12.00
V113.	1 Kieley, 200 lb. pressure, 1 in. openings	10.00
V114.	1 Cookson, No. 6, 1½ in. inlet and 2 in. outlet	35.00
V115.	7 No. 6 Cookson steam traps, 2 in. inlet and outlet, by-pass, water glass connection and glass	35.00
V116.	1 No. 3 Morehead steam return trap, 1½ in. connections, capacity 9,000 square feet radiation	75.00
V117.	3 Automatic boiler feeds, 1 in. connections	10.00

For low pressure steam boiler. They are governed by a float and where city water pressure is higher than boiler pressure they will automatically admit water to the water line of the boiler.

V118.	Bundy separator, 8 in. flanged	40.00
V119.	15—12 inch single disc gate valves, flanged for light pressure	17.50

FLANGED GATE VALVES WITH BY-PASS.

Lot No.		Price each.
V120.	1—10 inch, C.C., 500, 2 inch by-pass, tongue and groove flanges	$30.00
V121.	2—10 inch, C.C., 500, 2 inch by-pass, plain flanges	30.00
V122.	2—10 inch, Ex. Hvy. Eaton, 2½ inch, by-pass, tongue and groove flanges	30.00
V123.	1—10 inch, Ex. Hvy., Matterne, 2 inch, by-pass, plain flanges	30.00
V124.	3—10 inch, Ex. Hvy., Chapman, 1½ inch, by-pass, tongue and groove flanges	30.00
V125.	3—12 inch, Ex. Hvy., Crane, 2½ inch, by-pass, pl'n flanges.	40.00
V126.	1—12 inch, Ex. Hvy., Crane, 2½ inch, by-pass, tongue and groove flanges	40.00
V128.	2—14 inch, Ex. Hvy., Eaton, 3 inch, by-pass, tongue and groove flanges	75.00
V129.	4—16 inch, Ex. Hvy., Eaton, 4 inch, by-pass, tongue and groove flanges	90.00
V130.	1—18 inch, Ex. Hvy., Eaton, 4 inch, by-pass, tongue and groove flanges	100.00

GATE VALVES.

V131.	9—8 inch, Ex. Hvy., Chapman, tongue and groove flanges.	$30.00
V132.	7—12 inch, Standard Chapman, plain flanges	23.00
V133.	2—12 inch, Standard Mich. B. & I. Wks., plain flanges	23.00
V134.	1—12 inch, Standard Mich. B. & I. Wks., with companion flanges	25.00
V135.	2—10 inch, Standard Mich. B. & I. Wks., threaded indicator.	20.00

QUICK OPENING GATE VALVES, FLANGED.

V136.	20—12 inch, Scott single disc, tapped 1½ inch on bonnet.	$15.00
V137.	4—12 inch, Eddy single disc, with companion flanges.	17.50

HUB GATE VALVES, FOR CAST IRON WATER PIPE.

Manufactured by Rensselaer Co., Troy, N. Y.

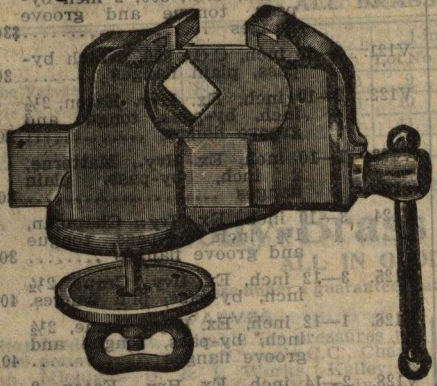
V138.	20—4 inch	$ 4.00
V139.	4—6 inch	6.00
V140.	3—8 inch	10.00
V141.	1—10 inch	16.00
V142.	4—12 inch	22.50
V143.	1—24 inch	120.00

As the work of dismantling the Exposition progresses, we will have a great many more valves, ranging up to 36 inch. Write us for anything in the valve line.

PIPE TOOLS.

ALL CLEAN NEW GOODS AND WARRANTED

COMBINATION VISES.



Strongest combination Pipe Vise made. Swivel base guaranteed not to slip. Pipe Jaws are Reversible. Best Materials. Finest Finish.

No. 1, width of jaw 3½ in., weight 45 lbs., capacity ⅛ to 2 in. Price..... $5.40

No. 2, width of jaw 4 in., weight 70 lbs., capacity ⅛ to 3 in. Price..... 6.65

No. 3, width of jaw 4¾ in., weight 105 lbs., capacity ⅛ to 4 in. Price..... 9.00

EXTRA IMPROVED PIPE VISE.



Brand new, open hinge Pipe Vises, exactly same as cut. Has interchangeable jaws made of solid steel, and so durable that it will do extra heavy work. Fully warranted.

No. 286 holds pipe ⅛ to 2. Each..... $1.85

No. 287 " " ¼ to 3. " 2.30



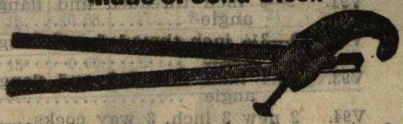
No. 285.

Strongest Pipe Vise made. More convenient and more durable than old style "malleable vise." Can be used on bench or post, in any position. Finest finish, best materials. Guaranteed superior to any other pipe vise. Brand new and perfect. Holds ⅛ to 2-inch pipe. Weighs 8 lbs.

Price each..... $2.35

"BROWN'S" ADJUSTABLE PIPE TONGS.

Made of Solid Steel.



Made adjustable by a thumb screw to fit different sizes of pipe.

	EACH
No 1 ½ to take pipe ⅛ to 1 inch. price	$0.65
No 3 to take pipe 1 to 2 inches. Price	1.05
No 4 to take pipe 1½ to 3 inches. Price	2.00

THREE WHEEL PIPE CUTTER.



We have on hand a complete stock of these Improved Three Wheel Cutters; guaranteed brand new and perfect in every way. We warrant them equal to anything on the market. The wheels are made of refined tool steel, while the body and handles are made of wrought iron. Simple and strong and will do excellent work.

No. 1	Cuts from ⅛ to 1.	Price, each	$1.03
" 2	" " 1 " 2.	" "	1.40
" 3	" " 2 " 3.	" "	2.80

GREEN RIVER SCREW PLATES.



Brand new Green River Screw Plates, set No. 1½ 1-31 V thread Stock 22 inches long. Cuts from ¼ to ¾ inch. Seven sizes ¼, ⅝, ⅜, ⅞, ½, ⅝, ¾ inch. Complete in case as shown with taps, dies and guide.

Price per set..... $9.25

SET NO. 5, BRAND NEW.



¼ to 1 inch. Stock 20 inches long Nine sizes, ¼, ⅝, ⅜, ⅞, ½, ⅝, ¾, ⅞, 1 in. Complete in case shown, with taps, dies and guide.

Price, per set..... $16.50

NOTICE OUR PRICES ON INCANDESCENT LAMPS

HIGH GRADE PIPE STOCKS AND DIES.

WE ALWAYS HAVE THEM ON HAND.



The dies used in these outfits are the "Q." and "E." Dies, they combine the advantages of durability and easy cutting.

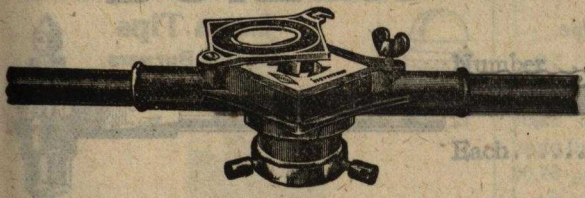
STRENGTH AND SUPERIOR CUTTING QUALITIES are gained by the use of the right material in the right place, in such proportions as the severe nature of the work requires. This is accomplished in the Q. and E. Dies by uniting the BEST TOOL STEEL for cutting edges with a low grade, non-hardening body.

The Steel Sections or Chasers, are placed at an angle that long experimental work has determined to be the correct position for free and easy thread cutting. We confidently recommend these Stocks and Dies to the trade and users as the most substantial pipe threading outfits manufactured.

MALLEABLE IRON PIPE STOCKS WITH Q. & E. DIES.



No.	0	1	1½	1¼
Dimensions of Dies	2 x 2 x ½	2½x2½x¾	3 x 3 x ¾	3 x 3 x ¾
Pipe Sizes of Dies	⅛, ¼, ⅜, ½	¼, ⅜, ½, ¾, 1	¾, 1, 1¼	1, 1¼, 1½
Stock Complete with R. H. Dies	$2.75	$3.30	$3.05	$3.05



No. 2. With Lead Screw...	
Dimensions of Dies	4x4x¾
Pipe Sizes of Dies	1¼, 1½, 2
Stock Complete with R. H. Dies	$4.40

No. 3—With Lead Screw—For Threading 2½ and 3 Inch Pipe Only.

Dimensions of Dies	5 x 5 x 1¼
Pipe Sizes of Dies	2½ and 3 inches
Stock Complete with R. H. Dies	Each, $12.65

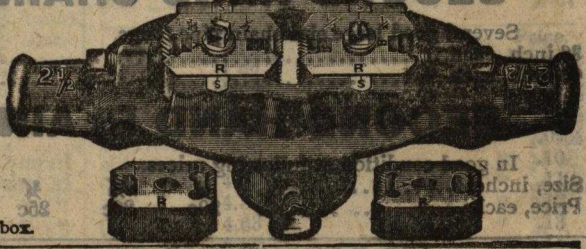
EXTRA DIES AND GUIDES.

See Cut of Die at Head of Page.

Dimensions	Sizes (enter right or left hand.)	Price Each Die.	Price Each Guide.
2 x 2 x ½	⅛, ¼, ⅜, ½, ¾,	$0.38	$0.05
2½ x 2½ x ¾	⅛, ¼, ⅜, ½, ¾, 1	.50	.07
3 x 3 x ¾	⅛, ¼, ⅜, ½, ¾, 1, 1¼, 1½	.63	.09
4 x 4 x ⅞	½, ¾, 1, 1¼, 1½, 2	.75	.10
5 x 5 x 1¼	2½, 3. (Right only.)	2.25	

ARMSTRONG ADJUSTABLE STOCKS AND DIES.

NUMBER.	THREADS.	COMPLETE.
2	⅛ to 1 in.	$4.00
2½	½ to 1¼ in.	4.00
3	1¼ to 2 in.	7.25



Each set packed in a nice varnished hardwood box.

THESE TOOLS ARE FULLY GUARANTEED.

TRIMO PIPE WRENCHES.





This Wrench is *drop forged* from bar steel, is *interchangeable* in all its parts, and has no wooden handle to break. Does not *lock* upon the pipe, but releases its hold readily. Grips the pipe firmly without lost motion. Does not crush the pipe nor slip. The movable jaw and the nut are made with a *round* top and bottom thread, guaranteed not to *strip* or *burr*. An *inserted* jaw is placed in the handle, which can be renewed for little expense when dull or worn.

Length open in inches.	6	8	10	14	18	24	36	48
Takes from.....	⅛ in. wire to ⅛ in. pipe	⅛ in. wire to ¾ in. pipe	⅛ in. wire to 1 in. pipe	¼ in. wire to 1½ in. pipe	¼ in. wire to 2 in. pipe	¼ in. wire to 2½ in. pipe	½ in. pipe to 3½ in. pipe	1 in. pipe to 5 in. pipe
Price each.....	$0.80	$0.80	$0.95	$1.25	$1.70	$2.50	$5.00	$7.50

BROCK'S CHAIN WRENCH.

HAS A GRIP THAT WON'T COME OFF.



DROP FORGED FROM STEEL BAR. YANKEE PATTERN.

SPECIAL POINTS:

No. 1 Will take Pipe Fittings. The only Chain Wrench that will.
No. 2 Will work in closer quarters than any other Chain Wrench made
No. 3 By swinging the chain from one side to the other, this Wrench will take more intermediate sizes of pipe than any other Wrench made.
No. 4 Oblong handle; has greater resisting power than round handle.
No. 5 Teeth milled and tempered.

Size.....	No. 1	No. 2	No. 3	No. 3½	No. 4	No. 5
Price.....	$1.90	$2.70	$3.75	$4.90	$5.95	$10.75
Capacity...	1-4 to 2 in.	1-4 to 3 in.	3-4 to 6 in.	1 to 8 in.	1 1-2 to 10 in.	2 to 14 in.
Length	20 inches	27 inches	37 inches	44 inches	50 inches	64 inches
Extra chain	$0.60	$1.20	$1.80	$2.10	$2.40	$3.60
Weight....	5 pounds	8 pounds	16 pounds	21 pounds	28 pounds	45 pounds

SECOND HAND CHAIN PIPE TONGS.

Several good large size chain pipe tongs.
36 inch, each..... $2.00
60 inch, each..... 3.00

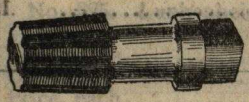
SECOND HAND PLAIN PIPE TONGS.

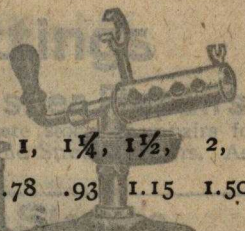
In good condition at following prices:

Size, inches.....	¼	½	¾	1	1¼	2	2½	3
Price, each	20c	20c	25c	30c	35c	50c	55c	75c

WE BOUGHT THE ST. LOUIS WORLD'S FAIR.

PIPE TAPS





Size, inches,	1/8,	1/4,	3/8,	1/2,	3/4,	1,	1 1/4,	1 1/2,	2,
Price, each, $	0.28	.33	.38	.45	.62	.78	.93	1.15	1.50

PIPE REAMERS



Size, inches,	1/8,	1/4,	3/8,	1/2,	3/4,	1,	1 1/4,	1 1/2,	2,
Price, each, $	0.28	.33	.38	.45	.62	.78	.93	1.15	1.50

BOILER RATCHET





Number	1	2
Size, inches	10,	12,
Each	$4.00	$4.50

BOILER TUBES

FOR RETUBING PURPOSES



We offer below an opportunity to purchase the finest selected Boiler Tubes at prices that mean an enormous saving to you. These Tubes are carefully inspected before shipment and we guarantee them absolutely satisfactory for retubing boilers of any kind.

We ship them forward with the understanding that you will be satisfied with them, and give you the privilege upon inspection, to return them to us provided you do not find them up to our representations, and you can return them then at our expense for freight.

We cut these tubes to length. They have square ends, are straight, and are practically free from rust and scales.

Outside Diameter, inches.	Thickness, inches.	Weight, per foot.	Price, per foot.
2	.095	1.92	$0.06½
2¼	.095	2.17	.07½
2½	.109	2.73	.08½
2¾	.109	3.08	.09½
3	.109	3.25	.10
3¼	.120	4.03	.11
3½	.120	4.32	.12
3¾	.120	4.63	.13
4	.134	5.62	.14
4½	.134	6.17	.16



Plumbers' Gasoline Torch

For Thawing Frozen Water Pipes, Etc., Etc.

Made of extra heavy drawn brass, fitted with air pump. The burner is the best. Price, each, $2.90



Rain and Well Water Cocks

For Iron Pipe

No. 403.

Size, inches	1	1¼
Price, each	$3.75	$5.00

Price each for lead pipe, 1 in., $3.00; 1¼ in., $4.00

Monitor Heater Burner.



No. 406

These burners are just the thing to screw on a gas fixture and heat a cup of water or a curling iron almost instantly. They make an intensely hot blue flame without smoke or odor, and are exactly the right size to screw on where the gas tip has been removed.

Size Burner	1	2
Price, each	25	30

Payne's Corporation Cocks

No. 843.	24 ⅜ inch.		Each		35c
11 ⅛ inch.	Wiper connection.		Each		$1.10
10 ⅝ "	"	"	"	....	1.25
13 ¾ "	"	"	"	.....	1.60

Mueller Corporation Cocks

No. 344.

24 ⅜ inch.	Each					55c
24 ⅜ "	"					35c
24 ⅜ "	"					40c
17 ⅞ "	with wiper	connection.		Each		$1.10
9 ⅝ "	"	"	"	"	..	1.25
1 ¾ "	"	"	"	"	..	1.60



Steam Gauge Cocks

No. 404.

Size	¼ in.
Each	.15



Gas Burners.

"New Market"

No. 407.

Price per dozen ..... .35



Lava Tips

For Gas Burners.

No. 408.

Per dozen... .08 Per gross... .80

Hitching Blocks



Round Octagonal

Good Iron Horse Weights always on hat

Diameter	Thickness	Weigh
6	1⅝	12
6½	1⅞	14
6¾	2	16
6⅞	2	18
7¼	2⅛	20
7½	2¼	25
8¼	2½	30
8½	2¾	35

	Price per pound
In any quantity	2½c
In lots of 25 lbs.	2⅓c
" " " 50 "	2¼c
" " " 100 "	2c

Steam and other Fittings

Lunkenheimer Valves

No. 325. Lunkenheimer's Swinging Check Valves.

Size, inches	1	1¼	2
Quantity	14	34	3
Price, each	$0.75	1.10	2.20

No. 326. Lunkenheimer's Handy Gate Valves.

Size, inches	½	¾	1	1¼	1½	2	2½
Quantity	6	2	6	10	13	19	3
Price, each	$0.65	.72	1.00	1.40	2.00	3.00	5.40

No. 327. Lunkenheimer's Angle Valves.

Size, inches	¼	⅜	½	¾	1	1¼	1½	2
Quantity	7	28	20	19	20	20	10	5
Price, each	$0.35	.40	.55	.70	1.00	1.40	1.95	3.10

No. 328. Lunkenheimer's Butterfly Valves—Throttle Butterfly or Vacuum Valves.

	All Brass		Iron Body		
Size, inches	1¼	1½	2	2½	3
Price, each	$2.00	2.25	2.40	2.75	3.50

Lock Shield Brass Valves



No. 329. Globe and Angle, All Brass, Brand New.

46 ½-inch Angle Valves, each.....27c
140 ½-inch Globe Valves, each.....27c
83 ⅜-inch Globe Valves, each.....22c
15 ½-in. Globe Valves, nickel plated, each..33c

Float Valves



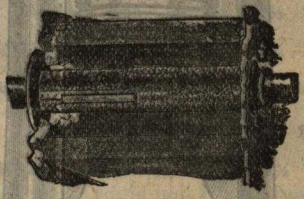
"Enterprise" Reversible Float and Outlet Valves for automatically controlling the flow of water in reservoir tanks, cisterns, stock tanks, etc. The only positive closing float valve in use. Equally effective under high or low pressure. Valve opens with the flow instead of against it. Will not chatter. Has brass valve seat. Valve will not stick. Is not injured by freezing as all plug valves are. Pressure is resisted by pivot bolt arch instead of the buoyancy of float. By reversing the lever a perfect working outlet valve is obtained.

Size, inches	¾	1	1¼
Price, each	75c	85c	$1.00

Street Washer Repairs

No. 331. A complete stock of repairs for Murdock Hydrants and Street Washers. Ask for cuts and prices.

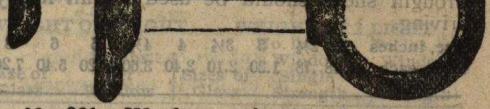
Floor Sleeves



No. 320. Galvanized Perforated Floor Sleeves.

Sizes, inches	¾	1	1¼	1½	2	2½
Prices, each	0.30	.35	.40	.45	.50	.55

Expansion Pipe Hangers

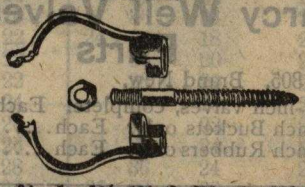


No. 321. We do not furnish the Extension rod or nipple. These are usually cut to fit on the job.

Sizes, inches	1	1¼	1½	2	2½	3	4	5	6	8
Price each	.04½	.05	.6½	.7½	.09	.11	.16	.27	.35	.60

Kelly & Jones Adjustable Hangers

No. 322.



Size, inches	¾	1	1¼	1½	2	2½	3	3½	4	8
Price, each	.07	.08	.10	.13	.15	.18	.22	.30	.35	1.30

Cast Iron Slop Sinks

Painted

No. 323. 12x12x6. Combined slop sink and bell trap, strainer, etc. Each.....$1.00

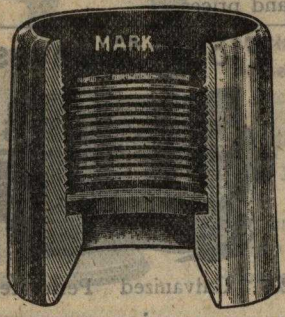
15x15x11½	Ditto each	$1.50
20x24x12	" "	2.25
14x20x12	" "	1.60
16x16x10	" "	1.25
16x16x8	" "	1.25

No. 324. Cast Iron Slop Sinks, painted, with out bell trap but with strainers, bolts, etc.

12x12x6	Each	$1.00
16x16x10	"	1.10
16x16x6	"	1.05
14x14x6	"	1.00

Well and Pump Supplies

CAST STEEL DRIVE SHOES



(for Artesian and Tubular Wells)

No. 303. These drive shoes are made of steel forgings and have long recess, as shown by illustration, to prevent the pipe from spreading or breaking off at end of threads. They have inside shoulder to prevent pipe from being forced through the shoe. These forged steel wrought shoes should be used for all heavy driving.

Size, inches	2	2½	3	3½	4	4½	5	6	8
Price, each	$0.48	.78	1.20	2.10	2.40	3.60	4.20	5.40	7.20

Pump Rod Couplings

GALVANIZED

No. 304.

Size, inches	⅜	7/16	½
Price, each	3c	4c	5c

Marcy Well Valves and Parts

No. 305. Brand New.

9	2½-inch valves, complete. Each	$1.25
10	2-inch Buckets only. Each	.50
65	2-inch Rubbers only. Each	.08

Turned Couplings



No. 306. Brand New. 1¼ inch for two-inch cylinder. Each 15c

Pump Cylinders



No. 307. All Brand New.

Size		Price, each
3½ x 12	Brass Lined	$2.25
3½ x 10	" "	2.10
3 x 12	" "	1.90
3 x 14	" "	2.10
3 x 12	" Outside Cap	1.90
2 x 16	" Flush "	1.80
2 x 10	" " "	1.50
2½ x 16	" " "	2.25
2½ x 16	" Outside "	1.65
2½ x 10	" " "	1.60
3 x 12	" " "	1.90
3 x 10	" " "	1.80
3½ x 12	" " "	2.50
3 x 10	" Flush "	1.80
3 x 12	" " "	1.90
2 x 12	" " "	1.60
3 x 16	" " "	2.50
2 x 14	" " "	1.70
2½ x 14	" " "	1.85
3 x 14	" Outside "	2.05
2½ x 14	" " "	1.85
2½ x 12	" " "	1.70
2½ x 16	" " "	2.50

Eureka Cylinders



No. 318. This Cylinder is made of seamless drawn brass tubing and fitted with perfection check valve, far more durable than the poppet valve used in other makes of cylinders. It is set in place after the well is made, using the setting tool attached to the drill rod to crowd it down to its place. The Dog Spring Coupling holds firmly to the walls of the inside of pipe or well casing, while the Cylinder proper is revolved by the setting tool as it screws down on the coupling, expanding the rubber packing between the Cylinder and coupling and locking it to the pipe. It may be attached to the screen point in the same manner. Printed directions for use sent with each cylinder. Size of well, 2 inches. Inside diameter, inches, 1 13/16.

Price, Cylinder Complete $2.25
Seating tools for above 0.25

Spring Coupling

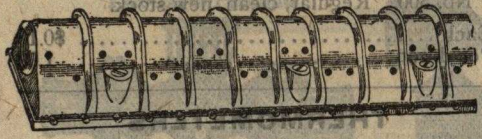
No. 319. For 2 inch cylinders. Either Right or Left Hand. Each $1.00

No. 296. One 8-inch Palmer's, Back Water Trap, new. Price $5.00

No. 297. Two 4-inch Palmer's, Back Water Traps, new. Each $2.50

Gas Burners

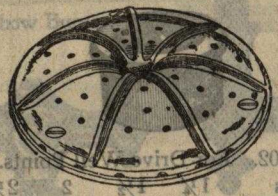
For Natural or Artificial Gas



No. 332. The Marion Stove Burner, either end or center openings.

Size, length, inches	12	14	16	18	20	24
Price, each	25c	35c	40c	45c	50c	55c

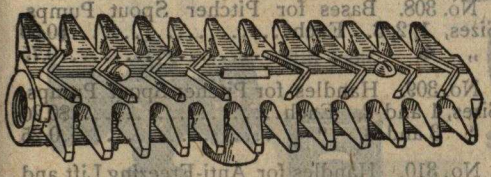
Threaded for 1- or 1¼-inch pipe.



No. 333. The Marion or Round Burner.

Diameter, inches	4	6	8	10	12
Price, each	15c	25c	40c	50c	65c

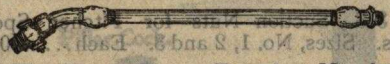
Threaded for 1- or 1¼-inch pipe.



No. 334. Byram Long Garbage Burner.

Size, inches	12	16	18	20
Price, each	25c	35c	40c	45c

Service Connections



For Mueller or Payne Tapping Machine.

Mueller or Payne Corporation Cock, wiped on one end, of 18 inch extra strong lead pipe. Brass soldering nipple wiped on other end.

Size,	½ in.	⅝ in.	¾ in.	1 in.
Each,	$1.50	$1.60	$1.75	$2.50

Corporation Cocks Only for Mueller Machine

Size,	½ in.	⅝ in.	¾ in.	1 in.
Price,	$0.45	$0.65	$0.80	$1.25

Sash Weights



Always on hand, a complete stock of regular Iron Sash Weights.

Table of Weight Diameter and Length

Weight, Pounds	3	3½	4	4½	5	5½	6	6½	7	7½
Diameter, Inches	1½	1⅝	1½	1½	1⅝	1⅝	1⅝	1¼	1½	1½
Length, Inches	7¾	7¼	?	9	10	10½	12	12	15½	16

Weight, Pounds	8	8½	9	10	11	12	13	14	15	16
Diameter, Inches	1⅝	1½	1⅝	1⅞	1¼	1¼	1¼	1¼	1¼	1¼
Length, Inches	15¾	16½	16½	17	17¼	20	20½	22¼	24¼	27

Weight, Pounds	17	18	19	20	21	22	23	24	25	26
Diameter, Inches	1¼	2	2	2	2	2	2⅛	2⅛	2	2⅛
Length, Inches	27½	23	24	25	26½	27½	27¾	29½	31¼	31

Rule for Determining Weights

In hanging windows, four sash weights of one-fourth of following are needed for each window.

WEIGHT OF 4 LIGHT		WEIGHT OF 2 LIGHT		
Size of Glass	No. lbs. per Window	Sizes of Glass	No. lbs. per Window Single Strength	No. lbs. per Window Double Strength
12 x 20	16	20 x 28	18	22
12 x 22	18		30	18	22
12 x 24	18		32	20	24
12 x 26	20		34	22	26
12 x 28	20		36	22	26
12 x 30	20	22 x 28	20	24
12 x 32	22		30	20	24
12 x 34	24		32	22	26
12 x 36	24		34	24	28
13 x 24	20		36	24	28
13 x 26	22	24 x 24	18	24
13 x 28	22		26	20	24
13 x 30	22		28	20	24
13 x 32	24		30	20	24
13 x 34	26		32	22	26
13 x 36	26		34	24	28
13 x 38	28		36	24	28
14 x 24	22	26 x 28	22	26
14 x 26	24		30	22	26
14 x 28	24		32	24	28
14 x 30	24		34	26	30
14 x 32	26		36	26	30
14 x 34	28		38	28	32
14 x 36	28		40	28	32
14 x 38	30	28 x 28	24	28
14 x 40	30		30	24	28

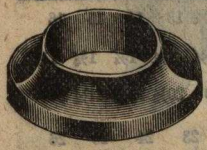
Prices	Price per pound
In any quantity	2c
In lots of 100 lbs	1¾c
" " " 250 lbs	1½c
" " " 1000 lbs	1¼c

Basin Cock Repairs

Fuller Balls. Made of hard rubber. All sizes. For Fuller basin cocks, bath cocks, or for ½ inch, ⅝ inch or ¾ inch bibbs. Each $0.05



No. P0020



No. P0021

Red rubber bibb washers, for repairing compression bibbs, basin cocks or bath cocks. Sizes, ⅜, ½, ⅝, ¾. Each $0.02

Stoppers for basin or bath tubs.
Basin stoppers, ea..$0.10
Bath " ea.. 0.15



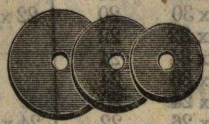
No. P0022



No. P0023

Rubber basin washers, to fit inside earthenware basins when the basin plug is made up tight to prevent leakage.
Price each $0.01

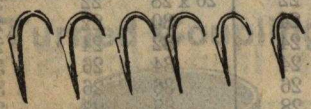
Rubber Sink Gaskets, to be used instead of putty in making up the collar. Price ea $0.10



No. P0024.

New Gas Pipe Hooks

No. 298.



Size, inches	½	¾	1	1¼	1½	2
Per hundred	$0.38	.60	.75	.85	1.35	1.60

Wax Tapers

No. 299. Full length, regular stock, in boxes.
Per box 5c

TAPER SLIDE AND KEY



No. 300. Regular, clean, new stock.
Each $0.10
Per dozen..... 1.00

THERMOMETERS

(for Hot Water, Heating Plants)

No. 301. Brand, new made with thread to screw into boiler. Price, each.....$1.00

DRIVING CAPS



No. 302. For Drive Well Points.

Size, inches	1¼	1½	2	2½	3
Price, each	$0.20	.24	.44	1.00	1.50

Pump Repairs

No. 308. Bases for Pitcher Spout Pumps. Sizes, 1, 2, 3. Each.....$0.50
" 4. " 0.75

No. 309. Handles for Pitcher Spout Pumps. Sizes, 1 and 2. Each.....$0.20
" 3 and 4, " 0.25

No. 310. Handles for Anti-Freezing Lift and Force Pumps. Price, each.....$0.50

No. 311. Spouts for Anti-Freezing Lift and Force Pumps. Price, each.....$0.20

No. 312. Cylinders for Pitcher Spout Pumps For sizes 1, 2 and 3. Each.....$0.85
" " 4, " 1.15

No. 313. Suction Nuts for Pitcher Spout Pumps. Sizes, No. 1, 2 and 3. Each.....$0.07

No. 314. Buckets and Rods for 3x10 Cylinders. Each.....$0.15

No. 315. Lower Caps for 3x10 Iron Cylinders. Each.....$0.15
Lower Caps for 2½ x 10 Iron Cylinders. Each.....$0.15

No. 316 Windmill Connection for Force Pumps. Each.....$0.25

No. 317. Iron Cylinder Bodies, 3 x 10, Each.....$0.65
Iron Cylinder Bodies, 2 x 12. Each.....1.75

BRASS GAS FIXTURE FITTINGS

Universal Bracket.

Bracket Cock.

Two-Light Pendant.

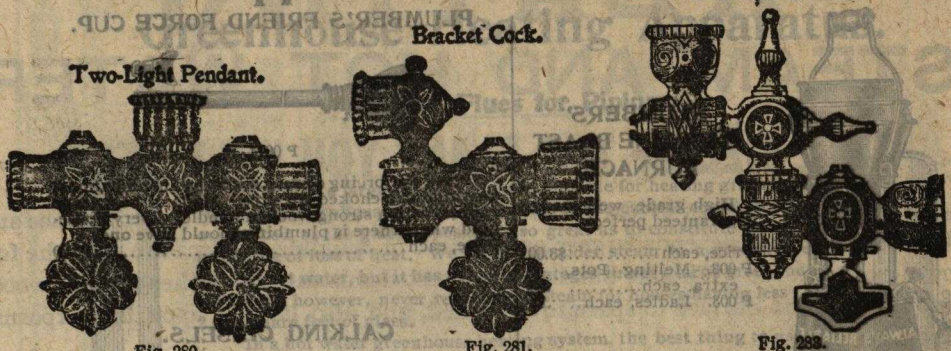


Fig. 280. Fig. 281. Fig. 282.

Elbow Burner.

Elbow Burner. 4 Inches Long.

Elbow Pendant.

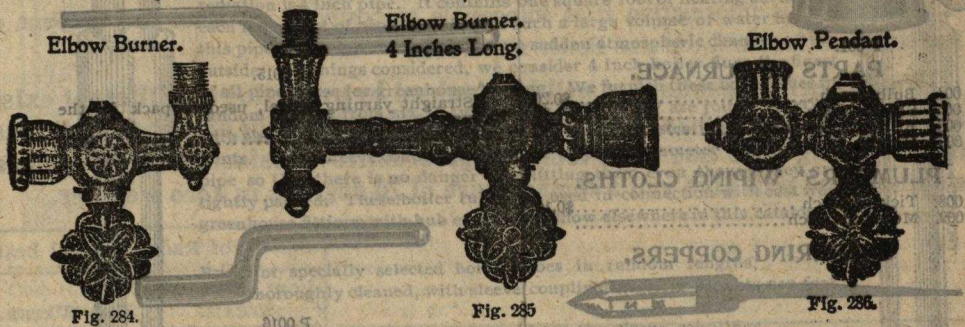


Fig. 284. Fig. 285 Fig. 286.

Straight Cock.

Straight Nozzle.

Pillar Body.

Stiff Joint.



Fig. 290. Fig. 292 Fig. 299. Fig. 300. Fig. 298.

Side Nozzle.

Hose Cock.

Pillar Cock.

Independent Cock.

Male Pillar Cock.

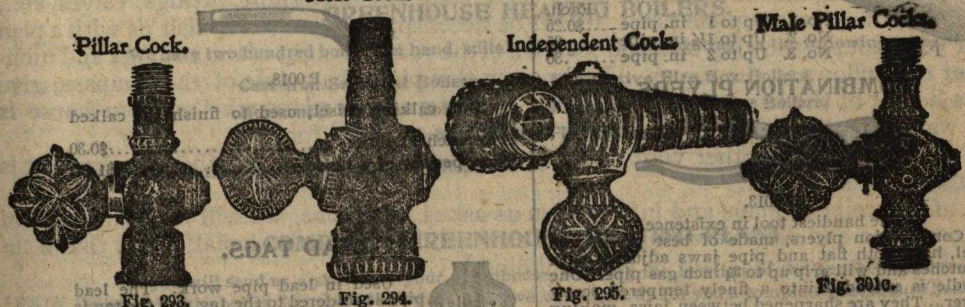
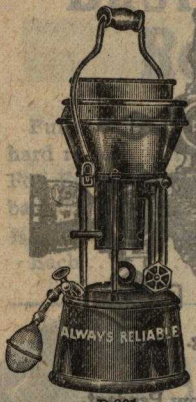


Fig. 293. Fig. 294. Fig. 295. Fig. 301c.

Prices Each

Figure No.	280	281	283	284	285	286	290	292	293	294	295	298	299	300	301
¼ inch							$0 10		$0 10		$0 18				$0 12
⅜ x ¼ inch	$0 23	$0 22	$0 30												
⅜ inch		23	33	$0 10	$0 19	$0 15	12	$0 05	12	$0 12		$0 13	$0 05	$0 06	15
½ inch				11			16			14	20				

Plumbers' Tools and Supplies.



P 001.

PLUMBERS' GASOLINE BLAST FURNACE.

High grade, well made. Guaranteed perfect.

Price, each.....$3.00
P 002. Melting Pots, extra, each..... .50
P 003. Ladles, each... .25

PARTS OF FURNACE.

P 004. Bulbs, each.....$0.20
P 005. Shields, each..... .35
P 006. Filling Screw, each..... .10
P 007. Handle, each..... .25

PLUMBERS' WIPING CLOTHS.

P 008. Ticking, each.....$0.10
P 009. Moleskin, each..... .20

SOLDERING COPPERS.



P 0010.

We have on hand 500 Soldering Coppers, with square points for common use. They weigh one pound each. Come without handles. Length over all, 16 inches. Length of copper.

Per dozen.....$3.00
Each..... .30

BENDING SPRINGS.



P 0011.

Improved lead bending springs, made of best quality spring steel.

Size, inches	1	1¼	1½	2
Price, each	$0.50	.55	.65	[illegible]

TURN PINS.



P 0012.

Used for flanging out lead pipe, in making solder joints.

	Each.
No. 1. Up to 1 in. pipe	$0.25
No. 2. Up to 1½ in. pipe	.25
No. 3. Up to 2 in. pipe	.30

COMBINATION PLYERS.



P 0013.

The handiest tool in existence.

Combination plyers, made of best grade tool steel, have both flat and pipe jaws adjusted with 2 clutches and will grip up to ¾ inch gas pipe. One handle is extended into a finely tempered screw driver. They are sharpened between jaws, making a wire cutter. These plyers are handsomely nickel plated.

	6 inch.	10 inch.
Price, each	$1.00	$1.25

PLUMBER'S FRIEND FORCE CUP.



P 0014.

Used for forcing closets, sinks, basins and almost any kind of a choked up pipe. Made of best grade rubber, with a strong wooden handle. Every household where there is plumbing should have one.

Price, each.....$0.90

CALKING CHISELS.



P 0015.

Straight yarning chisel, used to pack in the oakum.

Price, each.....$0.30



P 0016.

Right hand calking chisel, used to calk in the lead.

Price, each.....$0.30



P 0017.

Left hand calking chisel, used to calk in the lead.

Price, each.....$0.30



P 0018.

Stub calking chisel, used to finish the calked joint.

Price, each.....$0.30
Price, per set of 4 chisels..... $1.00

LEAD TAGS.



P 0019.

Used in lead pipe work. The lead pipe is soldered to the tag and the tag is then fastened with screws to the wall.

Price, per pair.....$0.10

Greenhouse Heating Apparatus.

Boiler Flues for Piping.



Boiler Flue with sleeve coupling.

We carry a large stock of material suitable for heating green houses. In heating greenhouses the consideration of the cubical contents may be overlooked, as the glass exposure is so great as to constitute almost the sole cause of loss of heat. We do not consider steam in a greenhouse as good as hot water, but it has some advantages in very large greenhouses. We would, however, never recommend steam for houses having less than 2,000 square feet of glass.

In a hot water greenhouse heating system, the best thing to use for radiation is 4 inch pipe. It contains one square foot of heating surface to each lineal foot of pipe, and there is such a large volume of water held in this pipe that it is a safeguard against sudden atmospheric changes on the outside. All things considered, we consider 4 inch boiler flues the finest of all pipe to use for greenhouse heating. We furnish these boiler flues in random lengths from six to twenty feet each. They are joined together with sleeve couplings, as we show in the above illustration with caulked joints. These sleeve couplings are made of larger diameter wrought iron pipe so that there is no danger of splitting them even though they are tightly packed. These boiler tubes are used in connection with cast iron greenhouse fittings with hub ends, as we show elsewhere in this catalogue.

Price for specially selected boiler tubes in random lengths, thoroughly cleaned, with sleeve couplings.....15 cents per foot

Price for the boiler tubes only, without the sleeve couplings .....10 cents per foot.



Sectional view showing joint.

SPECIALLY THREADED BOILER FLUES.

We are also in a position to furnish these boiler flues with special casing thread, and with threaded couplings, so that they can be made up the same as threaded pipe is made and can still be used with the caulked joint greenhouse fittings at the end of the run. These boiler flues are practically the same strength as wrought pipe. They are lighter and are furnished for much less money.

Price, 3½ inch, threaded as above, including the couplings, per foot.....$0.13

Price, 4 inch, threaded as above, including the couplings, per foot.....17

GREENHOUSE HEATING BOILERS.

We have two hundred boilers on hand, suitable for greenhouse heating, in the following types:

Cast Iron Sectional Boilers. **Locomotive Fire Box Boilers.**
Horizontal Tubular Boilers. **Kroeschell Greenhouse Boilers.**
Herbert Return Flue Boilers.

Price on these boilers quoted on application.

COMPLETE GREENHOUSE HEATING PLANT.

If you will send us a sketch of your greenhouse, showing the location of the benches, preferred location for the boiler, location of the door, etc., we will figure up for you a complete greenhouse heating plant, all the pipe, pipe fittings required, the boiler, with or without smokestack, and all the valves, etc., to install the complete plant and make you a special quotation.

Ask for prices on Greenhouse Sash—For Pipe cut to length for posts—For Rubber Hose, all sizes—For ¼ inch Sky Light Glass, suitable for greenhouse work.

HEATING
STEAM AND HOT WATER

THE SIZE OF THE PLANT YOU WILL NEED

In heating buildings by Steam and Hot Water, the amount of Boiler Surface and Radiation required depends largely on the kind of building, its location, and the following conditions: Whether building is protected or isolated; whether stone or wood; amount of Glass Surface to space to be heated, and also largely upon the exposure of rooms.

Without this information it is impossible to correctly estimate the amount of Radiating surface and the size Boiler required.

We give below results that will be obtained by averaging the different existing conditions. By actual experience, and the different existing conditions, the following rule has been found to give entire satisfaction in the coldest weather, and will give you a temperature of 70 degrees in zero weather.

	Sq. Ft. of Radiation will heat	
	LOW PRESSURE STEAM.	HOT WATER.
	Cub. Ft	Cub. Ft.
Living Rooms with three exposures and large amount of glass..	40	20 to 25
Living Rooms with two exposures and ordinary amount of glass, first floor	50	25
Under same conditions for second floor	55	30
Halls located on corners	50	25
Halls located in center of house	60	30
Bath Rooms	40	15 to 20
Sleeping Rooms	60 to 70	25 to 35
School Rooms	60 to 80	30 to 45
Churches and Auditoriums	75 to 120	70 to 90
Offices	60 to 80	30 to 35
Stores	60 to 90	40 to 60
Theatres	200 to 300	

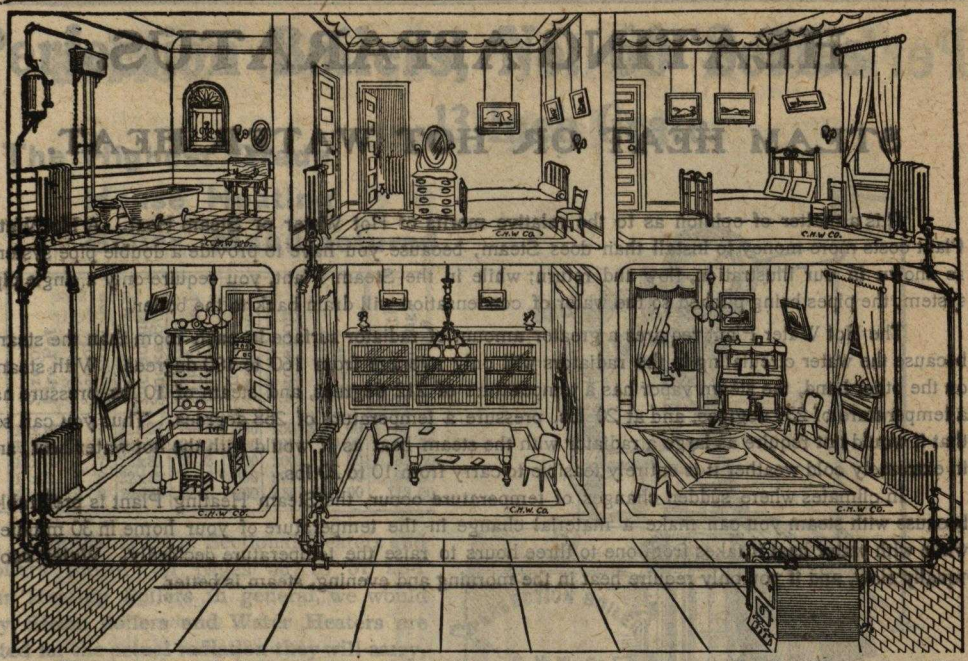
IF YOU WOULD PREFER TO HAVE US ESTIMATE the heating plant for you, including the size boiler, amount of radiation for each room, amount of pipe, fittings, valves, etc., required for the complete plant, it will be necessary for you to furnish us with a plan of your house, showing size and location of the rooms, height of the ceilings and number of windows in the rooms. Indicate on this plan the points of the compass; give us height of the basement underneath, indicate on the plans whether your house is a warmly built one or not, and what the rooms are used for.

Also, tell us whether your chimney has good draught, or whether the draught is rather impeded.

On receipt of plans and information as asked for above, we will make up for you a complete and detailed estimate of all that will be required to install either the steam or hot water heating plant in your building.

On application, we will furnish with your order, complete specifications and working plans covering the installation of either a steam or hot water heating plant; so that any man handy with tools can install the same.

We Especially Invite You to Call and Visit Us when in Chicago.



We carry in stock Steam and Hot Water Heating Apparatus of every kind. We are in position to save you money on the heating of any Building for any purpose. If you have a Home, Store, Church, Club House, Office, Hotel, Factory, a Brooder House, Greenhouse, or in fact a building of any kind requiring heat, you will find our Hot Water or Steam Heating Plants the least expensive and the most satisfactory. They can be installed in any old building, or in any new building that is being erected. The installation of one of these plants in a completed building will not tear up the building a particle.

With our up-to-date methods we can show you how to install such a plant without calling into your service an experienced steam fitter. Any man who can cut pipe, thread it and screw it together is competent to install a heating plant with the aid of our comprehensive working drawings and instructions. If you have no tools, we will loan you a complete set.

The illustration above shows one of our Modern Hot Water Heating Systems installed in any ordinary residence of 7 rooms with two halls.

HEATING PROPOSITION NO. 1. HOT WATER.

We will furnish you with a complete Hot Water Heating Plant for an average size two-story residence, figuring the first floor with a nine foot ceiling and the second floor with an eight foot ceiling. The Parlor and Sitting Room of average size 12x15, the Dining Room 12 feet square and the hall 8 feet wide 20 feet long. The Bed Rooms up-stairs one of them 12x12 and the other 10x12, and an 8x8 bath room.

The apparatus will consist of one of our new modern Cast Iron Sectional Boilers with a capacity of 500 feet of radiation. This boiler has a large deep fire pot, and occupies small floor space. The heater is a special design and is offered you without hesitation as the most economical heater on the market. Many salient improvements over other cast iron sectional heaters have been made on it. We guarantee it will give you absolute satisfaction.

This heater is of splendid design. It is made in the best manner and each section is thoroughly tested before it is put together. It is very economical for the reason that the consumption of fuel is absolutely perfect, owing to the depth of the fire pot. There are no waste gases. In any temperature, except the most severe weather, the boiler would not need firing oftener than twice in 24 hours. It is made with the most improved style of draught doors and checks. It is controlled in the living rooms above by means of a draught door chain.

Should future enlargements of your home necessitate the increase of your heating plant, you can get additional sections for this boiler and set them in at little expense.

There are seven highly ornamental three column pattern, Cast Iron Sectional Radiators, together with seven Hot Water Quick Opening Radiator Valves, nickel plated all over with union; seven Hot Water Radiator Union Elbows, nickel plated all over; seven Nickel Plated Compression Radiator Air Valves; and an Expansion Tank, complete with gauge cocks, water glass, guard rods, etc. Includes also all the necessary piping, running the mains in the basement with 2 inch pipe, and making connection to the radiators with the right size pipe throughout. The necessary Asbestos covering to cover all the mains in the basement, and Asbestos cement to be mixed into mortar to make a covering for the boiler, and all the fittings on the mains in the basement, and all the necessary fittings, such as ells, tees, nipples, unions, couplings, etc., to install the entire plant, together with pipe hangers for hanging the mains, and floor and ceiling plates for all the pipes that would pass through the floor and ceiling.

We furnish working drawings and instructions so that any ordinary mechanic can install the plant.

Our Special Price for all the Material, $200.00.

HEATING APPARATUS.

STEAM HEAT OR HOT WATER HEAT.

It is a matter of opinion as to the relative merits of Hot Water or Steam Heat. A Hot Water Plant costs more money to install than does Steam, because you have to provide a double pipe system, as shown in our illustration, flow and return; while in the Steam Plant, you require only a single pipe system, the pipes being pitched so the water of condensation will drain back to the boiler.

The Hot Water Plant requires a greater amount of radiator surface in each room than the steam, because the water circulating in the radiators will only average from 160 to 180 degrees. With steam, on the other hand, the steam vapor has a temperature of 212 degrees, and steam of 10 lbs. pressure has a temperature of 239 degrees, and at 20 lbs. pressure a temperature of 258 degrees. Thus you can see that it would not require as large a radiator with the steam heat as it would with the hot water heat, and in extremely cold weather it is entirely feasible to carry from 10 to 20 lbs.

In climates where sudden changes of temperature occur, the Steam Heating Plant is preferable, because with steam you can make a material change in the temperature of your home in 30 minutes, while with water heat it takes from one to three hours to raise the temperature decidedly. Water cools equally slow, and if you only require heat in the morning and evening, steam is better.

HEATING PROPOSITION NO. 2. STEAM.

We make the following offer for the necessary material to heat with steam a home as outlined in our Hot Water Proposition.

The boiler will be practically just the same in every way as the one described for water, with the addition of a full set of steam trimmings, including an Automatic Diaphragm Damper regulator that will automatically control the draughts to maintain any pressure at which it is set. The boiler pressure operates on this to open or close the check doors. Pressure gauge, safety valve, etc.

We will supply a cast iron sectional boiler with seven cast iron radiators, seven nickel-plated Jenkins' Disc Radiator Valves, and all pipe and pipe fittings, such as elbows, tees, nipples, unions, hangers, floor and ceiling plates, etc., sufficient to install the plant, together with pipe covering to cover all of the mains in the basement, and asbestos cement to make a covering for the boiler.

Our Special Price for All the Material..... $165.00

MERITS.

It is hardly necessary for us to enter into a statement of facts as to why Steam or Hot Water Heat is superior to any other kind. You do away with the dirt such as you accumulate by using a stove, furnace or grate. You can at all times maintain an evenly distributed temperature. With a furnace, on the other hand, it is impossible to heat a room on the windward side of your house when a strong wind is blowing. Enough air will blow in around the windows to force the ascending warm air back down the stack. The strongest wind cannot affect the circulation of either steam or water in a pipe. No danger of coal gas. The greatest argument of all is the tremendous saving in fuel. A Steam or Hot Water Plant will provide as much heat with six (6) tons of coal as a furnace will with ten (10) and distribute it much better. Any kind of fuel can be used in our heating plants. You can turn off the heat at any radiator without affecting the circulation to the balance of the system.

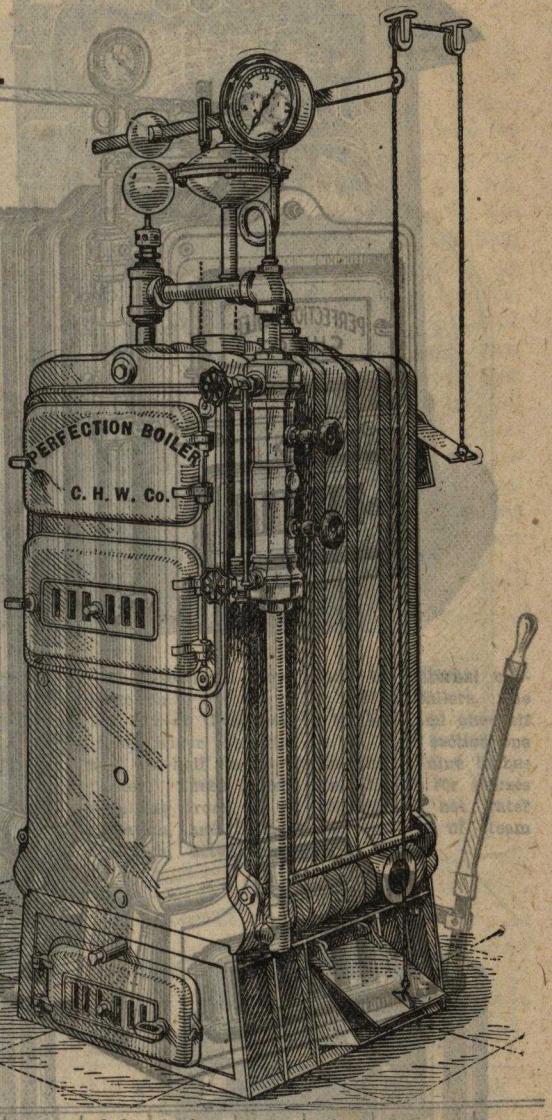
Send us your lumber bills for our estimate; we can save you from 30 to 50 per cent.

Perfection Boilers, No. 60 Series

13 Inch Grate.

The Highest Grade House Heating Boiler Manufactured.

Number	Size of Fire Pot	Size of Smoke Pipe	Floor Space Including Smoke Box	Tappings at Flow and Return	Direct Water Radiation	Direct Steam Radiation	Price for Water	Price for Steam with Trimmings Complete
64	13x12	7	22x23	2—2	300	150	$ 45 00	$ 52 50
65	13x15	7	22x27	2—2	400	225	60 00	67 50
66	13x18	7	22x31	2—2	500	300	75 00	82 50
67	13x21	8	22x35	3—2	600	375	90 00	97 50
68	13x24	8	22x39	3—2	700	450	105 00	112 50



Concerning these Sectional Heaters and Boilers shown on pages 53 to 57 and our Heating Boilers in general, we would say, Steam Boilers and Water Heaters are rated for the actual radiation they will carry, including all flow pipes, return pipes and risers.

In estimating the size of Boiler, a liberal allowance should be made for the radiation from the flow and return pipes and fittings; good practice puts this at from 20 to 25 per cent.

If the main flow and return pipes are not covered, the loss of heat per square foot is much greater than is given off by the radiators, and provision should be made accordingly.

All Boilers must be attached to a chimney of sufficient size with a good draft, and must not be less (round or square) than given in the list for the Boiler specified; they must also be of ample height above the highest part of the building, and such chimney must be used only for the Boiler, otherwise our guarantee is void.

Our Boilers are guaranteed only to the extent of furnishing new castings for any found defective in manufacture.

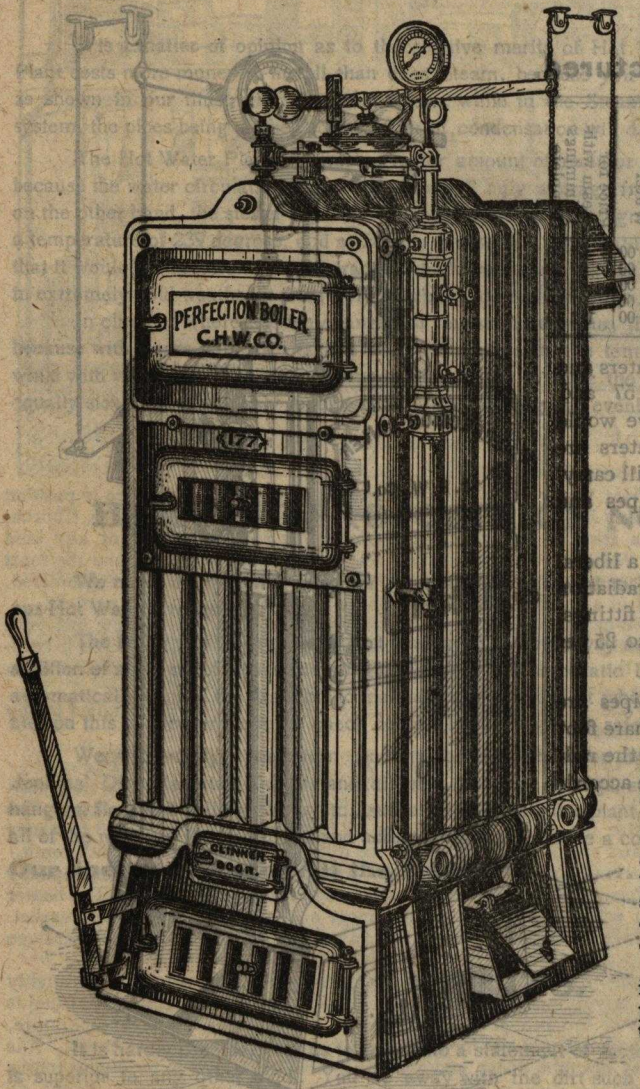
The listed ratings are conservatively made and in accordance with accepted standards, but on account of the varying conditions surrounding the installation of Boilers, great care is necessary. See that all conditions are properly provided for.

When a pipe coil is introduced in the fire box of a Boiler, or a steam coil is placed in a tank for the purpose of heating water for domestic use, additional capacity must be provided when determining the size of Boiler required, as follows: Two square feet of radiation for hot water, and 1¼ square feet of radiation for steam for each gallon of water heated 50° per hour.

Note last paragraph above regarding extra capacity, when water is heated for domestic use.

Perfection Boiler No. 170 Series

17 Inch Grate.



Our No. 170 Series of Perfection Boiler are built much on the same lines as the No. 60, save they are larger. The fire pot is four inches wider, each section about one inch longer and ten inches higher. This extra height is taken up by another row of flue spaces, as shown in the sectional view on page 55. These boilers embody the same telling features as the No. 60 boilers with the deep fire pot, slow combustion and absolutely perfect consumption of the fuel. They give the same wonderful results with 80% of the heat units of the fuel distributed into the home. The tappings on this series of boiler are 2½". If it is desired, a three inch main may be taken off by using 2½" nipple and a 2½x3 elbow at the top. The 2½" opening at the top of the boiler is ample for a 3" main, as the friction on the main is equal to one size in pipe. These boilers have the anti-clinker grates that have circular motion, and the teeth grind the clinkers into fine particles. The boilers in this Series are all shipped set up and tested at the foundry, so that it is only necessary to set them on the base, put on the trimmings and proceed with the piping.

See page 53 regarding ratings, guarantee, etc. See page 55 for sectional view of this boiler.

Number.	Size of Fire Box.	Size of Smoke Pipe.	Floor Space.	Size and No. of Flow Taps.	Size and No. of Return Taps.	Height of Water Line.	Height of Heater.	Square Feet of Water Radiation.	Square Feet of Steam Radiation.	Price Water.	Price Steam with Full Set Steam Trimmings.
175	17x17	8-in.	27x31	2-2½ in.	2-2½	48½ in.	58 in.	600	375	$ 95 00	$102 50
176	17x21½	8-in.	27x36	2-2½ in.	2-2½	48½ in.	58 in.	800	475	115 00	122 50
177	17x26	9-in.	27x41	3-2½ in.	3-2½	48½ in.	58 in.	975	575	130 00	137 50
178	17x30½	9-in.	27x46	3-2½ in.	3-2½	48½ in.	58 in.	1150	675	150 00	157 50

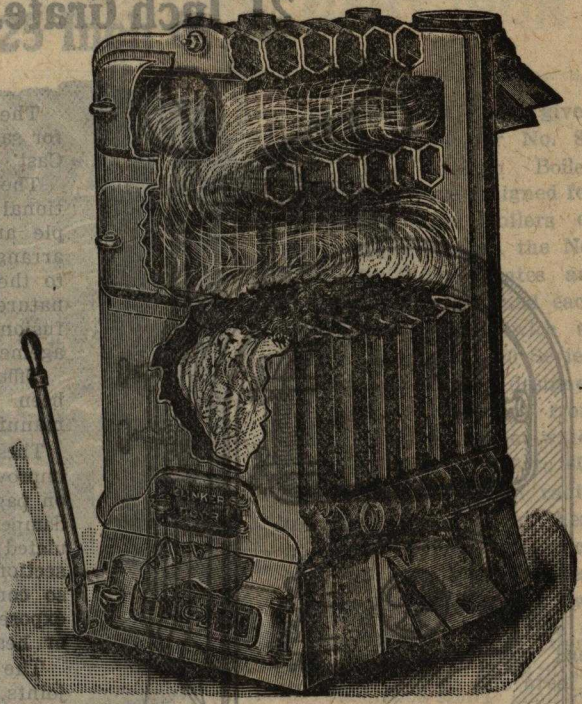
We make working drawings for plants with full instructions for installing.

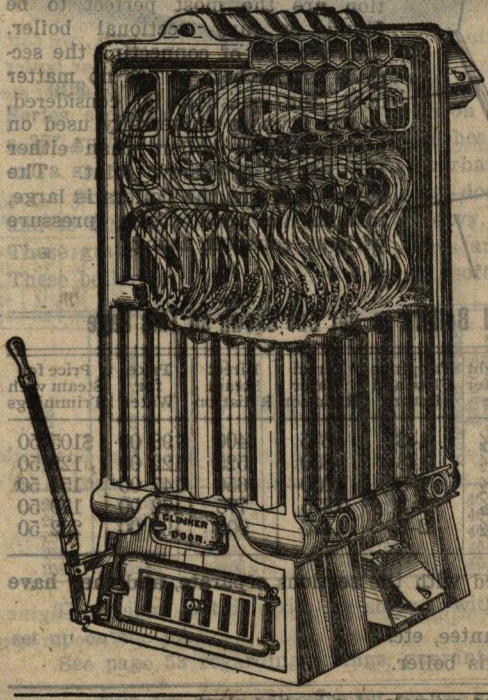
PERFECTION BOILERS

No. 60 and No. 170 Series—Sectional Views

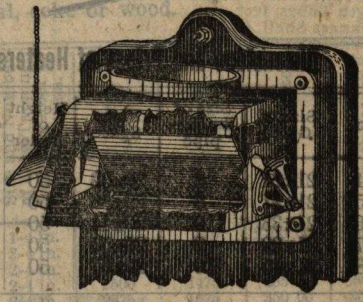
In the sectional view shown herewith of our No. 60 Series Steam and Hot Water Boilers, we call particular attention to the very deep fire pot. These fire pots are twenty inches from the door to the grate, and are designed to carry from twelve to eighteen inches of fire in this boiler, according to the weather. This deep fire pot is a new principle applied to small house heating boilers, and it makes a boiler that does not require firing oftener than twice or three times in twenty-four hours, except in the severest weather. Absolutely perfect combustion of the fuel is assured, because with this deep bed the gases are liberated and as they trickle up through the hot mass of fuel are entirely burned. Even the cheapest grade of soft coal will burn in this boiler with very little deposit of soot.

For a heating plant in a house where not more than 500 feet of hot water radiation or 325 feet of steam radiation (actual surface) is used there is no better boiler than this in existence. You will note the improved shaking device and the draft and check doors on this boiler. The clinker door is another big improvement, as it enables you to take out the clinkers from the grate at any time. Note how the sections are cast "V" shape, so that there is a much greater exposed surface to the fire. These boilers are absolutely guaranteed first class and up to their rated capacity.





This sectional view shows the internal construction of our No. 170 Series Boilers. The fire box of these boilers is three and one-half inches wider than the No. 60, each section one and one-half inches longer and is nine inches higher. These boilers are adapted for houses requiring from 500 to 900 feet of hot water radiation, and from 200 to 500 feet of steam radiation, actual surface.

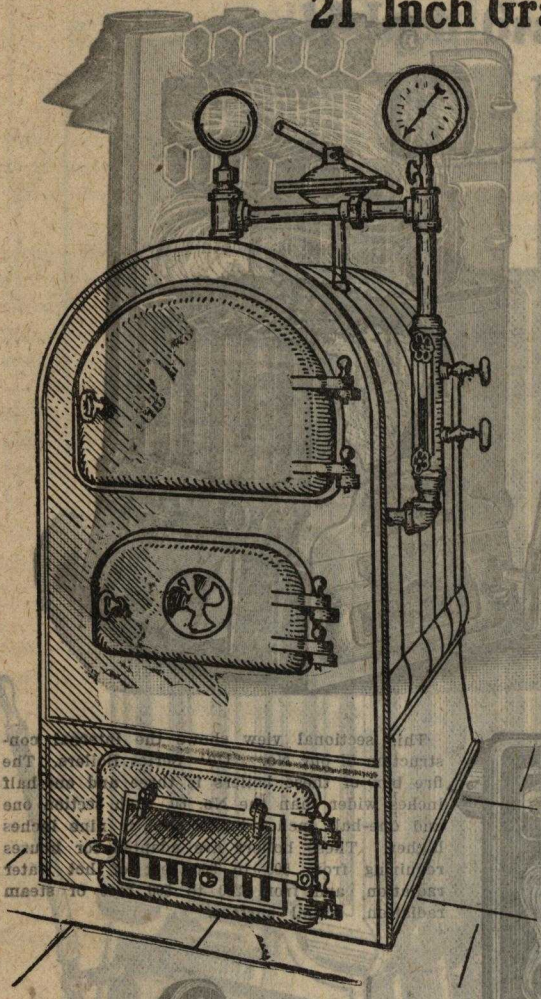


This illustration shows our smoke box extension with the adjustable damper and set screw, permitting one to adjust this to suit the draft, or carry a slow or brisk fire.

Write for Our Special Heating Catalogue.

Perfection Boilers, No. 80 Series

21 Inch Grate.



The heaters that we are offering for sale represent the best Sectional Cast Iron Heaters manufactured.

The construction of these Sectional Boilers and Heaters is simple and easily understood. It is arranged with the idea of utilizing to the fullest extent the forces of nature for the production and diffusion of heat and easy of management.

Efficiency and economy have been fully considered in their manufacture.

These boilers are equipped with the improved smoke box extension shown on page 55, and with the adjustable damper plate. The draft can be regulated to suit the chimney. The sections of the boilers have been so constructed that every part is exposed to the action of the fire or heated gases.

The non-corrosive push nipple joints used in connecting the section are the most perfect to be found on any sectional boiler. This method of connecting the sections is the best to use no matter how the question is considered, and it is more universally used on high pressure boilers than either the flange or screw joint. The steam space in the boilers is large, insuring a good steam pressure without constant firing.

Dimensions and Prices of Heaters and Boilers as per Cut Shown on This Page

No.	Size of Grate	Size of Smoke-pipe	Floor Space	Height of Boiler	Height of w'ter line	Tappings Flow and Return	Direct Water R'diation	Direct Steam R'diation	Price for Water	Price for Steam with Trimmings
84	21x21	8	29x32	50	41½	1-3	675	400	$98 00	$105 50
85	21x27	8	29x38	50	41½	1-3	850	525	122 00	129 50
86	21x33	9	29x44	50	41½	1-3	1050	650	147 00	154 50
87	21x39	9	29x50	50	41½	2-3	1275	775	172 00	179 50
88	21x45	10	29x57	50	41½	2-3	1475	900	195 00	202 50

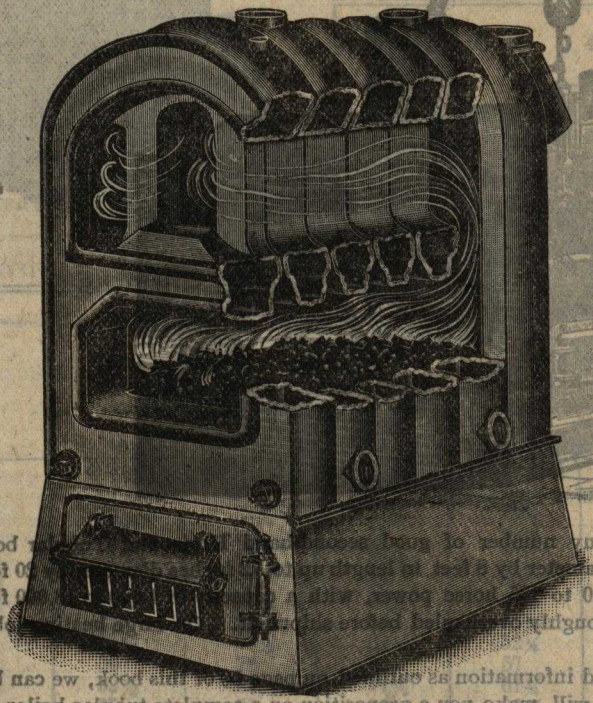
The boilers in this series are shipped with the sections separate, and they have to be set up on the job.

See page 53 regarding ratings, guarantee, etc.
See page 57 for sectional view of this boiler.

Let us make you a detailed estimate of a heating plant.

Perfection Boiler, No. 250 Series

25 Inch Grate.



The sectional view given herewith shows our No. 80 series Perfection Boiler. These boilers are designed for house heating boilers of larger capacity than the No. 60 Series. The grates are considerably wider, and each section is almost twice as long as in the No. 60 Series. These boilers are designed for houses that need from 500 to 1,000 feet of hot water radiation, or from 325 to 600 feet of steam (actual radiator surface). Note in these boilers the perfect flue space. You will see that the heat travels forward through two flues, one on either side of the boiler, doubling back through a large flue area in the centre.

OUR No. 250 SERIES OF PERFECTION BOILER is quite similar in design to the No. 80 Series, sectional view of which is shown on this page. The boiler is bigger, it having a 25" grate and each section is nine inches higher than in the No. 80 Series. This extra space is taken up by a row of overhanging flue spaces and with a deeper fire pot. Our No. 250 Series has a clinker door, located on a line with the grate, and is also provided with an extra heavy, strong grinding grate with round top. These grates will grind up all the ashes and clinkers, but will not waste the fuel. These boilers are adapted for hard coal, soft coal, coke or wood.

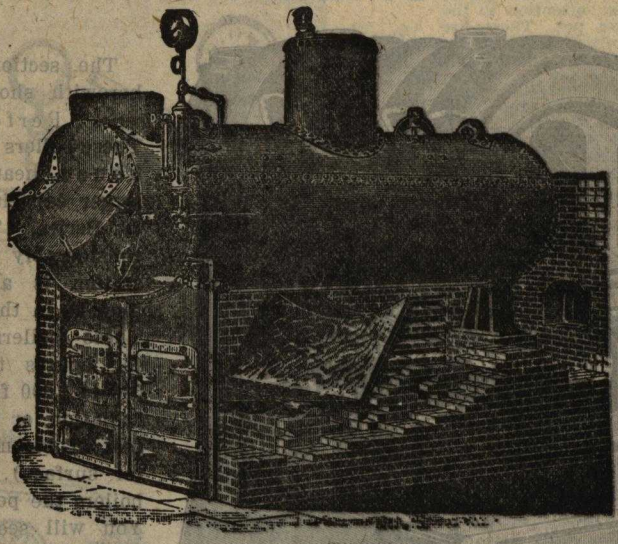
Number.	Size of Grate.	Floor Space.	Size of Smoke-pipe.	Height of Boiler.	Height of Water Line on Steam Boiler.	Size and Number of Flow Tapping. Same Number & Size Returns.	Direct Water Radiation.	Direct Steam Radiation.	Price for Water.	Price for Steam with Steam Trimmings.
255	25x26	40x40	9	59	46½	1-4 in.	1475	875	$200 00	$207 50
256	25x32	40x47	10	59	46½	2-4 in.	1800	1075	220 00	227 50
257	25x38	40x53	10	59	46½	2-4 in.	2100	1275	255 00	262 50
258	25x44	40x60	12	59	46½	2-4 in.	2500	1475	285 00	292 50
259	25x50	40x66	12	59	46½	2-4 in.	2875	1675	350 00	357 50

The boilers in this series are shipped with the sections separate, and they have to be set up on the job.

See page 53 regarding ratings, guarantee, etc.

With our complete equipment we can cut all large sized pipe to fit the job.

Horizontal Tubular Boilers



We have always in stock any number of good second-hand Horizontal Tubular boilers ranging in size from 30 inches diameter by 8 feet in length up to 72 inches diameter by 20 feet in length; or, in other words, from 10 to 175 horse power, with a capacity of 1,000 to 18,000 feet of radiation. These boilers are thoroughly overhauled before shipment. On large heating jobs we recommend their use.

If you will give us plans and information as outlined on page 50 of this book, we can better estimate your requirements, and will make you a proposition on a complete tubular boiler ready for installation. Can furnish these with or without domes. They are practical for either steam or hot water heating.

The following are the general specifications of what we have to offer in these boilers:

Nominal Horse Power	12	15	15	20	28	34	40	45	50	60	70	85	100	125
Capacity, square feet, Direct Steam Radiation*	1000	1200	1400	1800	2600	3100	3600	4700	5500	6900	8000	7200	9000	11500
Diameter, inches	30	30	36	36	42	42	42	48	48	54	54	60	66	72
Length Tubes, feet	8	10	8	10	10	12	14	12	14	14	16	16	16	16
Thickness Shell, inches	¼	¼	¼	¼	¼	¼	¼	5/16	5/16	5/16	5/16	5/16	3/8	3/8
Thickness Heads, inches	3/8	3/8	3/8	3/8	3/8	3/8	3/8	7/16	7/16	7/16	1/2	1/2	1/2	1/2
Diameter Stack, if vertical, inches	14	14	16	16	20	20	20	24	24	26	26	28	32	36

*In computing water radiation add 40 per cent. to steam capacity.

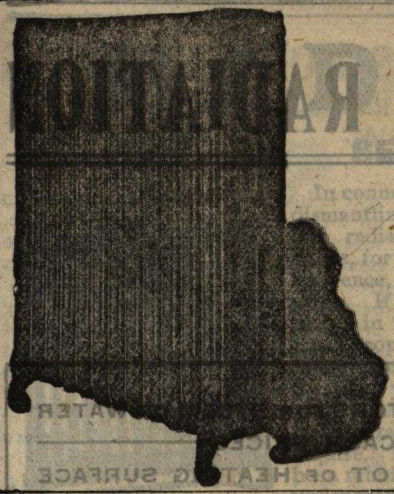
FIRE BOX BOILERS.

We can furnish you anything you may require in good second-hand Fire Box boilers for heating jobs from 1,000 to 10,000 feet of radiation at extremely low prices, practical for either steam or water heating.

HOT BLAST APPARATUS.

We usually have in stock outfits for heating large buildings by hot blast with engine direct connected or belt driven, for factories, theatres and other public buildings. Write for specifications on your requirements.

We make a specialty of Greenhouse Heating Apparatus.



NEW RADIATION

3 COLUMN CAST IRON

PRICES PER FOOT

Height inches	45	38	32	26	20
Steam Radiation	20	21	23	25	27
Hot Water Radiation	21	22	24	26	28

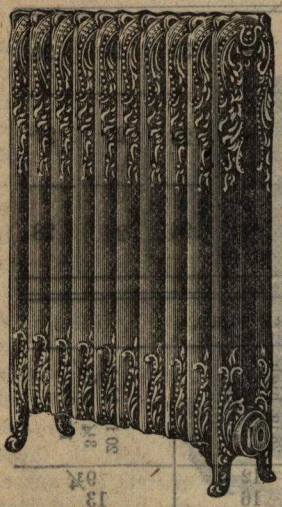
No. of Sections.	Length in inches.	HEATING SURFACE, SQUARE FEET.				
		45 in. high, 6½ sq. ft. per Sec.	38 in. high, 5½ sq. ft. per sec.	32 in. high, 4¾ sq. ft. per Sec.	26 in. high, 4 sq. ft. per Sec.	20 in. high, 3¼ sq. ft. per Sec.
3	7½	19½	16½	14¼	12	9¾
4	10	26	22	19	16	13
5	12½	32½	27½	23¾	20	16¼
6	15	39	33	28½	24	19½
7	17½	45½	38½	33¼	28	22¾
8	20	52	44	38	32	26
9	22½	58½	49½	42¾	36	29¼
10	25	65	55	47½	40	32½
11	27½	71½	60½	52¼	44	35¾
12	30	78	66	57	48	39
13	32½	84½	71½	61¾	52	42¼
14	35	91	77	66½	56	45½
15	37½	97½	82½	71¼	60	48¾
16	40	104	88	76	64	52
17	42½	110½	93½	80¾	68	55¼
18	45	117	99	85½	72	58½
19	47½	123½	104½	90¼	76	61¾
20	50	130	110	95	80	65
21	52½	136½	115½	99¾	84	68¼
22	55	143	121	104½	88	71½
23	57½	149½	126½	109¼	92	74¾
24	60	156	132	114	96	78
25	62½	162½	137½	118¾	100	81¼
26	65	169	143	123½	104	84½
27	67½	175½	148½	128¼	108	87¾
28	70	182	154	133	112	91
29	72½	188½	159½	137¾	116	94¼
30	75	195	165	142½	120	97½
31	77½	201½	170½	147¼	124	100¾
32	80	208	176	152	128	104
33	82½	214½	181½	156¾	132	107¼
34	85	221	187	161½	136	110½
35	87½	227½	192½	166¼	140	113¾

TAPPINGS:—All Radiators containing 26 feet or under, 1 inch.
All Radiators containing above 26 feet but not exceeding 60 feet, 1¼ inch.
All Radiators containing above 60 feet but not exceeding 112 feet, 1½ inch.
All Radiators containing above 112 feet, 2 inch.
Each Section is 9½ inches wide; width of Legs, 10¼ inches.
Distance from floor to center of Tapping, 5 inches.

NOTE.—In ordering, always mention whether for steam or water, and if for steam, whether for one or two pipe, as for atmospheric or vapor system. For steam, one pipe tapping will be regularly supplied, unless otherwise specified.

Let us make you a proposition on your complete heating plant.

ORNAMENTAL NEW RADIATION



CAST IRON RADIATORS FOR STEAM OR WATER
NET CASH PRICES
PER SQUARE FOOT OF HEATING SURFACE

Height, inches	45	38	32	26	20
Steam Radiation	$0.20	$0.21	$0.23	$0.25	$0.27
Hot Water Radiation	$0.21	$0.22	$0.24	$0.26	$0.28

Number of Sections.	Length, 2½ inches per Section.	HEATING SURFACE, SQUARE FEET. 45 inch. high, 5¼ sq. feet per Section.	38 inch. high, 4⅓ sq. feet per Section.	32 inch. high, 3⅓ sq. feet per Section.	26 inch. high, 2¾ sq. feet per Section.	20 inch. high, 2¼ sq. feet per Section.
2	5	10½	8⅔	7	5½	4½
3	7½	15¾	13	10½	8¼	6¾
4	10	21	17⅓	14	11	9
5	12½	26¼	21⅔	17½	13¾	11¼
6	15	31½	26	21	16½	13½
7	17½	36¾	30⅓	24½	19¼	15¾
8	20	42	34⅔	28	22	18
9	22½	47¼	39	31½	24¾	20¼
10	25	52½	43⅓	35	27½	22½
11	27½	57¾	47⅔	38½	30¼	24¾
12	30	63	52	42	33	27
13	32½	68¼	56⅓	45½	35¾	29¼
14	35	73½	60⅔	49	38½	31½
15	37½	78¾	65	52½	41¼	33¾
16	40	84	69⅓	56	44	36
17	42½	89¼	73⅔	59½	46¾	38¼
18	45	94½	78	63	49½	40½
19	47½	99¾	82⅓	66½	52¼	42¾
20	50	105	86⅔	70	55	45
21	52½	110¼	91	73½	57¾	47¼
22	55	115½	95⅓	77	60½	49½
23	57½	120¾	99⅔	80½	63¼	51¾
24	60	126	104	84	66	54
25	62½	131¼	108⅓	87½	68¾	56¼

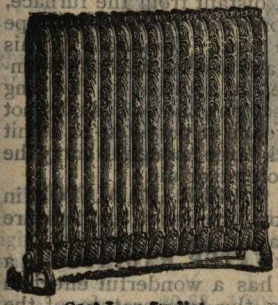
Each Section 7¼ inches wide. Width of legs 8 inches.

TAPPINGS:—All Radiators containing 26 feet or under, 1 inch.
All Radiators containing above 26 feet but not exceeding 60 feet, 1¼ inch.
All Radiators containing above 60 feet but not exceeding 112 feet, 1½ inch.
All Radiators containing above 112 feet, 2 inch.

Full Stock of Steam or Hot Water Heating Boilers Always on Hand

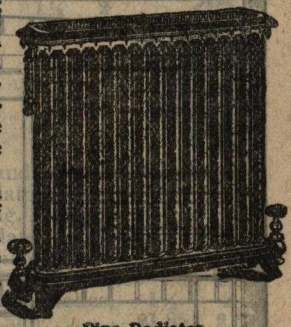
RADIATION

SECOND HAND.



Cast Iron Radiator.

In connection with our purchasing and dismantling, we secure large numbers of fine radiators. We have them in all styles, for steam and water; for factory, residence, public halls, and other purposes. If you will write us your requirements in the heating line, we will make you a proposition to furnish you all of the material necessary to install your plant. Write us your wants. We can save you money. At the present time our stock of re-built radiators includes anything you require. They are in fine condition, have been rebuilt, and every radiator is tested under cold water pressure before shipment. You can purchase without hesitation. We guarantee them.



Pipe Radiator.

Our stock consists of the following:

BOX COILS.

Made of 1-inch standard black wrought iron pipe, with return bends and headers—splendid for factory heating. They are in various shapes, and ranging in sizes from 25 to 200 square feet of heating surface to each coil. These radiators are computed on the bases of about 3 lineal feet of pipe to 1 square foot of heating surface.

Price per square foot of heating surface $0 15

PIPE RADIATORS.

These radiators are shown in the above illustrations. They are constructed of upright lengths of standard black wrought iron pipe, usually 1 inch in diameter. They have fancy cast iron substantial bases, are fitted with return bends on top, and have a fancy cast iron cover. We have them square, oblong and circular. They are, as a rule, 36 inch. in height on an average, although we have some from 20 inch. up; also some that are much higher. They range in size from 15 sq. feet of heating surface up to 250 sq. feet of heating surface. The openings can be made any size required, and can be used on either single or two-pipe system.

Price per square foot of heating surface $0 16

CAST IRON RADIATION.

Our stock consists of 2 and 3 column steam and water radiators, ranging in heights from 18 to 45 inch. We can furnish almost anything required in 38 inch radiators, either 2 or 3 column. These radiators are standard size, and contain 4 sq. feet of heating surface to the 2 column, and 5 sq. feet to the 3 column. They are very ornamental in pattern, and suitable for the best residence purposes. Prices as follows:

FOR STEAM.

Heights up to 24 inch, price per square foot of heating surface..... $0 20
Heights from 24 to 32 inch, inclusive, per square foot of heating surface, ... 19
All other heights, per square foot of heating surface..... 18

FOR WATER.

Heights up to 24 inch, price per square foot of heating surface..... $0 23
From 24 to 32 inch, inclusive, per square foot of heating surface 20
All other heights, per square foot of heating surface..... 19

CIRCULAR CAST IRON RADIATION.

Thirty of them on hand. They are intended for bow windows, but could also be used for factory and other purposes. They are 18⅜ inches in height, 16 section, 8 inches wide, and contain 53⅓ square feet of heating surface to each radiator.

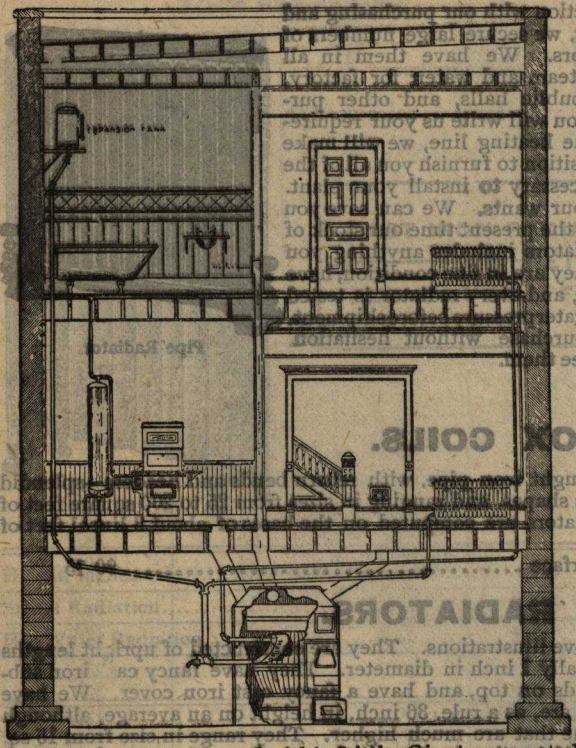
Price per radiator..... $7 C

FOR GREENHOUSEMEN.

We have pipe, flues, and everything necessary to install complete heating plant. Let us estimate on your requirements.

HOT WATER APPLIANCES FOR FURNACE

If You Have a Furnace, You Undoubtedly Have One or More Rooms Not Satisfactorily Heated.



This drawing shows Smith's Little Giant connected to Two Radiators and Expansion Tank. Can heat from one to four rooms.

It is impossible to heat with warm air a room distant from the furnace, where a long and almost level pipe has to be used. Especially is this true in regard to a second floor chamber, where, in addition to the long pipe in basement, there is usually not sufficient room in partition to admit a wall stack large enough to carry the required volume of air.

A HOT WATER RADIATOR in such a room insures a temperature that is pleasant and satisfactory.

A HOT WATER RADIATOR in a front hall has a wonderful effect in moderating the temperature of the rooms on each floor opening into the hall.

Many store buildings have offices or apartments above the store, all of which can be heated with **HOT WATER**, and the store floor with **WARM AIR.**

Our Smith's Patent Hot Water Appliances enable you to about double the capacity of your furnace.



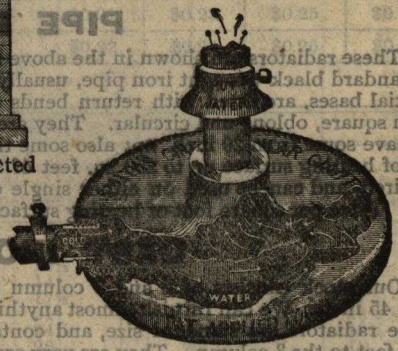
LITTLE GIANT.

Is made in four sizes.
Has no joints.
Can be placed in any furnace.
Will heat from one to four rooms.

The capacities as given below are conservative; the heater is in many cases doing more than rated to do:

Size No.	Height Inches	Width Inches	Size of Pipe	Bet. Centers of Pipe	Cap'c'y Sq. Ft. of Rad.	Price
0	9	5	1	6½	80	$4.75
1	9	8	1¼	6½	50	6.00
2	10½	10	1½	8½	100	7.25
3	12	12	2		150	9.75

No 3 is tapped at top.



CIRCULAR GIANT.

Made in six sizes, from 14 to 24 inches.

Can be placed in any furnace, but especially adapted to one with drum or dome, in which it acts as a deflector, throwing heat to sides of furnace and increasing the capacity very materially.

Will heat from one to eight rooms with Hot Water, and is also effective in heating large tanks. Has no joints. Saves fuel and at the same time insures better heat.

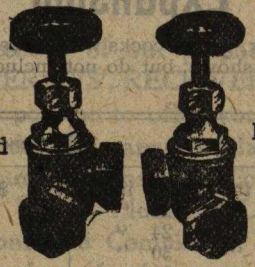
Size No.	Diameter	Size of Pipe	Capacity Sq. Ft. of Radiation	Price.
14	14 inches	1¼ inches	75	$ 7.25
16	16 "	1½ "	100	9.75
18	18 "	2 "	150	12.75
20	20 "	2 "	200	16.00
22	22 "	2½ "	250	20.00
24	24 "	3 "	300	24.00

Two Collars, with Set Screws, are Sent with Each Heater

RADIATOR VALVES

OUR STOCK REPRESENTS STRICTLY NEW PERFECT BRASS RADIATOR VALVES. EACH ONE FULLY GUARANTEED

This is a Right Hand Valve.



This is a Left Hand Valve.

No. 17. Jenkins' Disc, Radiator Valves, Nickel Plated all over. No union.

Size, in.,	¾	1¼	1½	2
Each....	$0.85	1.25	1.25	2.00





Brand new Hot Water Radiator Valves. Quick opening. Rough Body, Nickel Plated all over, with union.

Size, in.,	¾	1	1¼
Each....	$0.85	1.00	1.35
Size, inches,	1½	2	
Each.....	$1.85	2.50	

No. 21. Jenkins' Disc, Corner Radiator Valves, Brand New, Nickel Plated. Left hand or right hand. In ordering be sure to state which you desire. No union.

Size, inches....	¾	1	1¼	1½	2
Price, each.....	$0.63	1.00	1.25	1.50	2.40

No. 19. Jenkins' Disc, Corner Radiator Valves with union. Nickel Plated. Brand New. Left hand or right hand. In ordering be sure to state kind wanted.

Size, in.,	1	1¼	1½	2
Price, ea.,	$1.30	1.75	2.25	3.80



Hot Water Union Elbows



No. 45. Brand new solid brass. Nickel Plated all over.

Size, inches.....	¾	1	1¼	1½	2
Price, each.....	$0.60	.75	.95	1.20	2.10



No. 16. Jenkins' Disc, Radiator Valves, with union. Nickel Plated all over.

Size, inches,	¾	1	1¼
Each.....	$1.20	1.35	1.75
Size, inches,	1½	2	
Each.....	$2.05	3.20	

Air Valves



No. 13. Compression Radiator Air Valves. All Brass. Brand new. Size, ⅛ in. Price each, 12c.
Per doz.....$1.00



Automatic Radiator Air Valves

Nickel Plated.
Price each.....$0.50

No. 8. Lock Shield Radiator Valves, Jenkins' Disc, with unions.

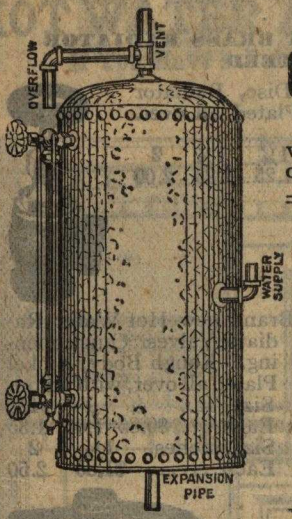
Sizes, inches....	¾	1	1¼	1½	2
Price, each.....	$1.20	1.35	1.75	2.05	3.20
Keys, extra, each.....	$0.10				

ASBESTOS MOLDED SECTIONAL PIPE COVERING



This form of covering is offered as the most durable and effective molded non-conducting covering yet produced. It is absolutely fire-proof, and is made in sections of all sizes, three feet long, which are provided with a canvas jacket and metal bands to hold them firmly in place; can be easily applied by unskilled workmen and is unsurpassed for high pressure steam.

Inside Diameter of Pipe.	Price Per Section of 3 Feet.	Elbows, Each.	Tees, Each.	Inside Diameter of Pipe.	Price Per Section of 3 Feet.	Elbows, Each.	Tees, Each.
½ inch.....	$0.28	$0.09	$0.10	3 inch.....	$0.45	$0.16	$0.18
¾ inch.....	.25	.09	.12	3½ inch.....	.50	18	.20
1 inch.....	.27	.10	.12	4 inch.....	.55	.20	.24
1¼ inch.....	.30	.11	.13	5 inch.....	.65	.30	.40
1½ inch.....	.33	.12	.14	6 inch.....	.75	.40	.50
2 inch.....	.36	.13	.15	7 inch.....	.80	.50	.60
2½ inch.....	.40	.14	.16	8 inch.....	.90	.66	.80



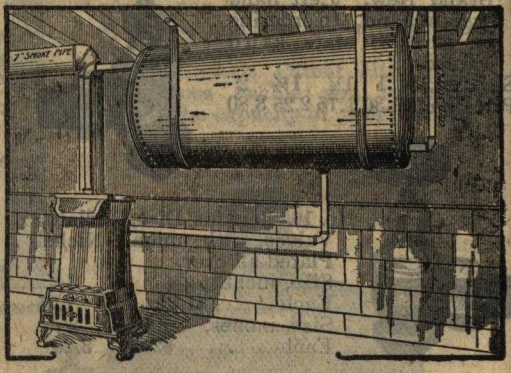
PRICE LIST OF Galvanized Steel Expansion Tanks

Tnese prices include the tank, gauge cocks with brass body, iron wheels and protecting guards, as shown, but do not include the inlet or outlet fittings.

CAPACITY	SIZE	PRICE TANK AND GAUGE
8 gallons	10 in. by 20 in.	$ 4 00
10 "	12 " " 20 "	4 50
12 "	12 " " 24 "	5 00
15 "	12 " " 30 "	6 00
18 "	12 " " 36 "	6 50
20 "	14 " " 30 "	7 50
24 "	14 " " 36 "	8 00
26 "	16 " " 30 "	8 30
32 "	16 " " 36 "	8 75
42 "	16 " " 48 "	9 42
66 "	18 " " 60 "	17 00

TANK HEATERS AND TANKS

New style tank heaters, with square top, so that irons or wash boiler can be placed on top. It has the latest style of revolving grate, and is the best low priced tank heater made to-day.



DIMENSIONS AND PRICES OF HEATERS

FOLLOWING PRICES ARE FOR HEATERS ONLY

No.	Size of Top for Irons	Diam. of Fire Pot	Size of Tapping	Depth of Fire Pot	Gall'ns Capac.	Price
19	14x24	10 in.	1 in.	10 in.	50 to 75	$17 50

No.	Size of Fire Pot	Depth of Fire Pot	Size of Smoke Pipe	Tank Capac. in Gal.	Size of Tapping	Price
13	10	11	6 in.	100	1 in.	$20 00
14	10	13	6 in.	125	1 in.	22 50
15	13	12	7 in.	150	1½ in.	25 00
16	13	15	7 in.	200	1½ in.	27 50
17	13	18	7 in.	250	1½ in.	33 00

DIMENSIONS AND PRICES OF STEEL STORAGE TANKS

FOLLOWING PRICES ARE FOR TANKS ONLY.

Gallons	Length Feet	Diameter Inches	Weight	Net Prices
66	4	20	200	$ 23 40
85	5	20	225	24 70
100	4	24	275	27 30
120	5	24	300	28 60
140	6	24	400	29 90
150	4	30	425	31 20
180	5	30	460	35 10
220	6	30	525	37 70
250	7	30	540	41 60
265	5	36	560	42 25
300	6	30	600	45 50
320	6	36	725	52 00
365	7	36	800	55 25
425	8	36	900	61 75
430	6	42	920	63 05
480	9	36	1000	68 25
575	8	42	1300	74 75
650	9	42	1500	81 25
750	10	42	1700	87 75
875	12	42	1900	94 25
1010	14	42	2300	107 25

Extra charge made for tanks with manhole, handhole or for flanges. These tanks can be furnished galvanized or with galvanized or plain steam coils. Prices on application.

PLUMBING DEPARTMENT

ON account of our purchases of complete stocks of General Merchandise at SHERIFFS', RECEIVERS', MANUFACTURERS' and other Sales, we are always in position to offer you exceedingly rare bargains in Plumbing Supplies of every kind. We carry the largest stock of such Supplies to be found anywhere in this Country. For years Consumers have been forced to pay exorbitant prices for anything in the Plumbing Line, because the Plumbing Trade is controlled by Associations and Combines. We are practically the only Supply House in this Country today who does not allow anyone to dictate to whom the Plumbing is to be sold.

The Material that we are offering is just as good as anything manufactured. with few exceptions, and these are fully noted; everything offered in the Plumbing Line is absolutely brand new.

We are in position to make you a quotation completely on everything needed to install a Modern Plumbing Outfit in your Home, Factory or Building. It makes no difference whether there is a Water Supply adjacent to you or not. If you are in the Country and must furnish your own Water Supply, we can make you a very low proposition for the complete installation of such a Plant.

If you are so situated that you cannot obtain the services of a regular Plumber to put in your Plumbing Material, we can give you all the detailed information you will need and can furnish all the necessary parts to do the Plumbing. We can furnish you with traps, both lead and brass, with iron pipe threads soldered on. We will also supply full descriptions and illustrations, so that any ordinary mechanic without practical plumbing experience will be able to install the entire plant for you. In such a case, it will be necessary to furnish us a plan of your House or Building, showing the size of rooms, with height of ceiling, and the present source of water supply, if any, and the location of the cess-pool or sewer, or such other place as you wish to drain to.

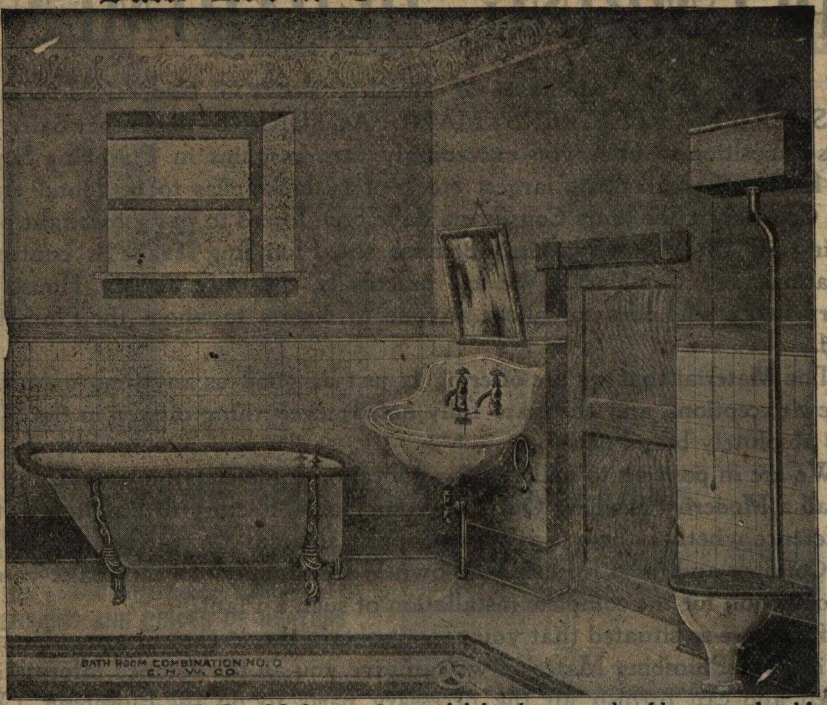
We have in our employ a competent force of Plumbing Experts, who will be pleased to give you any information that you may require. We are ready to estimate on furnishing Plumbing, no matter how large a quantity you may require.

In the following Pages, we show a complete line of Modern Up-to-date Bath Room Outfits. For your information, we give you the shipping weight of these Outfits, which is as follows:

No. 0	250 lbs.
No. 1	500 lbs.
No. 2	550 lbs.
No. 3	600 lbs.
No. 4	650 lbs.
No. 5	700 lbs.
No. 6 Kitchen Outfit	250 lbs.

The freight rates furnished on application. Or, if you desire, send us a complete list of what you need, and we will estimate just what the freight will cost you to your shipping point.

Bath Room Combination No. 6.



THE BATH TUB. Modern and graceful in shape, made of heavy steel, white enameled on the inside and painted on the outside, and is finished with a polished hardwood rim with decorated cast iron legs. Length of tub is 5 foot.

The fittings consist of the following:

Nickel-plated connected waste and overflow, nickel-plated double compression bath cock with tail pieces for iron or lead pipe (in ordering specify which); chain and rubber stopper.

THE LAVATORY. One piece, cast iron, roll rim, white porcelain enameled lavatory, nicely finished on the outside. It is for straight wall, and is all cast in one piece. It is absolutely sanitary. It is fitted with two nickel-plated compression basin cocks, nickel-plated "S" trap with waste to the floor, nickel-plated chain and rubber stopper; floor flanges and fancy brackets.

THE CLOSET is a sanitary Vitreous bowl, complete with a polished hardwood Oak seat and copper lined Oak tank, fitted with ball cock, syphon, chain, pull, etc.; with nickel-plated flush pipe.

QUALITY. The material on this outfit is all new. The bath tub is strictly perfect. Every fitting used on this outfit is perfect.

The closet bowl and lavatory slab are Class "B," but the defects are so slight that they will not impair the usefulness or appearance to any extent.

Price for this outfit.....$25.00

NOTE. We will furnish this bath tub in 4½ foot length at a deduction of 35 cents.

If 5½ foot tub is wanted, add.....$0.60

If 6 foot tub is wanted, add.....$1.60

We will furnish nickel-plated supply pipes for this bath tub at an additional price of.....$1.50

The Lavatory we will furnish with trap to wall instead of to floor at the same price.

We will furnish nickel-plated supply pipes for lavatory at an additional price of.....$1.25

This is a Good Outfit at a Low Price.

BATHROOM COMBINATION No. 1.



THE BATH TUB is cast iron; has a heavy 3-inch roll rim; is made in one piece; is white porcelain enameled on the inside and over the roll rim; is finished on the outside with a single coat of Iron Filler Paint.

The fittings are heavy brass nickel-plated, consisting of nickel-plated waste plug and overflow; nickel-plated Fuller double bath cock for hot and cold water; nickel-plated chain and rubber stopper; floor flanges, etc. Tub is 4½ feet in length and 30 inches in width.

THE LAVATORY is pink Tennessee marble for straight wall, complete with back and Patent overflow bowl; nickel-plated compression basin cocks; nickel-plated "S" trap from basin to floor; floor flanges; basin clamps; nickel-plated twisted brackets; chain and rubber stopper.

THE CLOSET is a vitreous porcelain washout-bowl, with hardwood seat for attachment against the wall; Tank is copper lined and furnished in either Natural, Golden or Antique Oak, or Cherry (In ordering state your preference), fitted with latest appiances and complete in every way, including chain and pull; nickel-plated flush and supply pipes, the flush pipe being connected to the bowl with a patent rubber elbow, includes floor screws, floor flanges, etc.

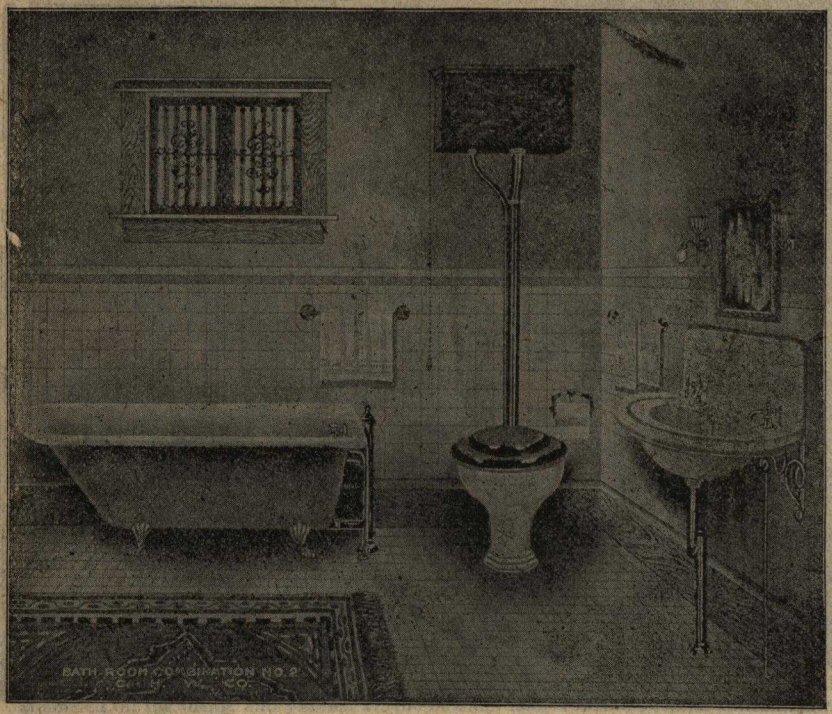
QUALITY. The outfit consists of all new material. The tub is Class "B." The defects are very slight, scarcely noticeable and do not mar the appearance or usefulness of the tub.

Price as described.....$37.50

NOTE. If 4 foot bath tub is wanted. Same price.....
If 5 foot bath tub is wanted, add 1.50
If 5½ foot bath tub is wanted, add 3.00
If 6 foot bath tub is wanted, add 4.50

The bath tub can be furnished with nickel-plated connected waste and overflow instead of common waste and overflow at an additional charge of.....$1.25

BATH ROOM COMBINATION No. 2



THE BATH TUB is a graceful cast iron tub; has a heavy 3-inch roll rim; is made in one piece; is white porcelain enameled on the inside and over the roll rim; finished on the outside with a single coat of iron filler paint.

The fittings are heavy brass nickel-plated, consisting of nickel-plated double Fuller bath cock for hot and cold water; nickel-plated connected waste and overflow; nickel-plated supply pipes; chain and rubber stopper; floor flanges, etc. Tub is 5 feet in length and 30 inches in width.

THE LAVATORY is cast iron counter sunk rolled edge, white porcelain enameled; size of slab 18x24 inches; has 11x15-inch patent overflow oval bowl with 8-inch back; is cast seamless in one piece; is fitted with fancy brackets; and complete with nickel-plated Fuller basin cocks for hot and cold water; nickel-plated "S" trap from basin to floor; nickel-plated supply pipes to floor; nickel-plated overflow strainer; chain stay; chain and rubber stopper.

THE CLOSET is a vitreous porcelain washout bowl; with hardwood seat attached directly to the bowl with nickel-plated bolt attachment; tank is copper lined and furnished either in natural, golden antique oak or cherry (in ordering, state your preference), and is fitted with latest appliances and complete in every way, including chain and pull; is furnished with nickel-plated flush and supply pipes, the flush pipe being connected to the bowl with a patent rubber elbow. The outfit includes floor screws, floor flanges, etc.

QUALITY. The outfit consists of all new material. The tub is Class "B." The defects are very slight, scarcely noticeable, and do not mar the appearance or usefulness of the tub.
Price as described.....**$44.00**

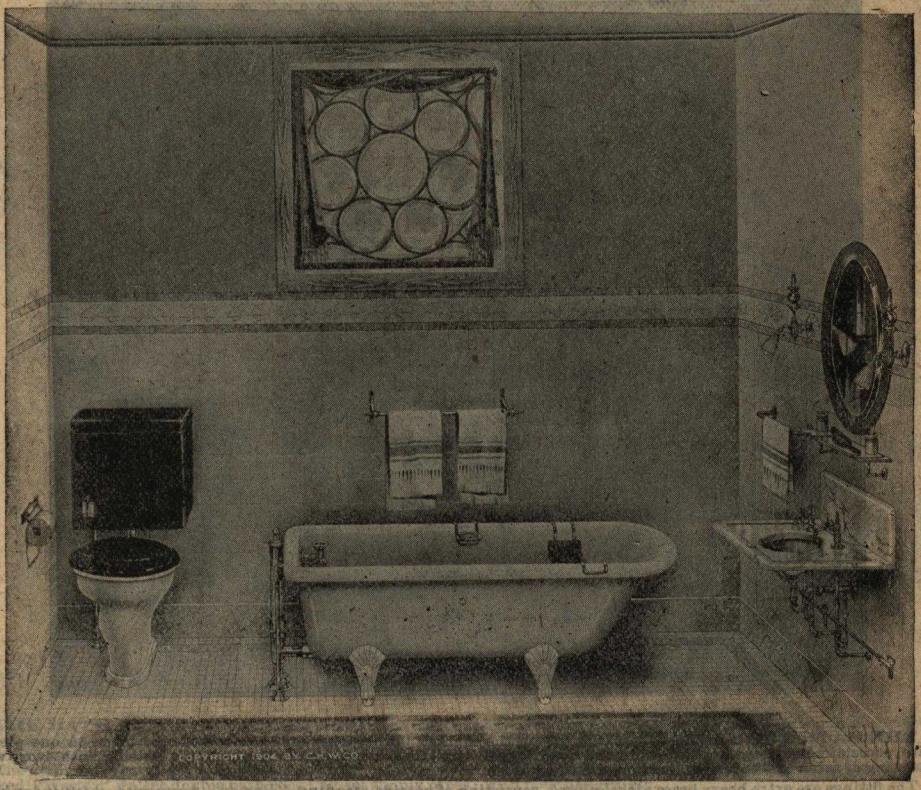
NOTE. The outfit with closet bowl changed from the washout pattern specified above to syphon wash-down bowl will cost extra.....$1.00

We can also furnish this Lavatory with fittings to wall instead of to floor at the same price. We will furnish Lavatory for corner of room instead of straight wall as described at the same price.

If 4 or 4½-foot Bath Tub is wanted, deduct.....**$1.50**
If 5½-foot Bath Tub is wanted, add.....**1.50**
If 6-foot Bath Tub is wanted, add.....**3.00**

We can furnish this Bath Tub with combined nickel-plated brass waste and overflow and bath trap to go above the floor at an additional price of.....$2.5

Combination No. 3 $55.00



Combination No. 3

THE BATH TUB.—Cast iron, white porcelain enameled, with heavy 3-inch roll rim. Tub is 5 feet in length, 30 inches in width, graceful in shape. A very comfortable tub. It is fitted with a double nickel plated combination bath cock for hot and cold water, nickel plated supply pipes, standing "Roman" waste, nickel plated, with latest appliances. The feet are artistic in design.

THE CLOSET consists of a latest improved syphon wash-down bowl, made of vitreous porcelain ware. It has seat and cover attached directly to the bowl, with nickel plated clamps and fittings. The tank is of the low-down pattern, round-cornered, copper lined, with best grade ball cock and improved push-button action flushing device, with nickel plated supply pipe and flush connection, with floor flange and rubber gasket.

THE LAVATORY is a countersunk, genuine Italian marble, with a solid porcelain 14x17 oval basin, with nickel plated brass rope pattern brackets, N. P. Fuller basin cocks, N. P. brass supply pipes with air chambers, N. P. brass trap (both trap and supply pipes to the wall), N. P. chain and rubber stopper, complete with clamps, screws and nickel plated flanges.

Price for the above complete, as described, all guaranteed to be brand new..... **$55.00**

You will also note in this illustration various trimmings that we are showing with this outfit, which we quote as follows:

Nickel plated Toilet Paper Holder for holding paper on rolls. Price.....	.75
Hard finish Oak Seat with nickel plated adjustable clamps, rubber bound, for hanging over edge of bath tub. Price.....	1.00
A handsome nickel plated brass Soap Cup for hanging over the rim of the tub. Price.....	1.00
Nickel plated brass Towel Bar for bath tub, ½ inch diameter, 30 inches long, with 2 nickel plated brass posts holding same 3 inches from the wall. Price.....	1.00
A second nickel plated brass Bar, 24 inches long, like the above, for the lavatory. Price.....	.90
Plate Glass Shelf, 24x5 inches, with nickel plated brass brackets. Price.....	4.00
Total.....	$63.65

Our Special Price for Everything Listed, $62.00

If 4 or 4½ foot tub is wanted, deduct..... $1.50

If 5½ foot tub is wanted, add..... 1.50

If 6 foot tub is wanted, add..... 3.00

BATH ROOM COMBINATION No. 4



THE BATH TUB is the finest cast iron tub on the market. It has a heavy 3-inch roll rim, is made in one piece; is white porcelain enameled on the inside and over the roll rim. Is handsomely finished on the outside with ivory white consisting of seven coats of paint, having a polished finish.

The fittings are extra heavy brass nickel-plated, consisting of outside standing "Roman" waste with china index button marked "Waste;" Fuller double bath cock; off-set supply pipes; with floor flanges, etc. Tub is 5½ feet in length and 30 inches in width.

THE LAVATORY is for corner of room and is handsome countersunk Italian marble or beautiful selection of pink or extra rich dark chocolate color Tennessee (in ordering, state preference). Has two backs; oval porcelain basin with heavy nickel-plated bi-transit "Roman" waste; nickel-plated Fuller basin cocks; one nickel-plated rope pattern bracket; nickel-plated brass supply pipes with air chambers, nickel-plated brass flask trap; complete with clamps, screws and nickel-plated floor clamps.

THE CLOSET is of low tank pattern, thoroughly sanitary and modern in construction. It is the latest improved vitreous syphon wash-down bowl with jet. The seat and cover are made of seasoned quarter-sawed oak with high polished finish. The seat is saddle-shaped and attaches directly to the bowl with post and nickel-plated hinges. The tank is lined with heavy copper and includes a high pressure ball-cock and float valve syphon, and has nickel-plated push button action. We can furnish the woodwork in natural, golden or antique oak (in ordering state preference as to finish). It has two-inch elbow connection between the tank and the bowl, and nickel-plated supply pipes from floor to the tank with stop valve.

SHOWER BATH. A newly designed portable Shower Bath, consisting of a brass nickel-plated perforated shower with a substantial wall fastening and braced curtain ring, with superior quality rubber curtain and rubber tubing and "hold-fast" connection to attach to bath cock. It is designed to be fastened to the wall above tub with screws.

Included with this outfit, we supply the following accessories:
One Plate Glass Shelf, 24x5 inches, with nickel-plated brass brackets.
One Hard Finished Oak Seat with nickel-plated adjustable clamps, rubber bound, for hanging over edge of bath tub.
One Nickel-plated Toilet Paper Holder for holding paper on rolls.
A handsome Nickel-plated Brass Soap Cup for hanging over the rim of the tub.
Nickel-plated Brass Towel-bar for Bath Tub, ½-inch diameter, 30 inches long, with two nickel-plated brass posts for holding same 3 inches from the wall.

A second Nickel-plated Brass Bar, 24 inches long, like the above, for the lavatory.

A Nickel-plated Brass Combined Tumbler, Mug and Soap Combination for the lavatory.

QUALITY. We guarantee every article used in this Bath Room Combination to be strictly new and perfect. The enamelware is guaranteed for two years against crazes, chips or defects from ordinary wear. Any article proven defective within this time will be cheerfully replaced with perfect material. The outfit will be furnished with floor screws, flanges, clamps, etc., complete and ready to set up.

Price as described..... **$90.00**

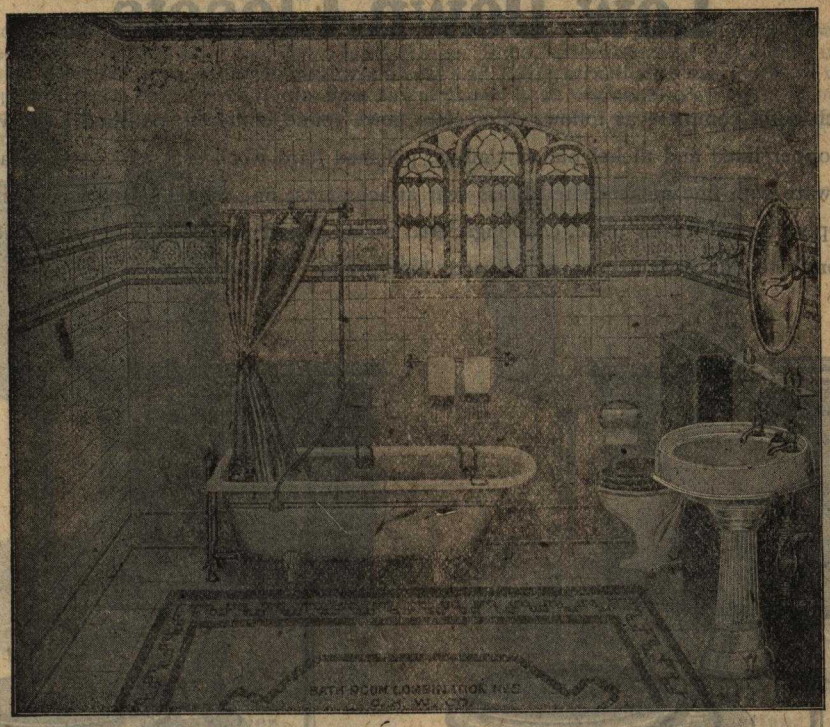
NOTE. We will furnish this Bat Tub with gold bands at an additional price of..... **3.00**

The Lavatory as shown in the illustration is for left-hand corner. If wanted for the opposite corner, state for right-hand corner. If wanted for straight wall, so state, and we will furnish it at the same price. The fittings in the illustration of the lavatory are to the floor. If wanted to wall, they will be furnished at the same price.

If 4 or 4½-foot Bath Tub is wanted, deduct	$ 5.00
If 5-foot Tub is wanted, deduct	3.00
If 6-foot Tub is wanted, add	3.50
Price on the complete Shower Bath only	14.00

We carry the largest stock of Plumbing Material in Chicago.

BATH ROOM COMBINATION No. 5



THE BATH TUB is the finest cast iron tub on the market. It has a heavy 3-inch roll rim, is made in one piece; is white porcelain enameled on the inside and over the roll rim. Is handsomely finished on the outside with ivory white, consisting of seven coats of paint, having a polished finish and with two gold bands around the entire outside of the tub.

The fittings are extra heavy brass nickel-plated, consisting of outside standing "Roman" waste with china index button marked "Waste;" Fuller double bath cock; off-set supply pipes; with floor flanges, etc.

Tub is 5½ feet in length and 30 inches in width.

THE LAVATORY is the handsomest manufactured. It is made to set away from the wall about 1 to 3 inches. It is cast in two pieces, the pedestal part being one piece and the bowl slab with basin complete in one piece, the two bolted together with nickel-plated fittings. It stands 30 inches high. Size of oval slab is 22x27 inches. It is handsomely enameled in white over all. The slab is very deeply countersunk and the pedestal is also oval in shape, harmonizing beautifully with the slab.

The fittings are heavy brass nickel-plated, consisting of special design semi-low down compression basin cock, with cross and ball handle with china index button marked respectively "Hot" and "Cold;" improved "Roman" lifting waste with china index button marked "Waste;" nickel-plated "Roman" flask trap, vented, with both the vent and waste pipes to the wall; nickel-plated brass air chamber supply pipes with angle stop valve.

THE CLOSET is of low tank pattern, thoroughly sanitary and modern in construction. It is a genuine syphon jet vitreous porcelain bowl with extra deep seal, especially constructed so that there can be no chance for sewer gas to find its way back through this fixture. It has an extra large jet and the syphonic action is perfect. The seat and cover are made of seasoned quarter-sawed oak with high polished finish. The seat is saddle shaped and attaches directly to the bowl with post and nickel-plated hinges. The tank is lined with heavy copper and includes a high pressure ball cock and float valve syphon, and has nickel-plated push button action. It has 2-inch nickel-plated off-set connection between the tank and the bowl, and nickel-plated supply pipes from floor to the tank with stop valve.

We can furnish woodwork natural, golden or antique oak. (In ordering, state preference as to finish.)

SHOWER BATH. A newly designed portable shower bath, consisting of a brass nickel-plated perforated shower with a substantial wall fastening and braced curtain ring, with superior quality rubber curtain and rubber tubing and "hold-fast" connection to attach to bath cock. It is designed to be fastened to the wall above tub with screws.

Included with this outfit, we supply the following accessories:

One Plate Glass Shelf, 24x5 inches, with nickel-plated brass brackets.

One Hard Finish Oak Seat with nickel-plated adjustable clamps, rubber bound, for hanging over edge of bath tub.

One Nickel-plated Toilet Paper Holder for holding paper on rolls.

A handsome Nickel-plated Brass Soap Cup for hanging over the rim of the tub.

Nickel-plated Brass Towel Bar for bath tub, ½-inch diameter; 30 inches long, with two nickel-plated brass posts holding same 3 inches from wall.

A second Nickel-plated Brass Bar, 24 inches long, like the above, for the Lavatory.

QUALITY. We guarantee every article used in this Bath Room combination to be strictly new and perfect. The enamelware is guaranteed for two years against crazes, chips or defects from ordinary wear. Any article proven defective within this time will be cheerfully replaced with perfect material. The outfit will be furnished with floor screws, flanges, clamps, etc., complete and ready to set up.

Price as described **$110.00**

NOTE. The fittings on the Bath Tub can be changed from the style described and instead, we will include a nickel-plated compression bell supply and waste fitting. This fitting admits the water about 4 inches from the bottom of the tub, the handles projecting upward to the same height as the waste fitting shown in the illustration, and each handle is marked with china indexed button "Hot" and "Cold." When the tub is furnished with the bell supply fitting the portable shower can not be used, and is not furnished. Price, with bell supply fitting **$110.00**

If 4 or 4½-Foot Bath Tub is wanted, deduct..... **$5.00**

If 5-Foot Tub is wanted, deduct..... **3.00**

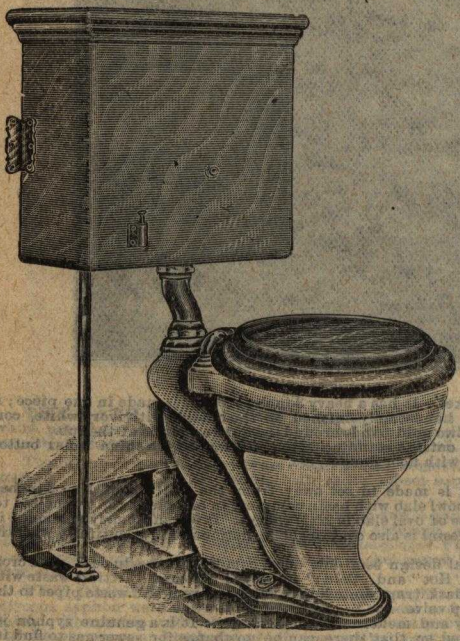
If 6-Foot Tub is wanted, add..... **$ 3.50**

Price for the complete shower bath only..... **14.00**

$1,000,000 WORTH OF ELECTRICAL MATERIAL FROM ST. LOUIS EXPOSITION FOR SALE.

Low Down Closets

Each outfit complete as follows: Porcelain bowl, round cornered; polished hard wood low down, copper lined and nickel plated clamps; polished hard wood seat and cover attached to earthenware with fine nickel-plated brass seat attachments; fine nickel-plated flush connection and supply pipe, with floor plate, couplings, etc.; nickel plated push button action. The whole outfit complete and ready to connect. Strictly high grade.



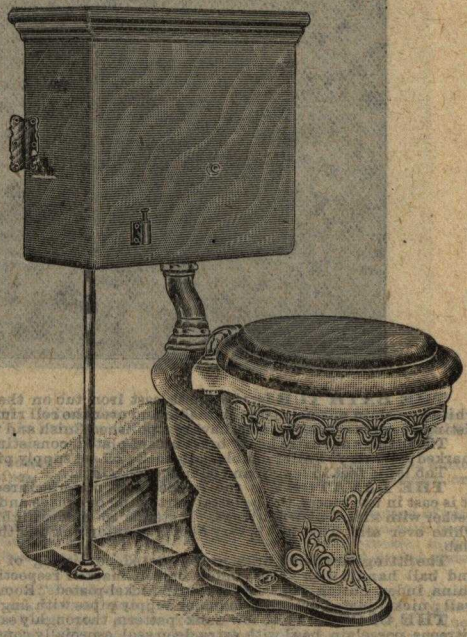
No. 51 Combination

Consists of outfit complete as above, and **Plain Syphon Jet Bowl.**

Price.....$22.00

No. 51½ Combination same as the above, except bowl is second grade. The defects are very slight.

Price, complete combination, $17.00



No. 52 Combination

Consists of outfit complete as above, and **Embossen Syphon Jet Bowl.**

Price.....$22.75

No. 52½ Combination same as the above, except bowl is second grade. The defects are very slight.

Price, complete combination, $17.75

All kinds of Building Material, Lumber, etc., from St. Louis Exposition.

LOW DOWN CLOSETS

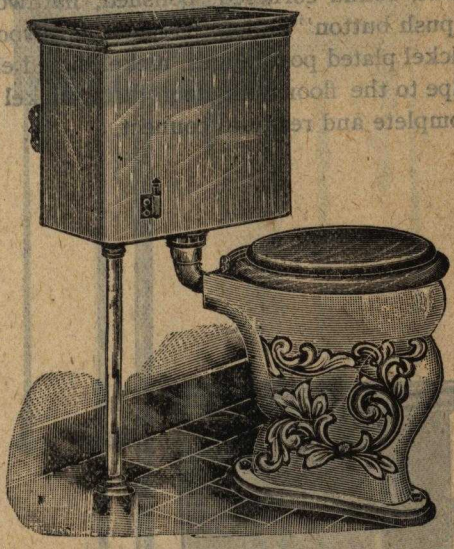
Each outfit complete as follows: Vitreous porcelain syphon jet washdown bowl, round cornered polished hardwood low down tank, copper lined, with improved **Douglass** flush valve and nickel plated clamps; polished hardwood seat and cover attached to earthenware with fine nickel plated brass seat attachments; fine nickel plated flush connection and supply pipe, with floor screws, etc.; nickel plated push button action. The whole outfit complete and ready to connect.



No. 73 Combination.

Consists of outfit as above and plain syphon jet washdown bowl.
Price..... **$15.50**

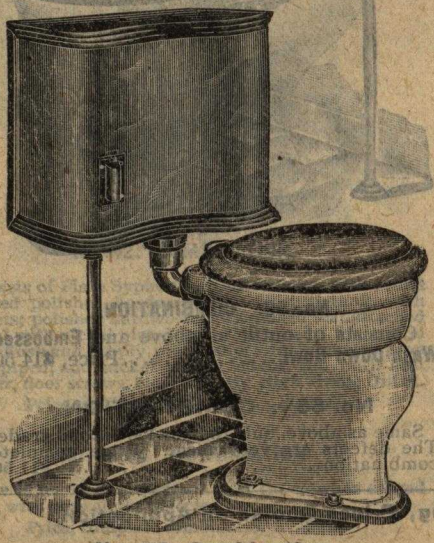
No. 73½ Combination. Same as above, except bowl is second grade. The defects are very slight.
Price complete combination,..... **$13.50**



No. 74 Combination.

Consists of outfit as above and embossed syphon jet washdown bowl.
Price..... **$16.00**

No. 74½ Combination. Same as above, except bowl is second grade. The defects are very slight.
Price complete combination,..... **$14.00**



No. 87. Combination.

HIGHEST GRADE BENT WOOD TANK SYPHON FLUSHDOWN COMBINATION

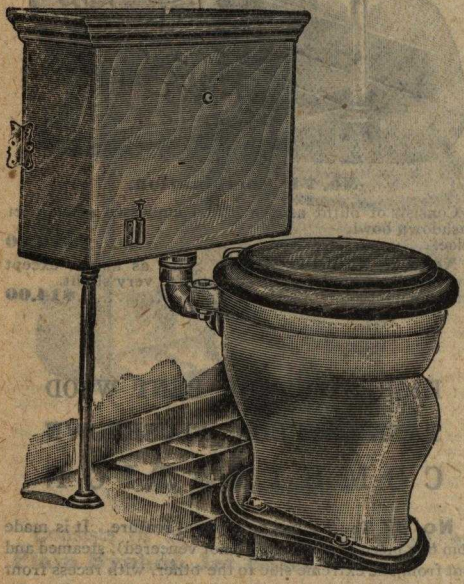
No. 87 The Tank is an especial feature. It is made from one piece of solid wood (not veneered), steamed and bent from one extreme side to the other, with recess front effect. Made with inner wood casing surrounding the heavy copper lining, with a dead air space between the two, providing suitable ventilation for dampness to escape without coming in contact with outer bent wood case, thus making a strong, durable Tank with fewest possible seams. This Tank represents the highest degree of perfection in closet woodwork. Outfit includes vitreous porcelain "Flushdown" bowl, with seat and cover attached, the woodwork of this matching the Tank; nickel plated supply pipe and nickel plated flush connection, closet floor screws, etc.

Price, outfit complete, plain bowl..... **$19.00**

"Bent Wood Tank" furnished on any of our other Low Tank Combinations $5.00 extra

Low Down Closets.

Each Outfit complete as follows: Vitreous Porcelain Syphon washdown closet bowl, round cornered, polished, hardwood tank copper lined, with nickel plated "push button" action, polished hardwood seat and cover attached to the bowl, with nickel plated post hinges, nickel plated elbow flush connection, nickel plated supply pipe to the floor with floor plate, nickel plated floor screws, etc. The whole outfit complete and ready to connect.

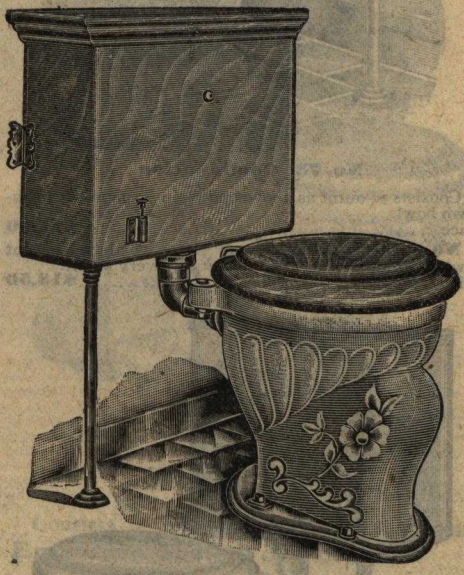


No. 55. COMBINATION.

Consists of outfit as above and **Plain Wash-down Bowls**.....Price, $14.00

No. 55½. COMBINATION.

Same as above, only the bowl is second grade. The defects are very slight. Price, complete combination..... $11.00



No. 56. COMBINATION.

Consists of outfit as above and **Embossed Wash-Down Bowl**.....Price, $14.50

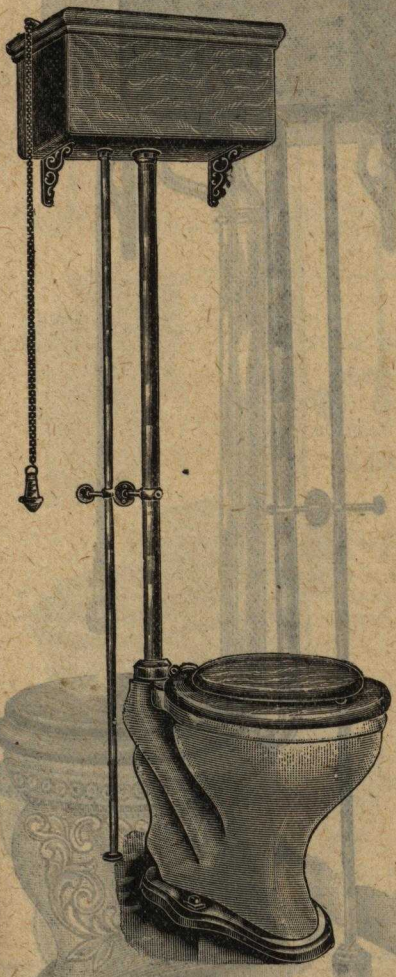
No. 56½. COMBINATION.

Same as above, only the bowl is second grade. The defects are very slight. Price, complete combination..... $11.50

Marble Floor Tile and Marble Wainscoting, Prices Quoted on Application.

Closet Combinations.

SYPHON JET CLOSETS.



No. 42. COMBINATION.

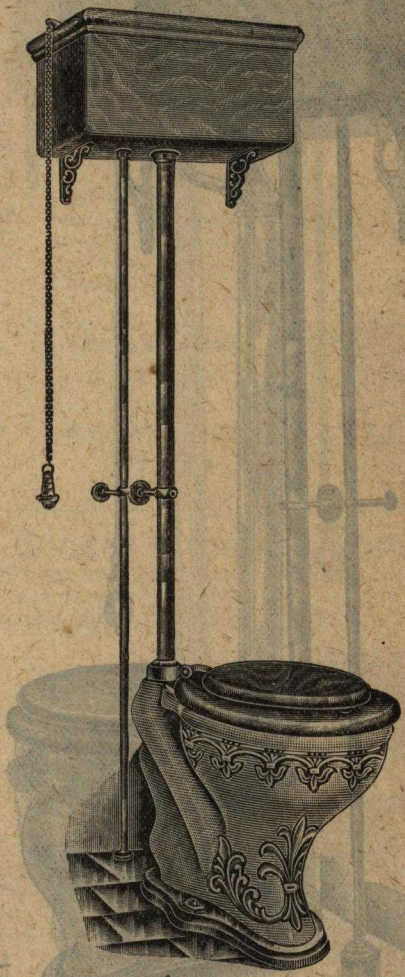
Consists of Plain Syphon Jet Closet Bowl, with round cornered polished hardwood, oak finished tank, with brackets; polished hardwood oak finished seat attached to bowl with nickel plated seat attachment; fine nickel plated flush and supply pipes; slip joint connection on flush piped, and nickel plated chain and pull, seat bumper, floor screws, etc. **Strictly High Grade Outfit.**

Price, as described.....$18.50

No. 42½. COMBINATION.

Same as above outfit, except that the bowl is second grade, with very slight defects.

Price, complete combination....$15.00



No. 43. COMBINATION.

Consists of Embossed Syphon Jet Closet Bowl, with round cornered polished hardwood, oak finished tank, with brackets; polished hardwood oak finished seat attached to bowl with nickel plated seat attachment; fine nickel plated flush and supply pipes; slip joint connection on flush pipe, and nickel plated chain and pull, seat bumper, floor screws, etc. **Strictly High Grade Outfit.**

Price, as described.....$19.25

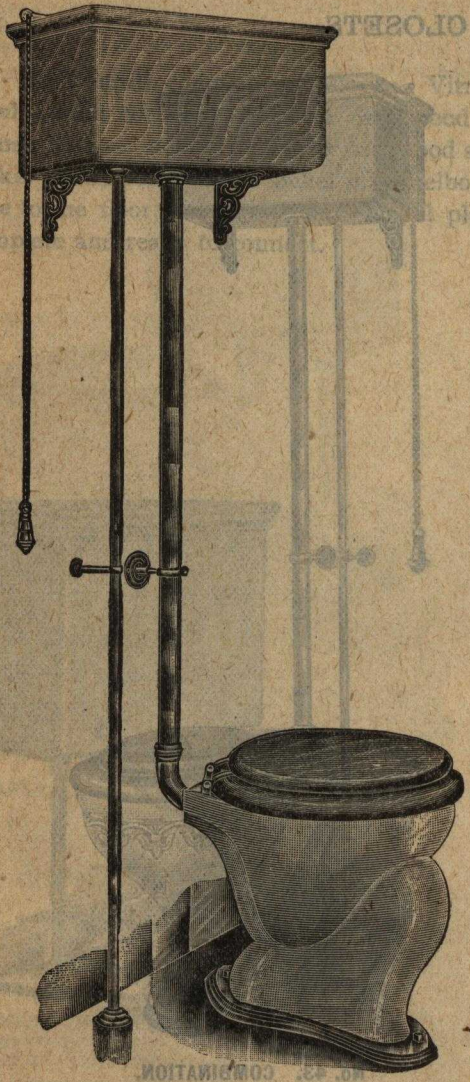
No. 43½. COMBINATION.

Same as above outfit, except that the bowl is second grade, with very slight defects.

Price, complete combination....$15.50

IF WITHOUT FLUSH AND SUPPLY PIPES, DEDUCT $2.00

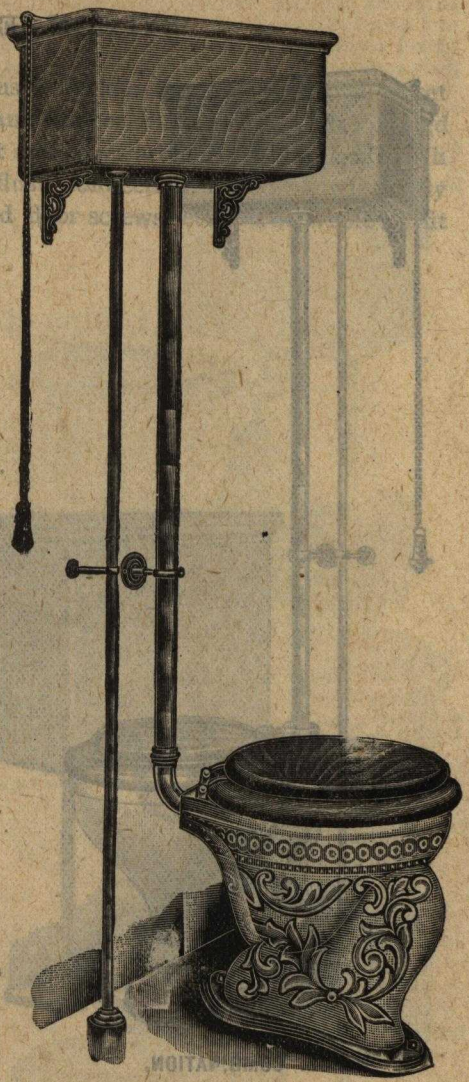
Syphon Jet Washdown Closet.



No. 71. COMBINATION.

Consists of plain semi Vitreous Porcelain Syphon Jet washdown closet bowl, with round cornered polished oak tank, copper lined, with brackets. Polished oak seat, attached directly to bowl, nickel plated flush and supply pipes and nickel plated slip joint elbow connection, floor screws, chain and pull and bumper.

Price, complete.....$14.00



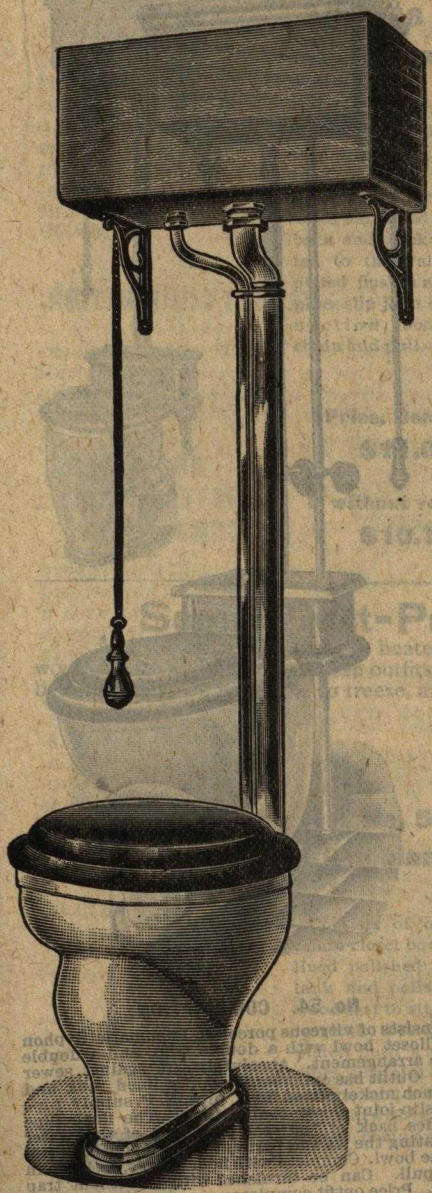
No. 72. COMBINATION.

Consists of embossed semi Vitreous Porcelain Syphon Jet washdown closet bowl, with round cornered, polished oak tank, copper lined, with brackets. Polished oak seat, attached directly to bowl, nickel plated flush and supply pipe, and nickel plated slip joint elbow connections floor screws, chain and pull and bumper.

Price, complete.....$14.50

IF WITHOUT FLUSH AND SUPPLY PIPES DEDUCT $2.00

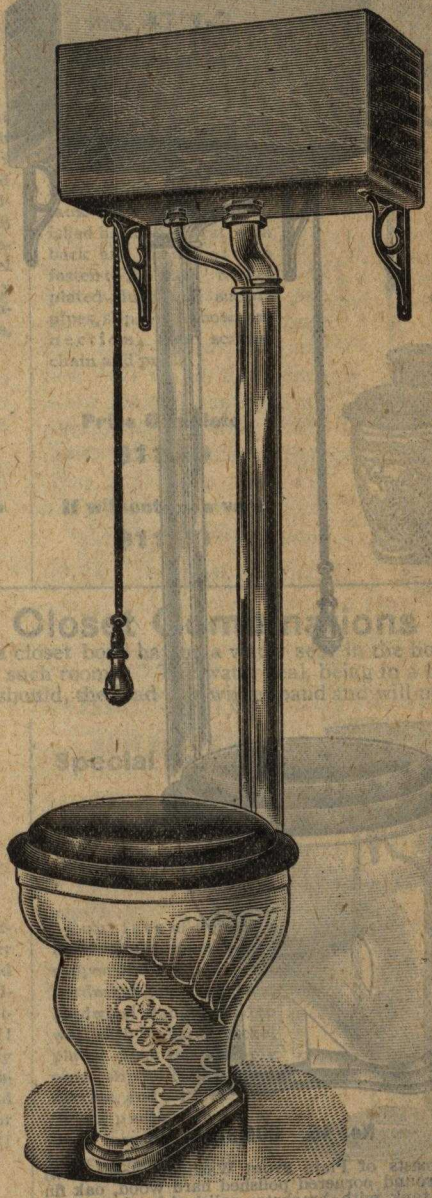
WASH DOWN CLOSETS.



NO. 57. COMBINATION.

Consists of Plain Wash Down Closet Bowl, with round cornered polished hardwood, oak finished tank, with brackets; polished hardwood oak finished seat attached to bowl with nickel plated seat attachment; fine nickel plated flush and supply pipes, slip joint connection on flush pipe, and nickel plated chain and pull.

Price, as described.....$12 00



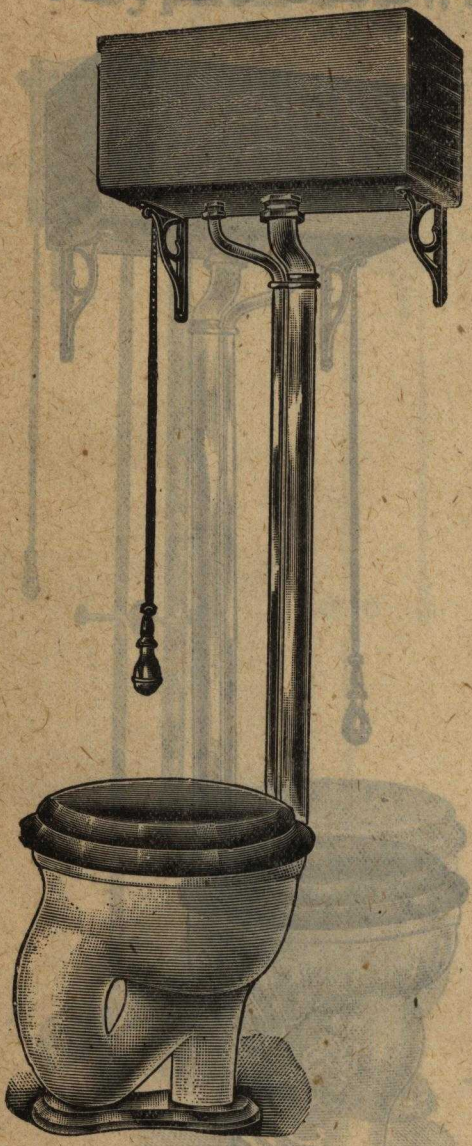
NO. 58. COMBINATION.

Consists of Embossed Wash Down Closet Bowl, with round cornered polished hardwood, oak finished tank, with brackets; polished hardwood oak finished seat attached to bowl with nickel plated seat attachment; fine nickel plated flush and supply pipes; slip joint connection on flush pipe, and nickel plated chain and pull.

Price, as described.....$12 00

IF WITHOUT FLUSH AND SUPPLY PIPES, DEDUCT $2.00.

Washout Closets.



No. 46. COMBINATION.

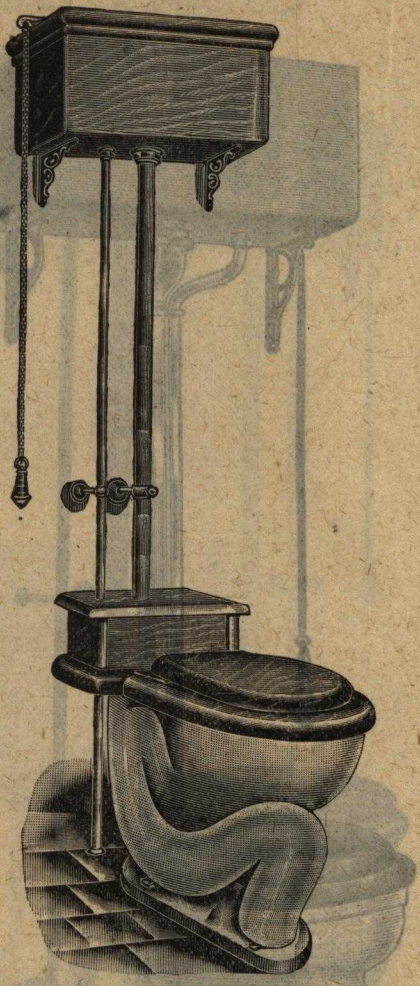
Consists of Plain Front Washout Closet Bowl with round cornered polished hard wood, oak finished tank with brackets; polished hardwood oak finished seat attached to bowl, with nickel plated seat attachment; fine nickel plated flush and supply pipes; slip joint connection on flush pipe, and nickel plated chain and pull.

Price, as described.....$11.75

No. 47. Same as above only bowl is embossed.
Price.....$12.25

Syphon Jet Closet.

DOUBLE TRAP.



No. 54. COMBINATION.

Consists of vitreous porcelain Pneumatic Syphon Jet Closet bowl with a double trap, and a double flush arrangement. Absolutely safe against sewer gas. Outfit has extra large copper lined tank and 1½-inch nickel plated flush pipe, N. P. supply pipe and slip joint closet connections. The flush pipe divides back of the seat box, part of the water operating the jet and part entering the flushing rim of the bowl. Complete with floor screws, N. P. chain and pull. Can be furnished with or without trap vent. Price outfit complete:

Without trap Vent.....$15.00
With trap Vent and coupling..... 16.00

The bowls on above are very slightly crazed. This does not damage them a particle except in appearance. But for this defect they would be worth 50 per cent. more.

Let us make you Quotations on Lumber. We can save you Money.

WASHOUT CLOSETS



No. 46 1-2 Combination

Consists of plain front washout closet bowl with trap vent; with copper lined, polished hardwood tank with brackets; polished hardwood seat with back and brackets to fasten to the wall. Nickel plated flush and supply pipes slip joint elbow connection, floor screws, chain and pull.

Price, Complete
$11.00

If without vent trap
$10.75

No. 47 1-2 Combination

Consists of embossed front washout closet bowl, with trap vent; copper lined, polished hardwood tank with brackets; polished hardwood seat with back and brackets to fasten to the wall. Nickel plated flush and supply pipes, slip joint elbow connection, floor screws, chain and pull.

Price Complete
$11.50

If without trap vent
$11.00



Semi-Frost-Proof Closet Combinations

Many bath rooms are not heated, and a closet bowl having a water seal in the bowl itself would freeze and burst. These outfits are for such rooms. The water seal, being in a lead trap below the floor, is not liable to freeze, and if it should, the lead trap will expand and will not burst.



No. 50 Combination

Consists of offset porcelain closet bowl; copper lined polished hardwood tank and polished hardwood seat to attach directly to the bowl, nickel plated flush and supply pipes, slip joint elbow connection, and a 4-inch lead "P" trap with ferrule, floor screws, chain and pull.

Price Complete
$12.00

Special Bargain.

No. 50 1-2 Combination

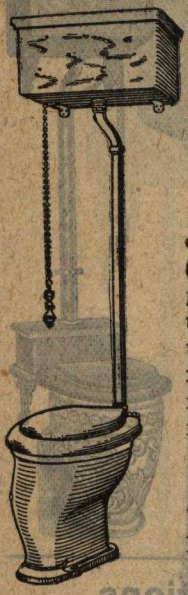
Consists of porcelain flush rim hopper bowl, copper lined polished hardwood tank, polished hardwood seat attached to wall with brackets, nickel plated flush and supply pipes, slip joint elbow connection, and a 4-inch iron "P" trap with lead ferrule, floor screws, and nickel plated chain and pull.

Price Complete
$9.00



Any of the above without flush and supply, deduct $2.00

Bargain Water Closet Combinations.



NO. 100. WATER CLOSET COMBINATION.

Consists of pedestal, porcelain washout closet bowl (the bowl second grade, but guaranteed in good condition), hardwood seat and tank, oak finish (the seat for attachment to the wall), nickel plated flush pipe with rubber elbow connection, brackets, chain and pull, floor screws, etc.; tank complete with fixtures.

Price, as described.. $9.00



NO. 102. WATER CLOSET COMBINATION.

Consists of syphon jet porcelain closet bowl (bowl defective in some way but guaranteed as to action), hardwood seat and tank, oak finish, seat for attaching to the bowl. Nickel plated flush pipe, brackets, chain and pull, floor screws, etc. Tank complete with all trimmings. Top supply unless otherwise specified.

Price, as described $9.75

NO. 101. WATER CLOSET COMBINATION.

Exactly same as No. 102, except that the seat is attached to the wall instead of to the bowl.

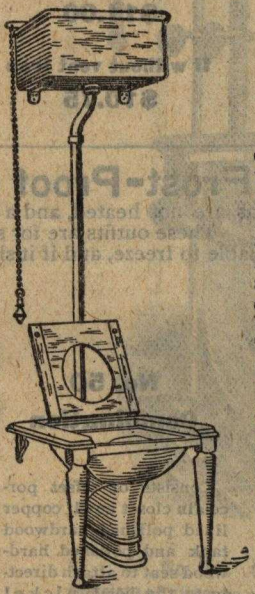
Price, as described.....$9.25

NO. 103. WATER CLOSET COMBINATION.

Consists of syphon washdown closet bowl (the bowl defective in some way but guaranteed as to action), with hardwood seat, top supply oak tank, with nickel plated flush pipe and rubber elbow connection, brackets, chain and pull, floor screws, etc. Seat is for attachment to the wall. For style of outfit see Cut No. 57, Page No. 77. Price.....$9.00

NO. 104. WATER CLOSET COMBINATION.

Exactly the same as No. 103 combination except the seat instead of attaching to the wall is attached directly to the bowl, bowl having seat lugs for this purpose. Price..... $9.25



NO. 105. WATER CLOSET COMBINATION.

Consists of square combined hopper and trap bowl, with a square seat for attachment to the wall, with a hardwood tank, nickel plated chain and pull, nickel plated flush pipe with rubber elbow connection. The tank is top supply and the bowl is without trap vent. We furnish this complete with brackets, floor screws, etc.

Price $10.00

If two turned wooden legs are not wanted for this seat deduct 50c net.

NO. 106. WATER CLOSET COMBINATION.

Exactly same as 105 combination, except the bowl has a trap vent. Price.....$10.25

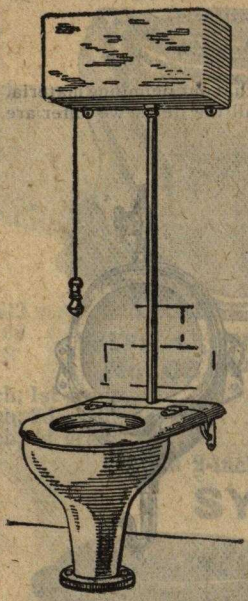
NO. 107. WATER CLOSET COMBINATION.

Consists of a first grade earthenware Philadelphia hopper with hardwood seat for attachment to the wall, and with a hopper cock to connect this closet direct with the city pressure, without tank. Price.....$4.50

For style of bowl see cut No. 83, page 67.

These bargain closets are for limited quantities on hand ----- and are subject to prior sale.

Bargain Water Closet Combinations.

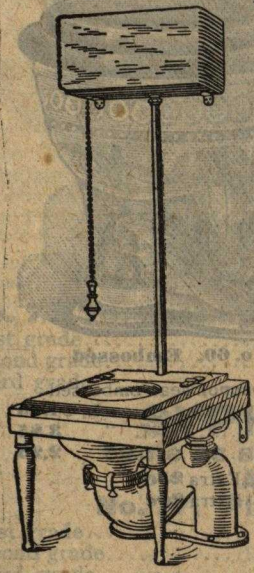


NO. 108. WATER CLOSET COMBINATION.

Consists of a first grade tall, round flush rim earthenware hopper, with a top supply, round cornered oak tank, and seat for attachment to the wall, with nickel plated flush pipe, rubber elbow connection, floor screws, etc. Price.....$7.75

NO. 109. WATER CLOSET COMBINATION.

Exactly the same as 108 combination, except that the bowl is a tall oval flush rim hopper. Price.$10.50

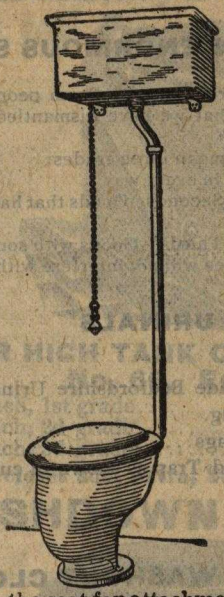


NO. 110. WATER CLOSET COMBINATION.

Consists of a short, round loose hopper and trap bowl (strictly first grade) with gasket and clamps for clamping the bowl and trap together, with a square seat attached to the wall, with neatly turned wooden legs, and with round cornered oak tank (top supply), nickel plated flush pipe and rubber elbow connection. Price...$9.50

NO. 111. WATER CLOSET COMBINATION.

Consists of a short, oval loose hopper and trap bowl (first grade), with gasket and clamps, same as above, the rest of the trimmings exactly as 110 combination. See Cut of No. 110 combination. Price.....$10.00



NO. 112. WATER CLOSET COMBINATION.

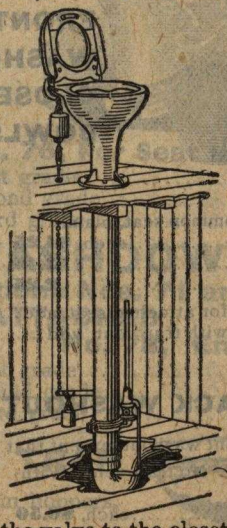
Consists of an offset closet bowl, strictly first grade, with lugs for attaching seat directly to the bowl, with an oak seat to attach to the bowl, and round cornered oak tank (top supply) with nickel plated flush pipe, rubber elbow connection, floor screws, etc. Price.....$10.00

NO. 113. WATER CLOSET COMBINATION.

Consists of a tall, round, flush rim hopper bowl (second grade, but guaranteed as to action), the seat for attachment to the wall, elbow connection, floor screws, etc., no tank or flush pipe. This can be connected direct to city water supply or to the supply from house tank. Price.....$3.50

NO. 114. WATER CLOSET COMBINATION.

Consists of a tall, oval, flush rim hopper bowl (second grade but guaranteed as to action), otherwise same as No. 113. Price.$4.00



NO. 115. FROST PROOF WATER CLOSET COMBINATION.

Consists of a vitreous earthen, flush rim hopper, with an oak self raising seat, frost proof valve, iron rod to open valve when seat is down, 5 ft. length of cast iron waste pipe, ½ "S" cast iron trap tapped for drain pipe from the valve. Price, complete as described....$11.00

The drain pipe from the trap to the valve is not included in the above price. Nor is the lead supply pipe from the valve to the closet bowl included in this. We will furnish complete all iron pipe threads at, extra,.....$1.50

For bottom supply tank and an iron supply pipe, for our bargain combinations, add Net.....$0.50
For nickel plated supply pipe add Net..... 1.00

PLUMBERS' SANITARY EARTHENWARE

AN ENORMOUS STOCK ON HAND

Brand new material, never was used. Some people have an erroneous idea that our plumbing material was taken out of buildings that we have dismantled. Such is not the case; all the items we offer are Brand New.

All the following goods come in three grades:

1st grade.—Goods perfect in every way.

2nd grade.—Earthenware Seconds. Goods that have some trifling defect, scarcely noticeable.

3rd grade.—Earthenware Thirds. Goods with some marked defect, but which we absolutely guarantee will not interfere with their usefulness.



URINALS

Brand New, Second Grade Bedfordshire Urinals. We can furnish these with or without fitting.

Price, Urinal only, no fittings.....$2.50

Price, with Urinal Cock and Trap as shown in cut..... 4.50

WASHOUT CLOSET BOWLS

PRICES ON CLOSET BOWLS DO NOT INCLUDE SEATS

SIZE NO. 3 FRONT WASHOUT CLOSET BOWLS



No. 59. Plain

No trap vent and for common seat, plain.

1st grade	each,	$4.25
2nd grade	"	3.45
3rd grade	"	2.25



No. 60. Embossed

No trap vent and for common seat, embossed.

1st grade	each,	$4.75
2nd grade	"	3.85
3rd grade	"	2.25

If closet bowl, for attached seat, add.....Extra 25c

If closet bowl, with trap vent, add.....Extra 20c

BACK WASHOUT CLOSET BOWLS

Much the same as the front washout, except that they wash out to the back instead of to the front.

No. 85. Plain bowls only. No trap vent. Without seat lugs.

1st grade	each,	$6.50
2nd grade	"	4.50
3rd grade	"	3.00

Bowls with seat lugs, add.....Extra 25c

No. 86. Plain bowls with trap vent to right or left hand side. Without seat lugs.

1st grade	each,	$7.00
2nd grade	"	5.00
3rd grade	"	3.25

Prices are for Bowls without Seats

Syphon Jet Closet Bowls

Syphon Jet Bowls for Seats Attached to Bowl





WITH 1½ INCH THREAD FOR HIGH TANK CLOSET

No. 65, Plain

Each, 1st grade	$10.00
Each, 2d grade	7.00
Each, 3d grade	4.25

No. 66, Embossed

Each, 1st grade	$10.50
Each, 2d grade	7.50
Each, 3d grade	4.50

If with 2-inch thread for low tank closet add, extra, 25 cents.

SYPHON WASHDOWN





No. 75, For Seat attached, plain

First grade	each, $4.50
Second grade	each, 3.55
Third grade	each, 2.00

No. 76, For Seat attached, emb.

First grade	each, $5.00
Second grade	each, 3.85
Third grade	each, 2.25

SYPHON JET WASHDOWN

Same as shown in combinations Nos. 71 and 72

ALL FOR SEAT ATTACHED

No. 77, Plain

First grade	each, $5.15
Second grade	each, 4.15
Third grade	each, 3.00

No. 78, Embossed

First grade	each, $5.65
Second grade	each, 4.45
Third grade	each, 3.25

No. 70, LOOSE HOPPER AND TRAP

We have on hand 300 brand new, short oval flush rim hoppers, with loose earthen trap.

First grade	each, $2.80
Second grade	each, 2.50

(Price includes spuds.)



Prices on These Bowls Do Not Include Seats

HOPPER CLOSET BOWLS.

Prices Do Not Include Woodwork.



No. 77.

Tall Round Earthen Hoppers
First Grade.....$2 65
Second " 2 15



No. 78.

Tall Oval Earthen Hoppers
First Grade..... $3 40
Second " 2 75



No. 79.

Offset Washout Earthen Closet Bowls. First Grade....$3 75
Second " 2 25



Hopper No. 81.

Trap No. 82.

No. 80. Short Round Earthen Hoppers.
First Grade, each..... $1 90
Second Grade, each $1 50

No. 81. Short Oval Earthen Hoppers.
First Grade..... ....each, $2 65
Second " ..... " 2 15

No, 82. Loose Earthen Traps.
First Grade, each, $1 65
Second " " 1 25

No. 83. Philadelphia Earthen Hopper.
First Grade, each, $2 25
Second " " 1 80



No. 83.



Cut showing Common Overflow for Metal Plug.



Cut showing Patent Overflow for Metal Plug.

Basin Bowls

Vitreous Porcelain Ware

All Brand New



Cut showing No Overflow for Metal Plug.



Cut showing Patent Overflow for Rubber Plug.

BASINS

				1st Grade	2d Grade
14 inch	No	Overflow,	Metal Plug.....each,	$0 50	$0 40
14 inch	Common	"	" ..... "	50	40
14 inch	Patent	"	" ..... "	65	50
14 inch	"	"	Rubber " ..... "	75	60
14 x 17	No	"	Metal " ..... "	95	75
14 x 17	Common	"	" ..... "	1 25	1 00
14 x 17	Patent	"	" ..... "	1 50	1 20
14 x 17	"	"	Rubber " ..... "	1 75	1 40
15 x 19	No	"	Metal " ..... "	1 25	1 00
15 x 19	Common	"	" ..... "	2 00	1 00
15 x 19	Patent	"	" ..... "	2 00	1 60
15 x 19	"	"	Rubber " ..... "	2 25	1 80
16 x 21	No	"	Metal " ..... "	1 90	1 50
16 x 22	"	"	" "D" shape..... "	3 50	2 80
16 x 21	Patent	"	" straight back..... "	3 50	2 80
15 x 19	"	"	" straight back.....	3 00	2 40

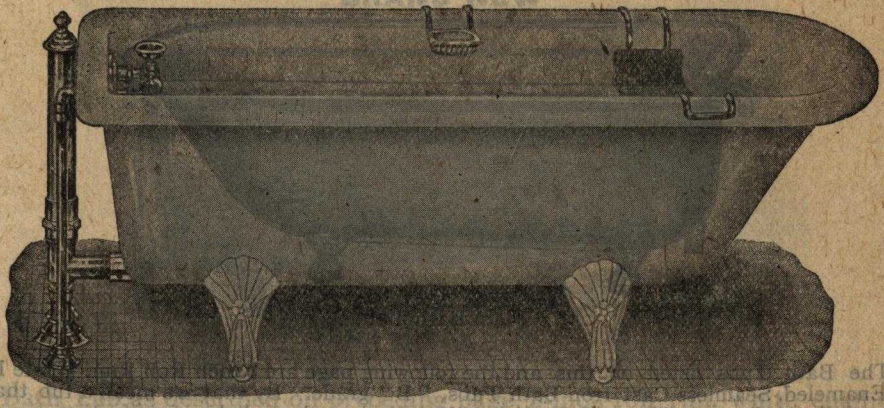


METAL PLUGS

New Metal Plugs, with Rubber Stoppers.....Each, 50c

We can furnish anything in the plumbing line you may need.

White Porcelain Enameled Bath Tubs.



We are offering you a strictly perfect cast iron, seamless, white porcelain enameled bath tub, guaranteed in every way. Our guarantee means that should the enameling in any way chip or become defective within one year after its purchase that we will furnish another tub to replace it, provided tub is returned to us by freight and the dated guaranteed label attached to tub to be returned with the tub. We do not mean to replace the fittings with this after they have been used. Our guarantee only includes replacing of the tub itself.

These tubs have 8-inch roll rim, fancy designed cast iron feet, are enameled on the inside and over the roll rim, and painted with one coat of iron filler on the outside.

We will finish these tubs on the outside with a zinc white finish, using 5 coats of paint, the first coat being rubbed off with sand paper and pumice stone, the finish being perfect and smooth, at an additional price of $7.50. Tubs when so finished have to be boxed; they cannot be shipped crated. Our price for the additional finish includes the boxing and delivery on board cars.

These tubs are furnished complete with the following fittings: Nickel plated Fuller double bath cocks, nickel plated standing Roman waste, nickel plated brass supply pipes, nickel plated floor flanges, etc., all the trimming being high grade. Does not include soap cup and bath seat.

In ordering, mention

STYLE NO. 41.

Price includes tub and trimmings.

Length, ft.	
4	$28.00
4½	28.00
5	30.00
5½	33.00
6	36.50

STYLE NO. 42.

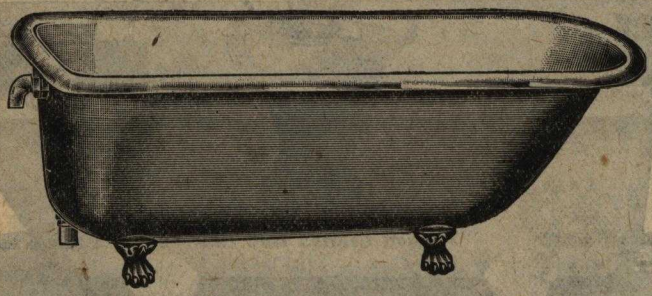
Just the same as above but without our guaranteed label, at the following prices.

Length, ft.	
4	$26.00
4½	26.00
5	28.00
5½	31.00
6	34.50

Our class "B" tubs on pages 86 & 87 are much cheaper in price, and they may answer your purpose as well.

Roll Rim Enameled Iron Bath Tubs

BRAND NEW



Plain Bath Tub.

The Bath Tubs listed on this and the following page are 3 inch Roll Rim, White Porcelain Enameled, Seamless Cast Iron Bath Tubs, "B" grade. By that we mean a tub that was as carefully made as a Class "A" tub, but through some very slight imperfection cannot be classed as a strictly perfect tub, but the tub will give you just as good satisfaction as a strictly perfect tub. The defects are very slight, consisting mainly of some chip off the enamel around the outer edge of the roll rim or a slight craze. We re-enamel these defects so they are not noticeable. These tubs will give you good service.

Price for Tubs without Any Fittings

Length 4½ feet ..... price, **$14.00**
Length 5 feet ..... price, **15.50**
Length 5½ feet ..... price, **17.00**
Length 6 feet ..... price, **18.50**



Illustration shows No. 33 Tub and Trimmings.

No. 32 Bath Tub

Consists of 3-inch Roll Rim Enameled Tub as above, with N. P. compression double bath cock, nickel plated overflow strainer, nickel plated chain, rubber stopper and brass waste plug.

Length 4½ feet ..... price, **$16.75**
Length 5 feet ..... price, **18.25**
Length 5½ feet ..... price, **19.75**
Length 6 feet ..... price, **21.25**

No. 33 Bath Tub

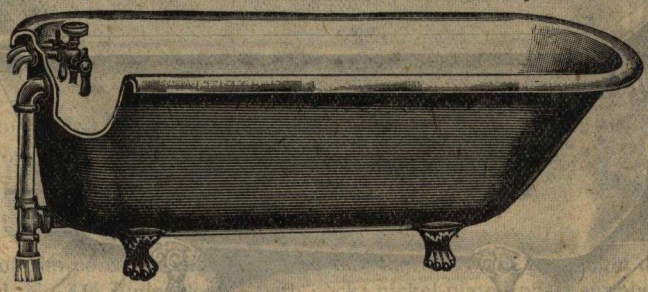
Consists of 3-inch Roll Rim Enameled Tub with trimmings as shown above, consisting of N. P. No. 4½ Fuller double bath cock, nickel plated overflow strainer, nickel plated chain, rubber stopper and brass waste plug.

Length 4½ feet ..... price, **$17.00**
Length 5 feet ..... price, **18.50**
Length 5½ feet ..... price, **20.00**
Length 6 feet ..... price, **21.50**

(Continued on Next Page)

ROLL RIM ENAMELED IRON BATH TUBS

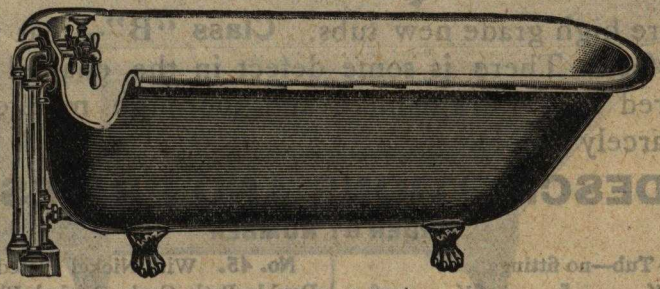
BRAND NEW



No. 34 Bath Tub.

Bath Tub as described on preceding page, 3-inch roll rim, white enameled, trimmed complete with nickel plated No. 4½ Fuller double bath cock, nickel plated connected waste and overflow, rubber stopper, nickel plated chain.

Length 4½ feet	price,	**$18.00**
Length 5 feet	price,	**19.50**
Length 5½ feet	price,	**21.00**
Length 6 feet	price,	**22.50**



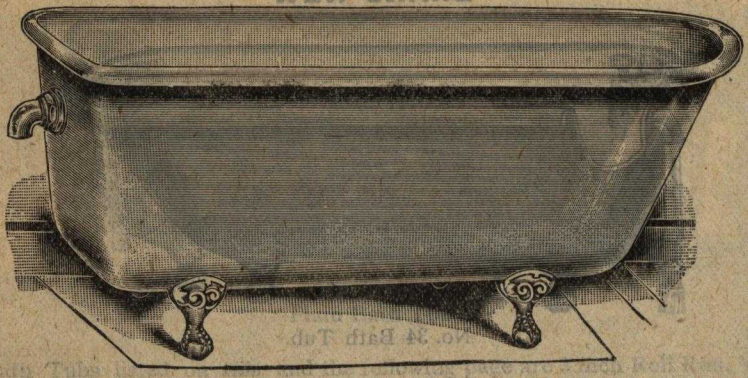
No. 35 Bath Tub.

Bath Tub as described on preceding page, 3-inch roll rim, white enameled, trimmed complete with nickel plated No. 4½ Fuller double bath cock, nickel plated connected waste and overflow, rubber stopper, nickel plated chain and two nickel plated brass supply pipes.

Length 4½ feet	price,	**$19.25**
Length 5 feet	price,	**20.75**
Length 5½ feet	price,	**22.25**
Length 6 feet	price,	**23.75**

White Porcelain Enameled Bath Tubs

Narrow Roll Rim



Brand New Cast Iron Tubs, White Porcelain Enameled on the inside and over the roll rim and painted on the outside. Especially suitable where little space is available.

DIMENSIONS

Width over rim, 24½ inches; height, 23 inches; width inside, 21½ inches; depth, 18½ inches.

QUALITY

They are high grade new tubs. Class "B"—that means, not strictly perfect. There is some defect in the enamel which we have repaired in a workmanlike and thorough manner, and the defect is scarcely visible.

DESCRIPTIONS AND PRICES

ORDER BY NUMBER

No. 43. Bare Tub—no fittings.

Length, feet—4½	5	5½	6
Price, each, $14.00	$14.50	$17.00	$20.00

No. 44. With N. P. Compression, Double Bath Cock, Nickel Plated Overflow Strainer, Nickel Plated Chain, Rubber Stopper and Brass Waste Plug.

Length, feet—4½	5	5½	6
Price, each, $17.50	$18.00	$20.50	$23.50

No. 45. With N. P. No. 4½ Fuller Double Bath Cock, Nickel Plated Overflow Strainer, Nickel Plated Chain, Rubber Stopper and Brass Waste Plug.

Length, feet—4½	5	5½	6
Price, each, $18.00	$18.50	$21.00	$24.00

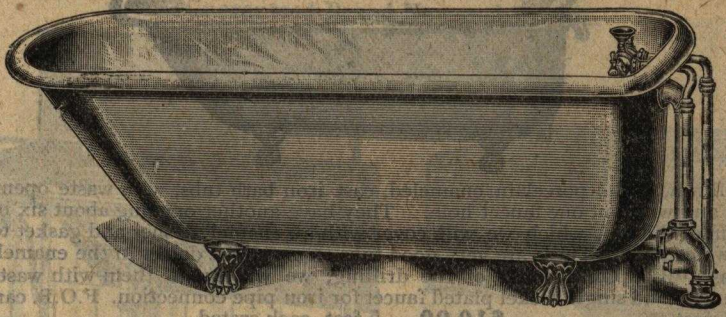
No. 45. With Nickel Plated No. 4½ Fuller Double Bath Cock, Nickel Plated Connected Waste and Overflow, Rubber Stopper, Nickel Plated Chain.

Length, feet—4½	5	5½	6
Price, each, $18.50	$19.00	$21.50	$24.50

No. 46. With Nickel Plated No. 4½ Fuller Double Bath Cock, Nickel Plated Connected Waste and Overflow, Rubber Stopper, Nickel Plated Chain and Two Nickel Plated Brass Supply Pipes.

Length, feet—4½	5	5½	6
Price, each, $19.50	$20.00	$22.50	$25.50

ROLL RIM ENAMELED IRON BATH TUB



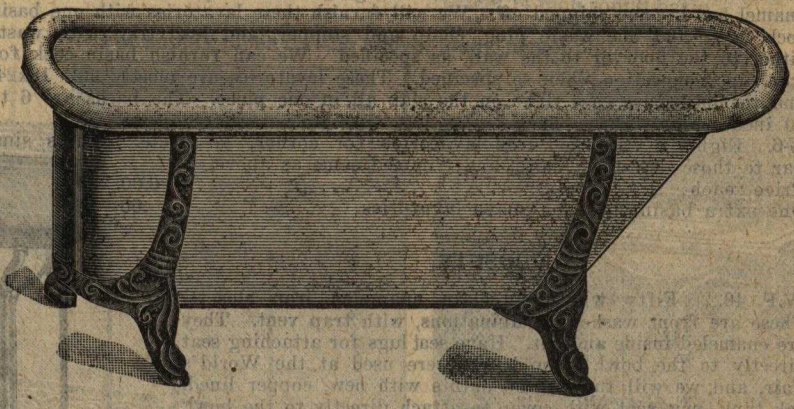
STYLE NO. 35½

Three inch roll rim porcelain enameled iron tub, Class B (with very slight defects), trimmed with nickel-plated No. 4½ Fuller double bath cock; nickel-plated offset supply pipes, and combined nickel-plated, connected waste and over-flow and bath trap; nickel-plated chain and rubber stopper. The trap on the connected waste and overflow is of heavy cast brass, with a clean out plug, and the whole is heavily nickel-plated.

4 foot tub	$22.00	5½ foot tub	$25.50
4½ foot tub	22.00	6 foot tub	$28.50
5 foot tub	23.00		

1¼ iron pipe thread tail piece on outlet of trap, extra, $0.50.

STEEL BATH TUBS.



STRICTLY NEW AND GUARANTEED PERFECT

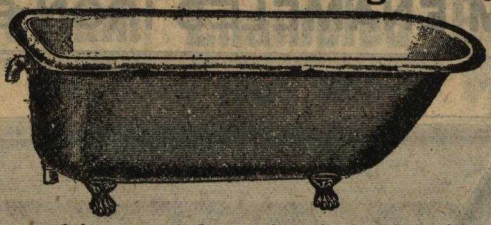
We offer you these tubs at extremely low prices. They are made of steel, are strong and durable Just the tub to make comfortable the home of those in moderate circumstances. This all steel bath tub is made of No. 20 galvanized sheet steel, coated inside with insoluble white enamel, the joints are supported by iron mountings which terminate in four ornamental feet, the top is capped with polished oak rim, 3 inches wide, 1½ inches thick, the whole outside polished in a neat tint, relieved with gold bronze. It is furnished with nickel-plated connected waste and over-flow. Note our prices.

Size 4½ feet	price each, $6.30	Size 5½ feet	price each, $7.25
Size 5 feet	" " 6.65	Size 6 feet	" " 8.25

If bath cock is wanted add extra $2.00 each.

SEND US YOUR LUMBER BILL FOR OUR ESTIMATE.

Special Bath Tubs with Single Faucets.



25 roll rim, white porcelain enameled, cast iron bath tubs, with waste opening but no overflow, and with but one faucet hole. They have another opening about six inches from the bottom of the tub, which we will cover with an enamel flasher and gasket to make absolutely water tight. These are very good tubs, some slight defect in the enamel rendering them Class "B." On account of the drilling, we will quote them with waste plug and rubber stopper and single nickel plated faucet for iron pipe connection. F.O.B. cars Chicago.
Price, 4½ feet.....**$10.00** 5 feet, each crated.....**$11.00**

Miscellaneous Lavatories.

No. L-3. Three hexagon or six-sided marble lavatories, designed to stand in the center of the room, made up complete with gilt iron stands with floor flanges, with nickel-plated supply pipes to the floor, nickel-plated trap to the floor, nickel-plated Fuller basin cocks, chain and stopper, 14-inch patent overflow metal plug basin, basin clamps, etc.
Price of the lavatory, each..... 15.00

No. L-4. One hexagon or six-sided marble lavatory, designed to stand in the center of the room, made up complete with gilt iron stand with floor flange, with nickel-plated supply pipes to the floor, nickel-plated trap to the floor, with barbers' shampoo faucet. This shampoo faucet will have an inlet for the hot and cold water to enter into the basin through one opening, and have a gooseneck on top to which will be attached a shampoo spray.
Price complete, including the shampoo spray..... 20.00

No. L-5. Fifty enameled iron lavatories suitable for shop or factory use. These lavatories have perfect castings, but through some mishap considerable of the enamel has become chipped off. We will furnish these lavatories with one basin cock, new, and one waste plug, chain and stopper, and lead trap with waste either to the floor or to the wall, as specified. We can furnish basin cock for iron pipe connection when so specified. These lavatories are mostly size 18x24, and the backs are cast right on the slab all in one piece. The backs are 6 to 10 inches high. Price each..... 6.00

No. L-6. Eighteen enameled iron lavatories for corner, ¼ circle, defects similar to those described above, and trimmed same as above.
Price each..... 6.00
One extra basin cock for above lavatories..... .60



CLOSETS.

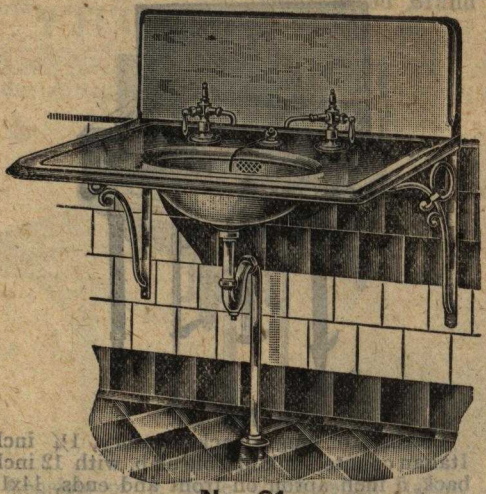
No. W.F. 46. Fifty white porcelain enameled iron closets. These are front washout combinations, with trap vent. They are enameled inside and out. Have seat lugs for attaching seat directly to the bowl. The bowls were used at the World's Fair, and we will furnish the outfits with new, copper lined, oak tank, new seat with cover to attach directly to the bowl, new flush and supply pipes, nickel-plated, elbow flush connection, floor screws, chain and pull, complete outfit ready to set up.
Price each..... 12.50

No. W.F. 42. Six white porcelain enameled syphon jet closet combinations. These consist of iron syphon jet closet bowl, white porcelain enameled inside and out, and comes in one piece with seat lugs. These bowls were used at the St. Louis Exposition. We furnish them complete with round cornered, copper lined, oak tank, seat and cover to attach directly to the bowl, nickel-plated flush pipe, nickel plated supply pipe, slip joint connection, floor screws, chain and pull, etc., complete outfit.
Price each..... 17.50

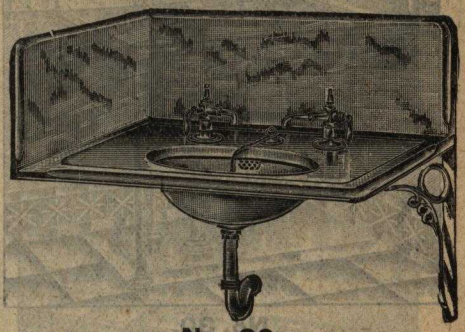
WE HAVE TOILETS OF ALL MAKES.

POLISHED MARBLE LAVATORIES.

Guaranteed Brand New and Perfect.



No. 21.



No. 22.

We will furnish this lavatory with "S" trap to floor instead of "P" trap to wall at same price.

Brand new Champion pink Tennessee or Italian marble lavatory, guaranteed perfect in every way. Complete with nickel-plated compression basin cocks, one pair nickel-plated brackets and nickel-plated "S" trap from basin to floor, including floor flange plate. Exactly as shown in cuts, or with "P" trap from basin to wall.

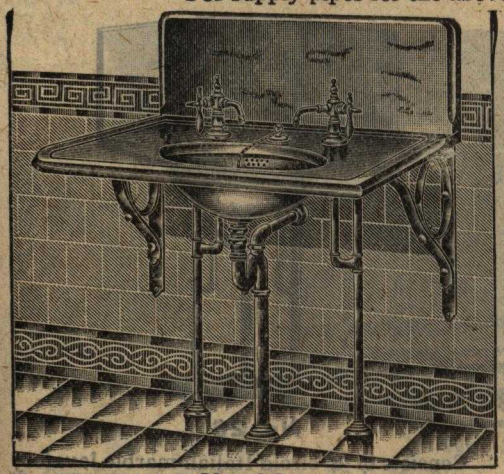
No. 21, straight back.

Price, 14 inch round basin ..... $ 9.00
" 14x17 inch oval " 10.00

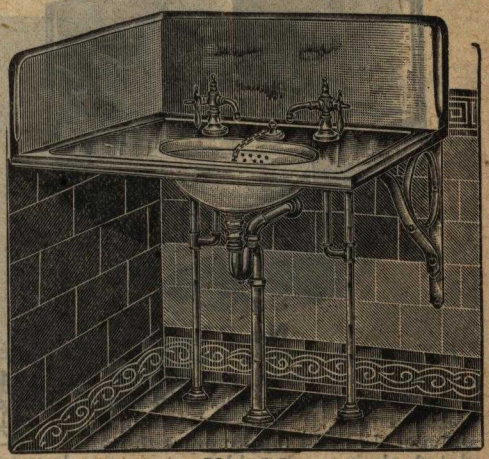
No. 22, with one bracket and back and end piece for right or left hand corner, and trap to wall. (Illustration shows left hand corner.)

Price, 14 inch round basin ..... $ 9.00
" 14x17 inch oval basin 10.00

For supply pipes for the above, plain, nickel-plated, add $1.25.



No. 28.



No. 29.

Consists of 1¼ inch Italian countersunk marble slab with back, patent overflow basin with metal plug and rubber stopper, nickel-plated chain stay, chain and snap, two Fuller nickel-plated basin cocks, two nickel-plated brass brackets, three basin clamps, 1¼ inch brass nickel-plated "S" trap (waste to floor and vent to wall), two nickel-plated supply pipes with air chambers (to floor), wall and floor flanges.

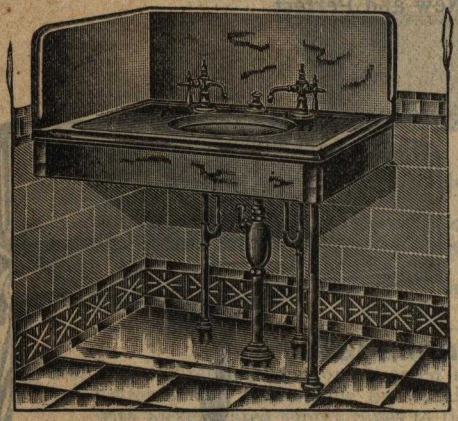
Price, No. 28, complete as described $11.50
" No. 28½, same as above, Tennessee marble 11.00
Above with 14x17 inch basin, add 1.00

No. 29, with one bracket and back and end piece, for right or left hand corner. (Illustration shows left-hand corner.)

Price, No. 29, Italian marble $11.50
" No. 29½, Tennessee marble 11.00
Above with 14x17 inch basin, add 1.00

POLISHED MARBLE LAVATORIES.

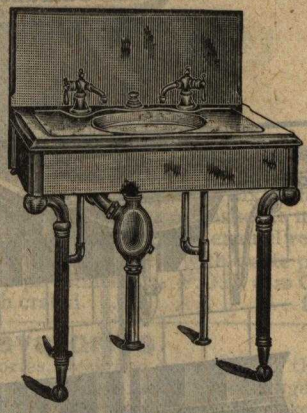
Guaranteed Brand New and Perfect.



No. 30.

Consists of 1¼ inch Italian countersunk marble slab, with 12 inch back and left hand end, 5 inch apron on front and right hand end, 14x17 inch oval basin, nickel-plated patent basin waste, two Fuller nickel-plated basin cocks, one nickel-plated brass apron leg, two nickel-plated apron supports, three basin clamps, 1¼ inch nickel-plated brass trap with vent to wall and waste to floor, two nickel-plated supply pipes with air chambers (to floor), floor and wall flanges.

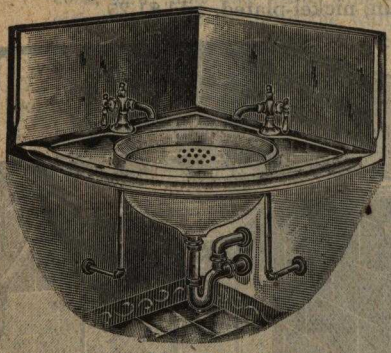
Price, No. 30, Italian marble.....$20.00
" No. 30½, Tennessee marble..... 19.00



No. 31.

Consists of single back lavatory, 1¼ inch Italian countersunk marble slab, with 12 inch back, 5 inch apron on front and ends, 14x17 inch oval basin, nickel-plated patent basin waste, two Fuller nickel-plated basin cocks, two nickel-plated brass apron legs, two nickel-plated apron supports, three basin clamps, 1¼ inch nickel-plated brass trap with vent to wall and waste to floor, two nickel-plated supply pipes with air chambers (to floor), floor and wall flanges.

Price, No. 31., Italian marble.....$21.00
" No. 31½, Tennessee marble..... 20.00

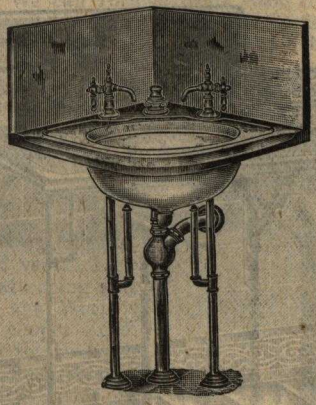


No. 24.

Consists of ¼-circle Italian marble lavatory with two backs, Fuller basin cocks, 14 inch patent overflow porcelain basin, nickel-plated vented "P" trap, waste and vent to wall and nickel-plated supply pipes to wall, nickel-plated chain and rubber stopper, clamps, flanges, etc., complete.

Price, No. 24, Italian marble, 14 inch basin.....$10.00
Price, No. 25, Italian marble, 14x17 basin 11.00
Price, No. 24½, Tennessee marble, 14 inch basin..... 9.50
Price, No. 25½, Tennessee marble, 14x17 inch basin..... 10.50

Trap and supplies to floor, no extra charge. Trap without vent, same price.



No. 26.

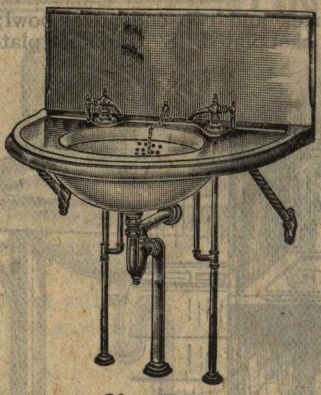
Consists of ¼-circle Italian marble lavatory with two backs, Fuller basin cocks and 14x17 inch porcelain basin, nickel-plated Roman lifting waste, nickel-plated flask trap, waste to floor and vent to wall, nickel-plated air chamber supply pipes, clamps, flanges, etc., complete.

Price, No. 26, Italian marble.....$16.00
" No. 26½, Tennessee marble..... 15.00

Trap waste and supply pipes to the wall when so specified, no extra charge.

POLISHED MARBLE LAVATORIES.

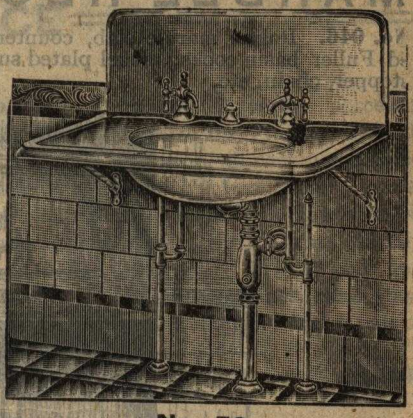
Guaranteed Brand New and Perfect.



No. 58.

Consists of ½-circle countersunk Italian marble lavatory, with single back, 14x17 inch patent overflow oval basin, nickel-plated Fuller basin cocks, nickel-plated vented "S" trap, waste to floor and vent to wall, nickel-plated air chamber, supply pipes to floor, nickel-plated brass rope pattern brackets, nickel-plated chain stay, chain, stopper and flanges.

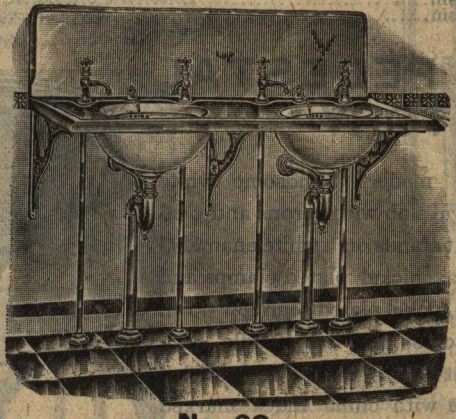
Price, No. 58, complete as described....$13.00
" No. 58½, Tennessee marble 12.50
Above with 14 inch round basin, deduct, 1.00



No. 59.

Consists of countersunk Italian marble lavatory with single back, oval basin and nickel-plated Roman lifting waste, nickel-plated Fuller basin cocks and air chamber, supply pipes to floor, nickel-plated vented flask trap, waste to floor, vent to wall, nickel-plated rope pattern brass brackets, flanges and clamps.

Price, No. 59, complete as described....$16.00
" No. 59½, Tennessee marble 15.50



No. 23.

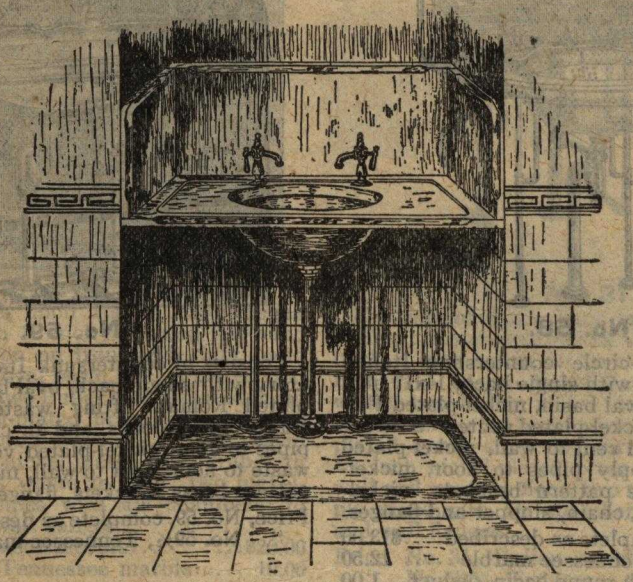
Consists of marble slab and back, fitted with two patent overflow basins, nickel-plated compression basin cocks, nickel-plated vented "S" traps, nickel-plated brackets and nickel-plated straight brass supply pipes, clamps, chain stays, chains, stoppers and flanges.

Price, two 14 inch bowls, Italian marble.....$25.00
" " 14x17 inch bowls, Italian marble..... 28.00
" " 14 inch bowls, Tennessee marble..... 24.00
" " 14x17 inch bowls, Tennessee marble..... 27.00
For each additional 14 inch bowl, add..... 11.00
" " " 14x17 inch bowl, add..... 13.00

LAVATORIES

MARBLE RECESS LAVATORY

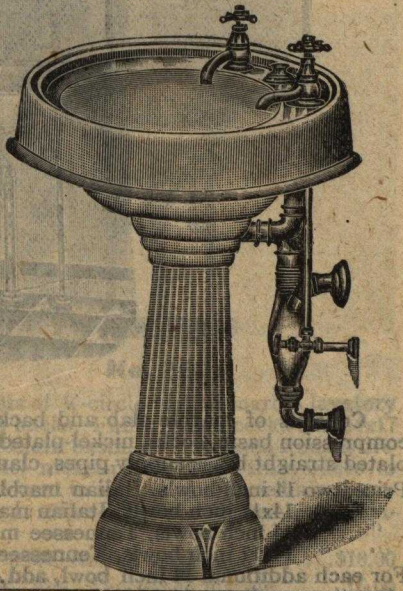
No. 046. Italian marble slab, countersunk, with back and two ends; oval bowl; nickel plated Fuller basin cocks; nickel plated supply pipes; nickel plated "S" trap floor plates, rubber stopper, chain, etc.



Price, with 14-inch Round Basin $11.00
Price, with 14x17 Oval Basin 12.00
Price, with 15x19 Oval Basin 12.50

ENAMELED PEDESTAL LAVATORY

No. 047. Consists of modern handsome white enameled iron Lavatory, oval slab with aprons and oval basin cast in one piece. It stands on a white enameled cast iron pedestal, and has nickel plated clamps and floor bolts. Trimmed with nickel plated semi low down compression basin cocks, cross and ball handle with china index marked "Hot" and "Cold," with nickel plated roman lifting waste with china index marked "Waste," with air chamber supply pipes to the wall with a wheel-handled stop valve on each, with nickel plated flask trap, vented, with vent and waste to wall wall flanges, etc.

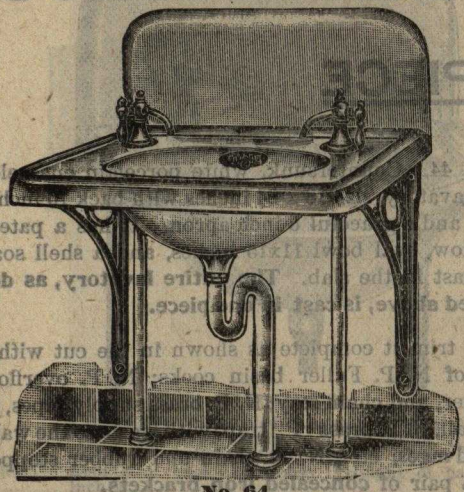


High Grade Outfit, price **$28.00**

WE CAN FURNISH ALL THE MATERIAL NEEDED FOR PLUMBING YOUR HOUSE COMPLETELY

CAST IRON ROLL RIM ENAMELED LAVATORIES

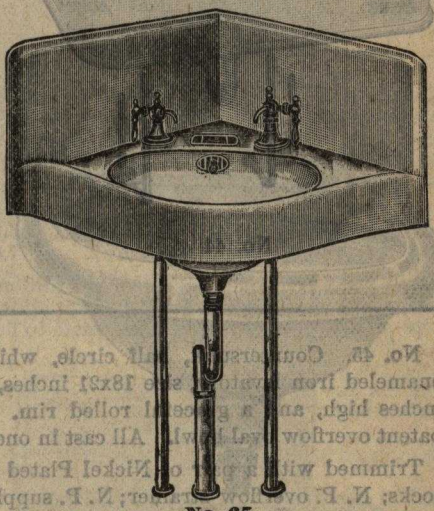
ONE PIECE



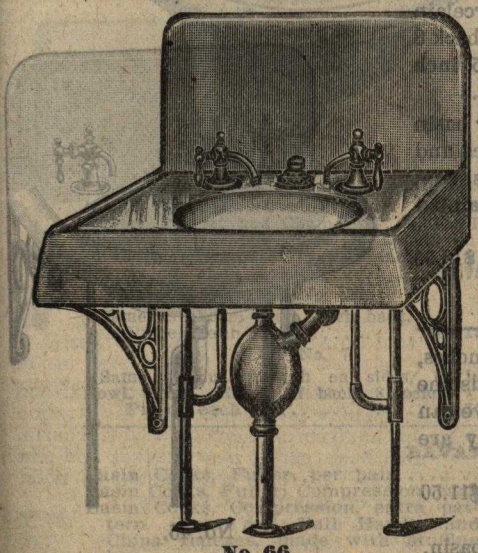
No. 64.

No. 64. Countersunk white porcelain enameled Lavatory, size 18x24 inches, with 10-inch back and 11x15 basin, all cast in one piece and heavily enameled. It has a heavy, graceful roll rim, and is furnished complete with N. P. Fuller basin cocks, N. P. brass supply pipes with floor flanges; N. P. "S" trap and floor flange, with overflow strainer, chain stay, N. P. chain and rubber stopper, and a pair of graceful brackets.
Price, complete, as described.....**$12.00**

No. 65. Countersunk white porcelain enameled iron Lavatory, for corner. The slab, back, basin and apron are all cast in the one piece and heavily enameled. The basin is 11x15 inches and the apron 5 inches deep, the Lavatory is furnished with N. P. Fuller basin cocks, N. P. brass supply pipes, N. P. "S" trap, floor flanges, N. P. overflow strainer, chain stay, chain and rubber stopper.
Price, complete, as described.....**$13.00**



No. 65.



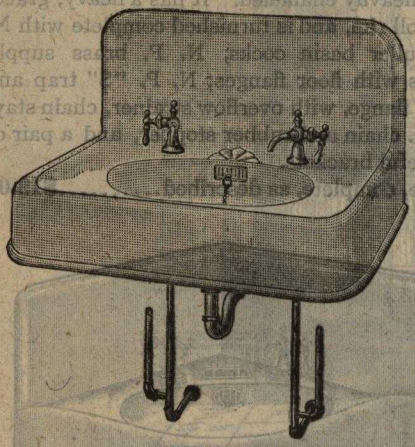
No. 66.

No. 66. Countersunk white porcelain enameled iron Lavatory, size 20x24 with 10-inch back; 11x15 basin, and 5-inch aprons, all cast in one piece and heavily enameled. Lavatory is made for "Roman" lifting waste, and this waste is furnished, together with N. P. Fuller basin cocks, N. P. brass supply pipes, and N. P. "S" trap with floor flanges; brackets and screws. No chain or stopper is required for the lifting waste.
Price, Lavatory complete, as described, **$17.50**

We offer millions of dollars' worth of building material from the St. Louis Exposition

Cast Iron Roll Rim Enameled Lavatories.

ONE PIECE



No. 44.

No. 44. Countersunk, white porcelain enameled iron lavatory, size 18 x 24 inches with back 10 inches high; and a graceful 5-inch apron. It has a patent overflow, oval bowl 11x15 inches, and a shell soap cup cast in the slab. **The entire lavatory, as described above, is cast in one piece.**

We trim it complete as shown in the cut with a pair of N. P. Fuller basin cocks; N. P. overflow strainer, and chain stay; N. P. brass supply pipes, to the wall; N. P. brass "P" trap, with waste to the wall; wall flanges, etc.; N. P. chain and rubber stopper and a pair of **concealed iron brackets.**

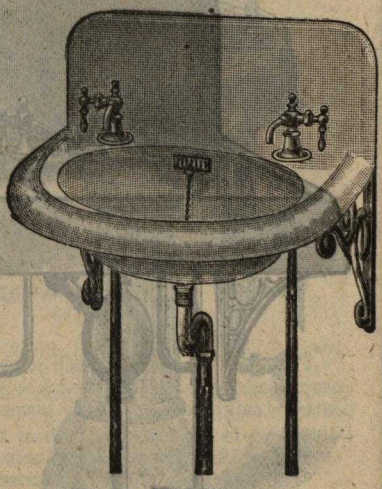
Price, complete as described, enameled inside and bronzed outside..... $12.50

Exposed brackets; "S" trap with waste to floor; or supply pipes to floor, same price.

No. 45. Countersunk, half circle, white porcelain enameled iron lavatory, size 18x21 inches, with back 8 inches high, and a graceful rolled rim. 11x15 inch patent overflow oval bowl. All cast in one piece.

Trimmed with a pair of Nickel Plated Fuller basin cocks; N. P. overflow strainer; N. P. supply pipes and N. P. "S" trap with waste to floor; floor flanges, etc.; N. P. Chain and rubber stopper and a pair of painted iron brackets.

Price complete, enameled inside, bronzed outside. $10.00



No. 45.

No. 46. Similar to No. 45 only it is 18x24 inches, with a back 10 inches high, and it has a very handsome heavy roll rim. Trimmed same as No. 45 only we can furnish concealed brackets for this when they are specified.

Price complete, enameled inside, bronzed outside. $11.50

No. 46 has a "D" shaped or oval straight back basin.

WHITE ENAMELED LAVATORIES.

Solid, One-Piece, Seamless, Iron Lavatories, White Porcelain Enameled. Each one complete with brackets and nickel plated overflow. No other fittings. Our charge for fittings extra is noted below. These lavatories are absolutely new, and with the enamel intact.



LOT No. 76.

One-Piece, Enameled Lavatory, with Nickel Plated Overflow, Strainer, Waste Plug, Rubber Stopper and Chain Stay; 12-inch Round Bowl. Length of back, 15 inches. Height of back, 6 inches.

Price, each $2.75



LOT No. 77.

Corner, One-Piece, Enameled Lavatory, with Nickel Plated Overflow, Strainer, Waste Plug, Rubber Stopper and Chain Stay, Nickel Plated Soap Cup, Oval Bowl, 11x15. Length on side, 16 inches. Height of back, 6 inches.

Price, each $3.75

LOT No. 78.

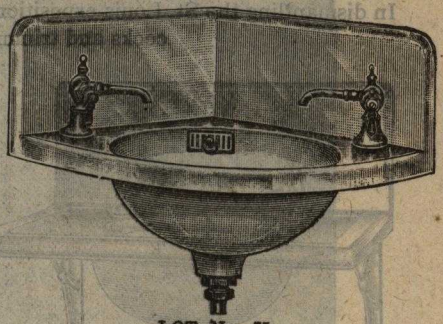
Same as above, with 8-inch back.

Price, each $4.15

LOT No. 79.

Same as cut. Length on sides, 19 inches. Bowl, 11x15. Height of back, 8 inches.

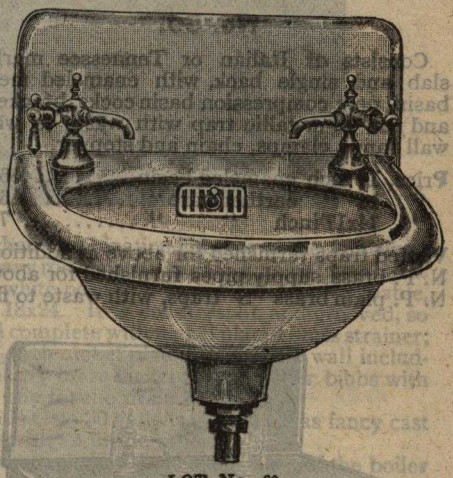
Price, each $4.50



LOT No. 75.

Corner, One-Piece, Enameled Lavatory, with Nickel Plated Overflow, Strainer, Waste Plug, Rubber Stopper and Chain Stay; 12-inch Round Bowl. Length on sides 15 inches. Height of back, 6 inches.

Price, each $2.75



LOT No. 80.

One-Piece, Enameled Lavatory, with Nickel Plated Overflow, Strainer, Waste Plug Rubber Stopper and Chain Stay; Oval Bowl 11x15. Length of back, 19 inches. Height of back, 6 inches.

Price, each $3.75

LOT No. 81.

Same as above, with 8-inch back.

Price, each $4.15

LOT No. 82.

Same as cut. Size of slab, 18x24; 10-inch back.

Price, each $5.75

LAVATORY TRIMMINGS.

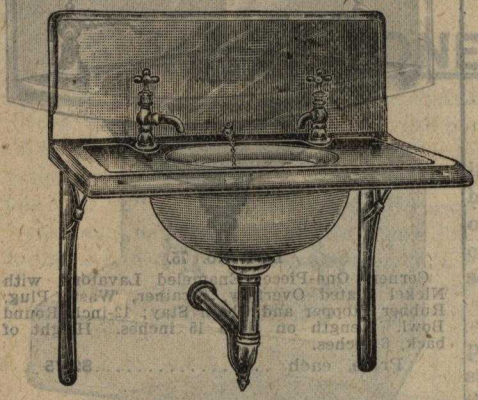
Basin Cocks, Fuller, per pair	$1.70
Basin Cocks, Fuller, Compression, each	.55
Basin Cocks, Compression, extra pattern, Cross and Ball Handle and China Indexes, made with stuffing box, per pair	2.50
1¼ N. P. plain "S" traps, each	1.75
1¼ N. P. plain "P" traps, each	1.65
1¼ N. P. vented "S" traps, each	2.00
1¼ N. P. vented "P" traps, each	1.90
Supply pipes—straight N. P., per pair	1.25
Supply pipes—air chamber, N. P., per pair	1.75
Supply pipes—to wall, no a|c N. P., per pair	1.50
Supply pipes—to wall, air chamber, per pair	2.00

Notice Our Complete Bathroom Outfit at $37.50

MARBLE LAVATORIES.

From the World's Fair, St. Louis—All Trimmings New.

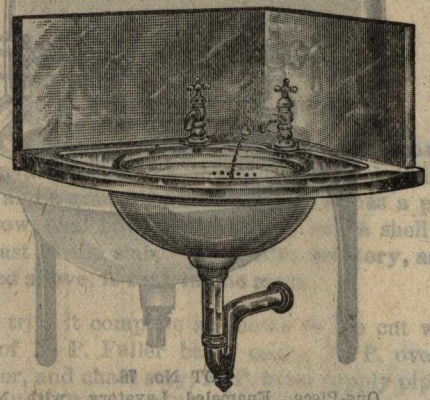
In dismantling the St. Louis exposition we secured several hundred lavatories. The basin cocks and trimmings have never been used.



No. 50.

Consists of Italian or Tennessee marble slab and single back, with enameled metal basin, new compression basin cocks, brackets, and new bi-metallic trap with waste to wall, wall flange, clamps, chain and stopper.

Price, 14 inch enameled basin.....$6.50
" 14 " earthenware " 6.25
" 14x17 inch " " 7.00

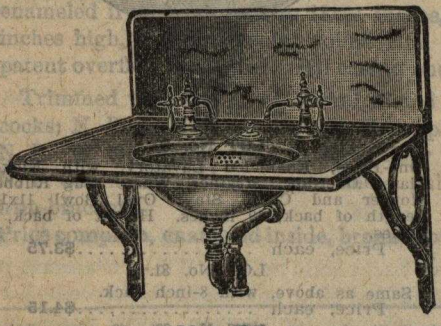


No. 52.

Consists of ¼-circle Italian or Tennessee marble slab, with two backs, new compression basin cocks, enameled metal basin, and new bi-metallic trap with waste to wall, wall flange, clamps, chain and stopper.

Price, 14 inch enameled basin.....$7.00
" 14 " earthenware " 6.75
" 14x17 inch " " 7.50

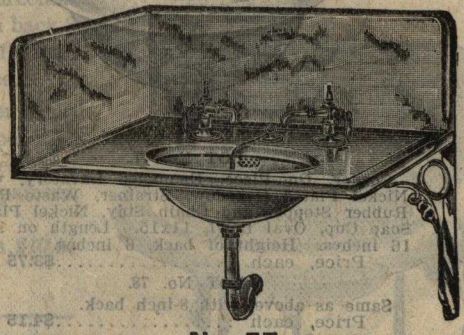
Vented traps furnished for above at additional price of..... .50
N. P. brass supply pipes furnished for above at additional price of..... 1.25
N. P. plain brass "S" traps, with waste to floor, instead of as above, extra..... .75



No. 55.

Consists of marble slab with single back, new N. P. Fuller basin cocks, enameled metal bowl, new N. P. brackets, new N. P. brass supply pipes and vented "S" trap, chain, stopper, flanges, etc.

Price, 14 inch enameled basin.....$ 9.50
" 14 " earthenware basin..... 9.25
" 14x17-inch " " 10.00



No. 57.

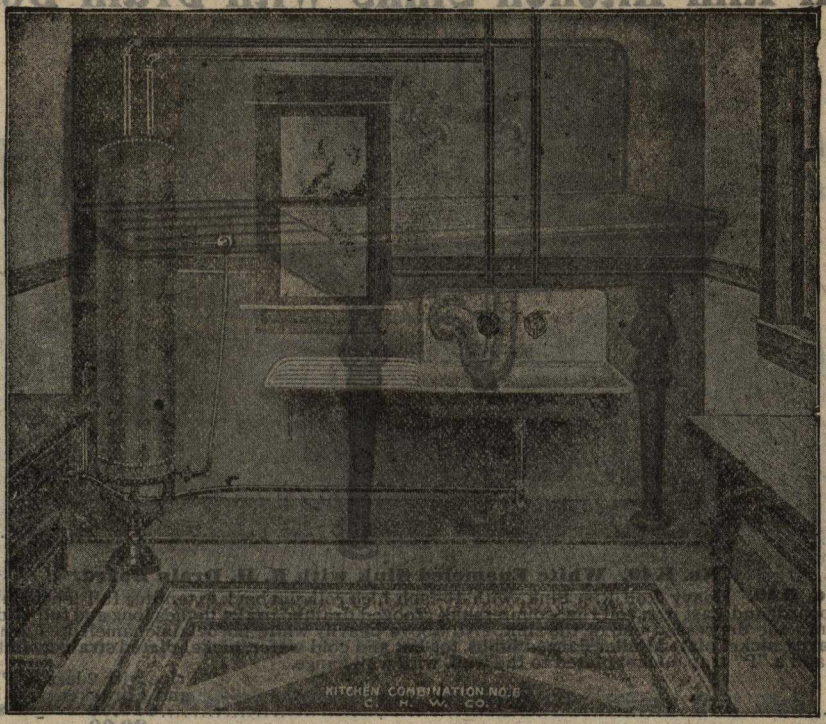
Consists of marble slab with back and end piece, for right or left hand corner (illustration shows left hand corner), enameled metal basin, new Fuller basin cocks, new bracket and new N. P. brass "S" trap with waste to floor, chain, stopper, clamps and flanges.

Price, 14 inch enameled basin.....$7.25
" 14 " earthenware basin..... 7.00
" 14x17 inch " " 7.75
N. P. plain brass supply pipes, extra, 1.25

The Marble Slabs on the Above are all in Good Serviceable Condition.

KITCHEN COMBINATION No. 6.

PRICE, $30.00



This handsome sanitary and modern complete Kitchen Combination consists of the following: **Kitchen Sink,** cast iron, white porcelain enameled, heavy roll rim with 15 inch high roll rim back. The size of sink is 18x30. The drain board is cast iron, white porcelain enameled and reverseable, and can be placed at either side; size of drain board 18x24. It is countersunk and grooved, so that the water will drain back to the sink. It is furnished complete with nickel plated brass strainer; sink bolts and collar for attaching trap to the sink. 1½ inch nickel plated trap to the wall including wall plate. The sink is complete with one pair of heavy brass nickel plated Fuller bibbs with flanges, and fitted with two fancy brackets for sink and one for the drain board.

The Range Boiler is galvanized iron, 200 pounds test; 30 gallons in size. Has fancy cast iron stand with brass coupling for lead or iron pipe and with an inside tube.

A Standard Gas Range Boiler Heater for attachment below the base of the boiler for connection to gas fixture with either hose or iron pipe as shown in the illustration. The burner is complete with gas cock and air mixing chamber, so that it makes perfect combustion; a hot blue flame. This heating apparatus is for use when it is not convenient to build a fire in the range.

We furnish also an attachment from the range boiler to the range proper. We furnish for this a set of our lead pipe connections, 24 inches long to be used between the range and the boiler.

A Water Front for your kitchen range. This consists of a cast iron attachment to fit in the front of the firebox of the kitchen range. It is made with two openings at one end; one above the other. Price, outfit complete as described $30.00

Quality. This material is all new and perfect. With this sanitary enameled iron outfit you can keep your kitchen as clean as your parlor. Both the drain board and the sink being enameled iron and absolutely non-absorbent, they can always be kept spotlessly white with little effort. Every first class housewife will appreciate this advantage. The sink being arranged with brackets and waste connection to the wall leaves the floor open, and makes a very nice and simple arrangement for any kitchen. This outfit being open gives you an opportunity to keep your kitchen clean and sanitary at all times. Everything unnecessary out of the way.

The waste pipe shown in this illustration leads from the sink to the range boiler and is not included in this price. If you wish us to make you a price on the pipe, send us an exact sketch of your kitchen, giving the location of the range, preferred location for the sink, etc., with measurements.

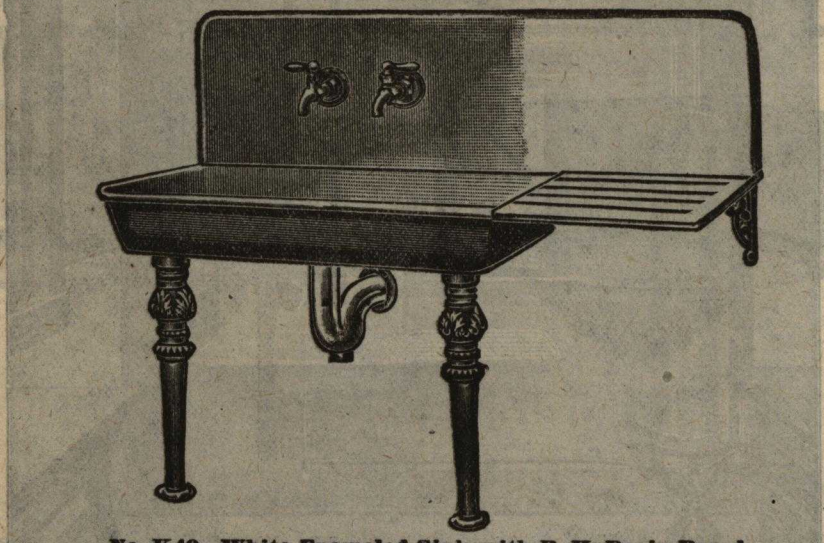
NOTE. We can furnish this sink, size 18x24 instead of 18x30 at a reduction in price of $1.50

We will furnish a 35 gallon range boiler at an additional price of $1.25, or a 40 gallon at $2.50

For those who wish to install their own plumbing, we can furnish the trap with this sink with iron pipe thread, so that the connection can be made with ordinary iron pipe threaded and screwed together. Extra for Iron Pipe Thread on trap. $0.75

If Water Front is not wanted deduct $5.00.

Roll Rim Kitchen Sinks with Drain Boards



No. K49. White Enameled Sink with R. H. Drain Board.

No. K49. Heavy Roll Rim Sink, with 15-inch high roll rim back extending full length of sink and drain board, and cast iron roll rim, countersunk grooved drainboard 24 inches long and full width of sink, fitted into the depressed end of the sink. All above heavily white porcelain enameled. Furnished with two heavily nickel plated Fuller flanged bibbs, for hot and cold water, nickel plated strainer, sink bolts and collar, and a "P" trap, nickel plated to the wall, with wall flange.

Sizes.	Price with 2 legs and 1 bracket.	Price with 3 brackets.
18x30	**$19.00**	**$18.00**
20x30	**20.00**	**19.00**
20x36	**21.50**	**20.50**
20x40	**23.50**	**22.50**

No. K50. Same as above, with drain board on left hand end. Same prices.



No. K39. White Enameled Sink.

WHITE ENAMELED CAST IRON SINK AND DETACHABLE DRAIN BOARD

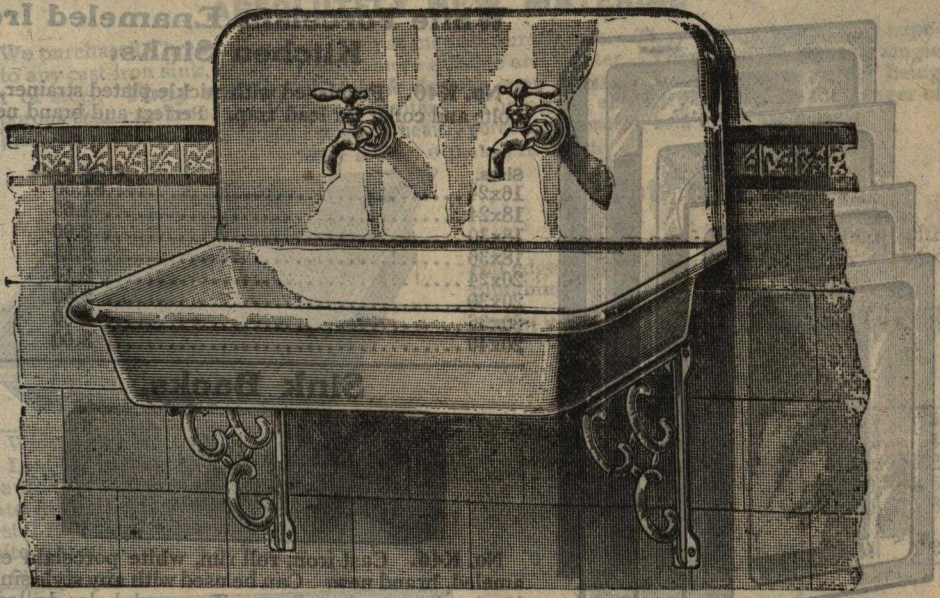
Drain Board is Reversible and can be used on Either End

No. K39. Heavy roll rim Sink, Drain Board and Back. The outfit includes a white porcelain enameled cast iron sink with 15-inch roll rim enameled iron back and reversible cast iron enameled grooved drain board. Two heavily nickel plated Fuller flanged bibbs, for hot and cold water, nickel plated strainer sink bolts and collar for attaching the trap, and nickel plated "C" trap, with wall flange, two ornamental cast iron brackets for the sink, and one for the drain board. The drain board is 24 inches long, and is made with lugs to bolt securely to the bracket.

Sizes.	Price.	Sizes.	Price.
18x30	**$15.00**	20x36	**$17.00**
18x36	**16.00**	20x40	**18.00**
20x30	**16.00**		

Above Sinks with two ornamental bronzed legs for the sink and one bracket for the drain board Net extra **$1.00**

ROLL RIM KITCHEN SINK



No. 37 Brand New White Enameled Roll Rim Kitchen Sink with 15-inch back, heavy cast iron pipes and couplings, nickel-plated fuller bibbs, nickel-plated brass strainer and improved iron brackets.

CAST IRON, WHITE PORCELAIN ENAMELED. Heavy Roll Rim

18x24	$8 50
18x30	10 00
20x30	11 00
20x36	13 50
20x40	15 00

WROUGHT STEEL ROLL RIM KITCHEN SINKS

WITH HIGH BACK

No. 38 Same as shown in above cut.

(Class "B"—with slight defects, but properly repaired.)

Brand new. Each sink complete with 15-inch enameled back, nickel-plated strainer, sink bolts, iron brackets, nickel-plated brass fuller bibbs, and iron collar for attaching trap.

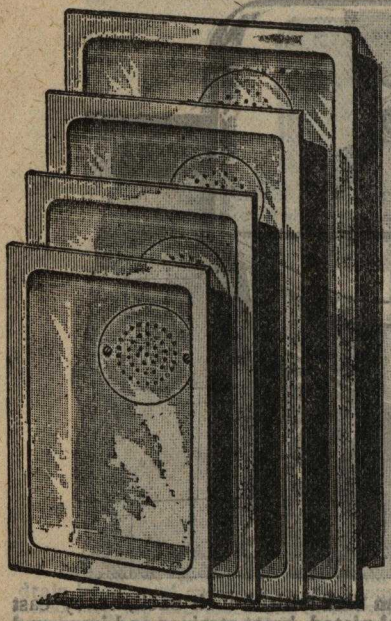
Enameled on the inside and also on the outside of sink, in four different color namels:

1. Blue inside and outside.
2. Agate inside and Gray outside.
3. Crystal inside and Light Gray outside.
4. White inside and Blue outside.

PRICES:

SIZES	BLUE	AGATE	CRYSTAL	WHITE
16x24	$3 75	$4 10	$4 25	$5 10
18x30	4 20	4 50	4 65	5 50
18x36	4 65	4 95	5 10	6 00
20x30	4 65	4 95	5 10	6 00
20x36	4 85	5 15	5 30	6 30
20x40	5 50	5 80	5 95	6 95

Flat Rim Cast Iron Sinks.

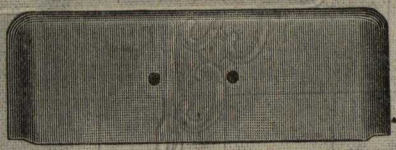


White Porcelain Enameled Iron Kitchen Sinks.

No. K40. Furnished with nickle plated strainer, sink bolts and collar for lead trap. Perfect and brand new.

Sizes.	Price each
16x24	$1.50
18x24	1.65
18x30	2.00
18x36	2.25
20x24	2.10
20x30	2.50
20x36	2.60
20x40	3.00

Sink Backs.



No. K46. Cast iron, roll rim, white porcelain enameled, brand new. Can be used with any style sink. Neat, clean and sanitary. Two cock-holes drilled.
Length 24 inches. Each $1.50
Length 30 inches. Each 1.75

Painted Cast Iron Kitchen Sinks.

No. K42. With strainers, bolts and collars.

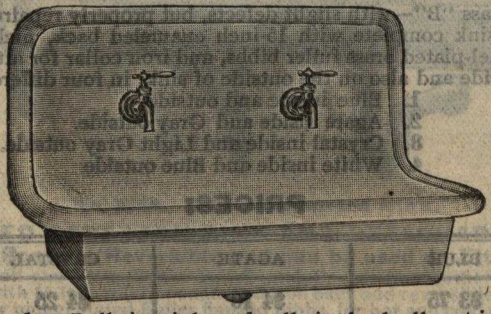
Sizes	16x24	18x30	18x36	20x30	20x36	20x40
Price each	$0.75	$1.00	$1.20	$1.20	$1.40	$1.60

Painted Wrought Steel Seamless Kitchen Sinks.

No. K43. With strainers, bolts and collars.

Sizes	16x24	18x30	18x36	20x30	20x36	20x40
Price each	$0.60	$0.90	$1.10	$1.10	$1.25	$1.40

Sanitary One Piece Kitchen Sinks.



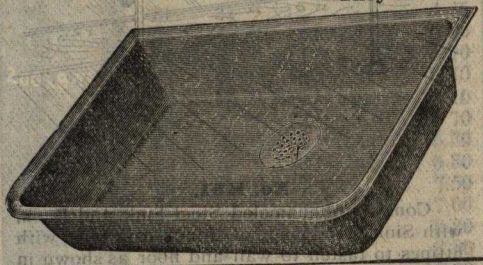
Most sanitary sink made. Roll rim sink and roll rim back all cast in one piece, so that there is no seam between the sink and the back. We furnish these with very heavy cast iron brackets and with nickel plated flanged Fuller bibbs, as shown in the illustration, and with nickel plated strainer, sink bolts and collar, 1½ inch lead "P" trap.
Price, 18x30 ..... $11.00 each
" 22x32 ..... 12.00 "

WROUGHT STEEL KITCHEN SINKS

ABSOLUTELY NEW MATERIAL

We purchased Three carloads of them at manufacturer's sale. They are unquestionably superior to any cast-iron sink, being stronger, more durable and lighter. They are drawn from a single sheet of steel. ***They will not break from any cause whatever.*** Steel being less porous than cast iron, they are more sanitary. Their great elasticity also avoids the danger of breaking dishes. **The Sinks in this list are all heavily porcelain enameled, both inside and outside.**

They are all 6 inches in depth.



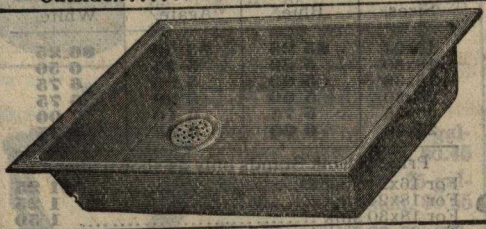
Lot No. 01.

Seamless wrought steel kitchen sinks, with roll edges. (For use with brackets for exposed plumbing.)

HEAVILY ENAMELED BOTH INSIDE AND OUTSIDE

All 6 inches in depth.

Width, inches	16	18	18	18	20	20	20
Length, inches	24	24	30	36	30	36	40
Blue Enameled inside and out	$1.10	$1.25	$1.40	$1.70	$1.70	$1.90	$2.25
Agate Enameled inside and out (gray)	1.40	1.55	1.70	2.00	2.00	2.20	2.55
Crystal Enameled inside and out (light gray)	1.50	1.65	1.80	2.10	2.10	2.30	2.65
White Enameled inside and Blue Enameled outside	2.15	2.30	2.45	2.75	2.75	2.95	3.30



Lot No. 1.

Seamless wrought steel kitchen sinks, with flat edges.

HEAVILY ENAMELED BOTH INSIDE AND OUTSIDE

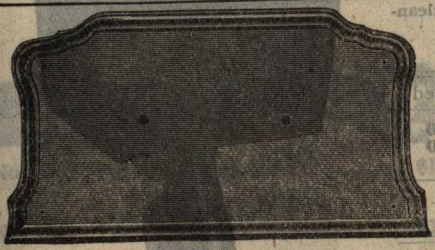
All 6 inches in depth.

Width, inches	16	18	18	18	20	20	20
Length, inches	24	24	30	36	30	36	40
Blue Enameled inside and out	$1.05	$1.20	$1.35	$1.65	$1.65	$1.85	$2.20
Agate Enameled inside and out (gray)	1.35	1.50	1.65	1.95	1.95	2.15	2.50
Crystal Enameled inside and out (light gray)	1.45	1.60	1.75	2.05	2.05	2.25	2.60
White Enameled inside and Blue Enameled outside	2.10	2.25	2.40	2.70	2.70	2.90	3.25

The above prices are for sinks, with cast iron couplings for lead pipe.

ADD EXTRA PER SINK:

If ordered for iron pipe connection.....each $0.30
If ordered with rubber stoppers..... " .30
If ordered with rubber stoppers and detachable overflow grates..... " .55



Wrought Steel Sink Backs

We will furnish Heavy Enameled Seamless Backs for above Sinks, with 1 or 2 cock holes, as follows:

Width, inches	20	24	30	36
Blue Enameled	$0.57	$0.66	$0.78	$0.96
Agate Enameled	.60	.69	.81	1.00
Crystal Enameled	.66	.75	.87	1.05
White Enameled	.75	.90	1.05	1.25

BRACKETS

We will furnish cast iron Brackets for Kitchen Sinks.....per pair $0.50

BETTER ORDER TODAY.



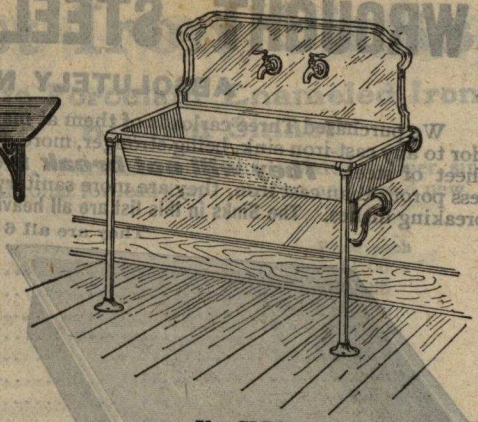
No. K50.

ENAMELED STEEL PANTRY SINK

The above Pantry Sink is equipped with a plug strainer and can be filled with water and the dishes washed in the sink itself, and then the water let out. We furnish the sink, the N. P. bibbs for hot and cold water, the sink back, two pair of brackets, and the lead trap. *We do not furnish the wooden frame or drain boards.*

Price outfit complete as listed above.

Size.	White Inside. Blue Outside.	Gray Enameled Inside and Outside.	Blue Enameled Inside and Outside.
14x20	$6 00	$5 50	$5 25
16x20	6 50	6 00	5 75
16x24	6 75	6 25	6 00
18x24	7 00	6 50	6 25
18x30	7 50	7 00	6 75
18x36	8 00	7 50	7 25



No. K51.

Consists of enameled Steel Sink and Back, with Sink Stand made of ¾-inch iron pipe, with fittings to fasten to wall and floor as shown in illustration. This Sink Stand is very rigid, and absolutely sanitary. The outfit is furnished complete with finished brass Fuller flanged bibbs for hot and cold water, sink strainer, collar and bolts, lead "P" trap to wall, screws etc.

Prices.

Sizes.	Blue.	Agate.	White.
16x24	$5 25	$5 50	$6 25
18x30	5 50	5 75	6 50
18x36	5 60	5 90	6 75
20x30	5 60	5 90	6 75
20x36	5 75	6 10	7 00
20x40	6 00	6 25	7 25

Price of Sink Stands only as shown above.

For 16x24 sink	$1 25
For 18x24 sink	1 25
For 18x30 sink	1 50
For 20x30 sink	1 60
For 18x36 sink	1 75
For 20x36 sink	1 85
For 20x40 sink	2 00

No. U44. Enameled Iron Urinal.



No. U44. Cast iron roll rim Urinal, with roll rim back, all white porcelain enameled, brass bee-hive strainer and tailpiece, perforated brass flush pipe with loose key stop.

24 inches long.....price, $ 9 00
30 inches long.....price, 9 90
36 inches long.....price, 11 40
42 inches long.....price, 13 50
48 inches long.....price, $15 00
60 inches long.....price, 20 40
72 inches long.....price, 24 75

Slop Sinks.

No. K58. Cast iron flat rim Slop Sink, on trap standard with clean-out and brass vent connection.

Sink as above with 2 brass bibbs.

Size.	Painted.	Enameled.
16x16x10	$5 25	$7 00
16x20x12	5 75	7 50
20x24x12	6 75	

No. K59. Slop Sink only, without trap standard or bibbs.

Size.	Painted.	Enameled.
16x16x10	$1 35	$3 75
14x20x12	1 75	4 25
16x20x12	2 00	5 00
20x24x12	2 50	6 00

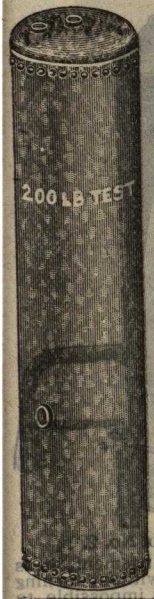


No. K58. Enameled Iron Slop Sink.

GALVANIZED RANGE BOILERS.

Brand New. 200 Lb. Test.

Price for Boiler Only.



Capacity Gals.		Size.	Price.
12	36	in. x 10 in.	$3.75
17	34	" x 12 "	4.20
18	3	ft. x 12 "	4.35
21	3½	" x 12 "	4.65
24	4	" x 12 "	4.80
24	3	" x 14 "	5.70
27	4½	" x 12 "	5.70
28	3½	" x 14 "	6.10
30	5	" x 12 "	5.70
32	4	" x 14 "	6.30
35	5	" x 13 "	6.30
36	6	" x 12 "	7.50
36	4½	" x 14 "	7.00
40	5	" x 14 "	8.20
42	4	" x 16 "	8.80
47	4½	" x 16 "	12.00
48	6	" x 14 "	12.00
52	5	" x 16 "	12.40
53	4	" x 18 "	12.40
63	6	" x 16 "	15.20
66	5	" x 18 "	15.20
79	6	" x 18 "	17.60
82	5	" x 20 "	18.25
98	6	" x 20 "	25.00

BOILER STANDS



For boilers up to 30 gallons.....each, $0.45

For boilers up to 35 gallons.....each, $0.55

For boilers up to 40 gallons.....each, $0.60

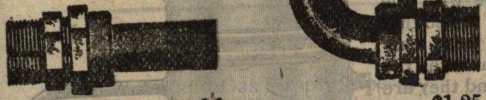
For boilers 16 inches in diameter....each, $0.75

For boilers 18 inches in diameter....each, $1.15

For boilers 20 inches in diameter....each, $1.50

BOILER COUPLINGS

For Lead Pipe.



No. 1900 Per set of four.....$1.25

For Iron Pipe.

No 1901 Per set of four.....$1.25

Boiler Tube.

No. 1902 ½ inch, price, each.....$0.20

PRICES ON COMPLETE BOILERS

Complete with Stand, Tube and Couplings.

Size, 30 gallons	$7.00
" 35 "	8.25
" 40 "	9.00

LEAD PIPE CONNECTION

From Boiler to Range.

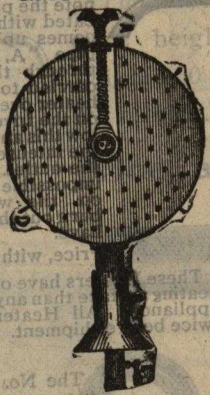


No. 1903. Lead pipe with a ¾-inch brass union wiped on one end and a ¾-inch brass nipple wiped on the other.

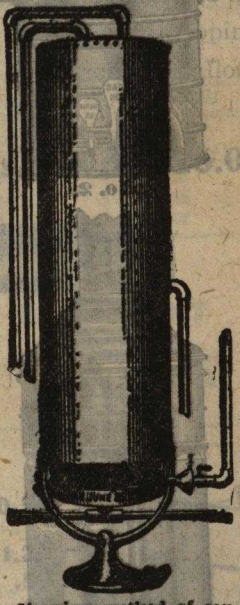
By using these lead pipe boiler connections the job of connecting a range boiler is much simplified. Use one on the flow from bottom of boiler to lower opening of water front, and one from upper opening in water front to the opening in the side of the boiler. The lead pipe will easily bend and the balance of the distance can be filled in with ¾-inch iron pipe.

Price per set of two.....$3.00

GAS RANGE BOILER HEATERS



No. 1906.



Showing method of connecting.

These Heaters burn gas as fuel and are a complete little stove to clamp under the range boiler, as shown in the illustrations, and they can be attached with either a rubber gas hose or with iron pipe. They have an air mixing chamber and a gas cock, making powerful heat and will quickly warm entire contents of range boiler.

Price for 30 gallon boiler.....each, $2.00

" " 40 " " ..... " 2.50

WATER FRONTS



We can furnish Water Fronts for any range made today. This cut shows the style of Water Fronts which are used in steel ranges without reservoir. It is made of cast iron, hollow on the inside, with two openings in the end, tapped so as to take iron pipe connection to the circulating range boiler. The water is heated by passing through the Water Front, which is placed in front of the fire box of the range. Price of all ordinary patterns of Water Fronts for family size ranges is $5.00. In ordering specify the maker's name of your range, the number of the range and the size.

See Page 64 for Tank Heaters and Steel Tanks.

INSTANTANEOUS WATER HEATERS

For Artificial or Natural Gas

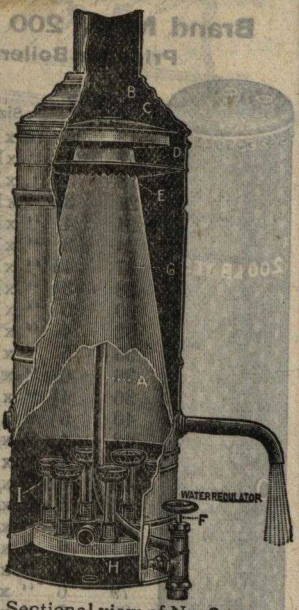


No. 2.

The Instantaneous Water Heater is certainly an ideal appliance to obtain hot water quickly at any time of day or night. We carry a complete line of Instantaneous Heaters for natural or artificial gas and for gasoline.

The No. 2 Instantaneous Gas Heater shown above will heat a flowing stream of water at the rate of 2½ gallons a minute to 120 degrees Fahrenheit, or 6 cubic feet of gas will heat 30 gallons of water in this to a temperature of 120 degrees. So this makes one half cent's worth of gas for sufficient hot water for a bath. These Heaters produce better and quicker results than any other Heater made. They are the ideal thing for a home or any public bath room, as you can furnish any number of baths one right after the other without waiting for water to heat.

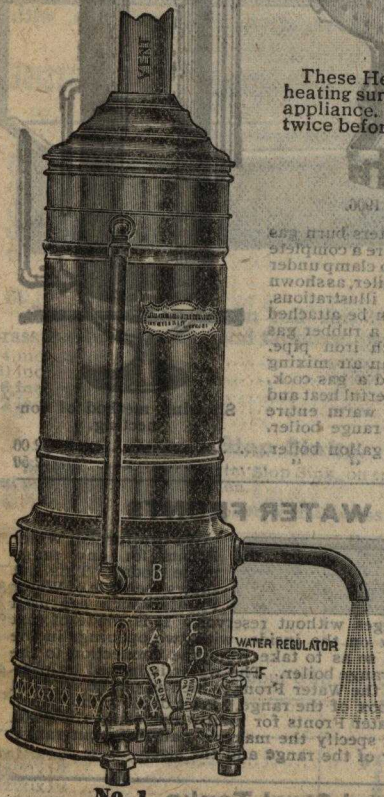
In the sectional view you will note the patent spray top indicated with letter "B." Water comes up through the supply pipe "A," and is sprayed through the spray top "B," carried to the outside of the heater over the cone "C," falls on the inverted cone "D," below this and then trickles down the intensely hot plate "E" to the outlet. With the improved controlling arrangement, it is impossible to turn on the gas and light the fire without turning on the water at the same time. Thus it is impossible to burn out the heater. Size No. 2 is the most popular size that we have.



Sectional view of No. 2.

Price, with shelf and bracket $18.50

These Heaters have one third more heating surface than any other similar appliance. All Heaters are tested twice before shipment.



No. 1.

The No. 3 Heater, a trifle smaller than the No. 2, will heat 2 gallons of water a minute.

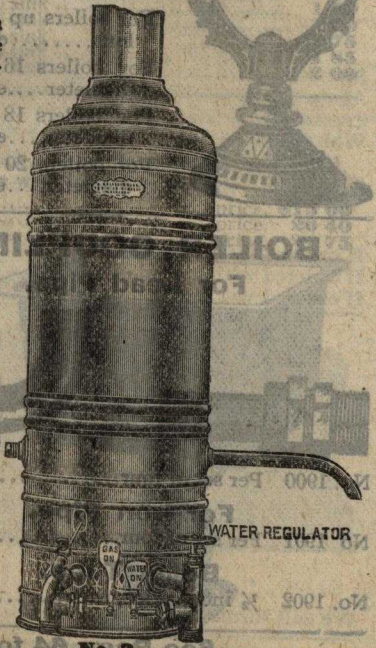
Price, with shelf and bracket... $15.00

The No. 1 Heater is a larger size Heater and will heat 3 gallons of water a minute.

Price, with shelf and bracket.. $27.50

All of the above Heaters are made with the patent spray top so that combustible heat cannot pass through the vent pipe, and they are all equipped with duplex safety valve.

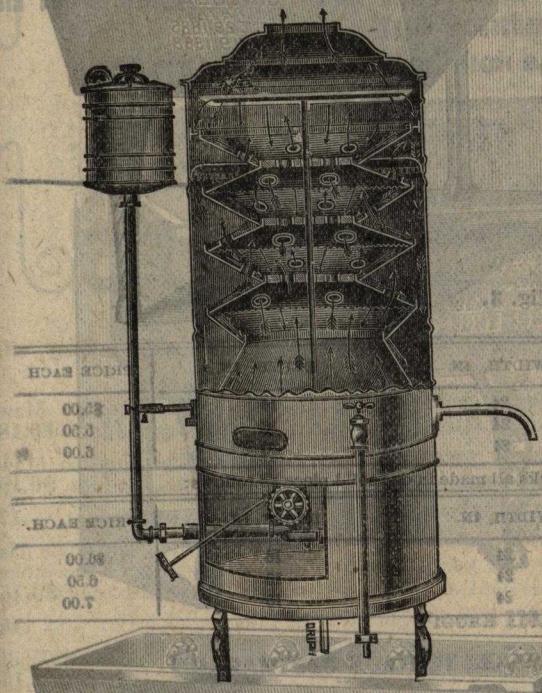
Above Heaters embrace all possible features know to facilitate the heating of water.



No. 3.

Instantaneous Water Heaters.

For Gasoline.



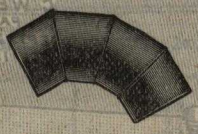
This illustration shows the Instantaneous Heater with Gasoline Attachment. The Heater heats water on the same principle as shown in our gas heaters. It can be connected direct with city water works, or, in the event there is no city water works, can be supplied from an overheated tank.

The dimensions: Diameter, 12 inches; height, 20 inches; shipping weight, 60 lbs. Capacity, 4 gallons per minute.

Price, as shown, $26.00



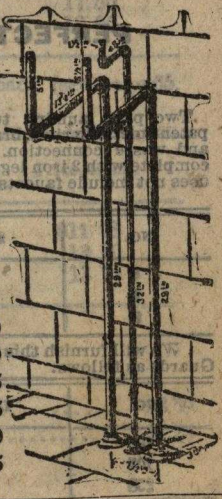








3-inch N. P. Vent Pipe in 28-inch lengths, per length	$0.50
3-inch Extension Thimble with N. P. flanges on each end, 4 to 8-inch Extension	1.20
3-inch N. P. Elbows	.50
3-inch N. P. Vent Pipe Collars	.35
3-inch Ventilating Hood of galvanized iron, to be used where vent pipe terminates outside, to prevent down draft, each	1.00



Water and Gas Supply Pipes	$3.60
N. P. ½-inch Outlet Pipes	2.80
N. P. ⅜-inch Drip Pipes	.85
N. P. ½-inch Elbows	.35
N. P. ½-inch Unions	.50
N. P. ½-inch Seamless Brass Tubing, per foot	.45

Above Heater Just the Thing for Public Bath Room.

ECONOMY STONEWARE LAUNDRY TUBS.

We are in a position to promptly fill your wants on anything in the line of the "Wesely" patented, improved stoneware laundry tub.

The best imported Portland cement and crushed granite is used in construction. They are molded and made into one solid piece, with rounded inside corners, that can be easily kept clean. They are stronger and harder than any made from stone, and are strictly sanitary and free from leakage, having no joints or seams for dirt or vermin to lodge into. The strainers, plugs and waste connections are cast in the tub when being made. The patent metallic rim, which is also cast in the tub, adds to their appearance, and at the same time protects the edges.

One part laundry tub, with patent metallic rings, brass plugs and waste connections. Tub is complete with 2 iron legs. Price is without faucets.

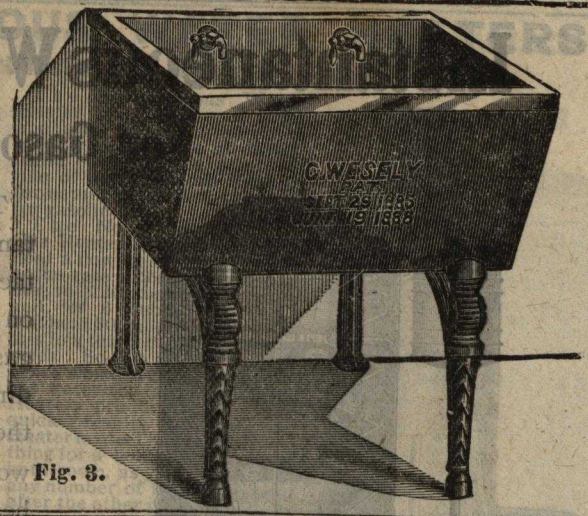


Fig. 3.

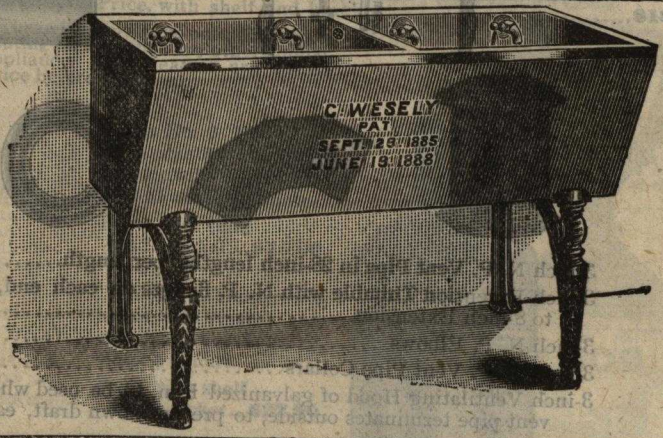
NO.	LENGTH, IN.	WIDTH, IN.	DEPTH, IN.	PRICE EACH.
2	25	24	16	$5.00
2	27	24	16	5.50
4	31	24	16	6.00

We will furnish above tubs, with 6-inch high backs all made in one solid piece as follows:

NO.	LENGTH, IN.	WIDTH, IN.	DEPTH, IN.	PRICE EACH.
102	25	24	16	$6.00
103	27	24	16	6.50
104	31	24	16	7.00

THESE TUBS ABSOLUTELY NEW AND PERFECT.

Two part laundry tub, with patent metallic rims, brass plugs and waste connection. Tub is complete with 2 iron legs. Price does not include faucets.



NO.	LENGTH, IN.	WIDTH, IN.	DEPTH, IN.	PRICE EACH.
6	48	24	16	$7.40
7	54	24	16	8.10
8	60	24	16	8.40

We will furnish this 2 part tub, with 6-inch high back, all made in one solid piece and with patent Wringer Guards as follows:

NO.	LENGTH, IN.	WIDTH, IN.	DEPTH, IN.	PRICE EACH.
106	48	24	16	$10.00
107	54	24	16	11.70
108	60	24	16	12.50

Make us up a Complete List of your Building Wants.

Economy Stoneware Laundry Tubs.

With Patent Wringer Guards, Patent Metallic Rims, Brass Plugs, Strainers, Overflows, and Waste Connections.

THREE PART TUB WITH 6-IN. HIGH BACK (ONE ENTIRE PIECE).

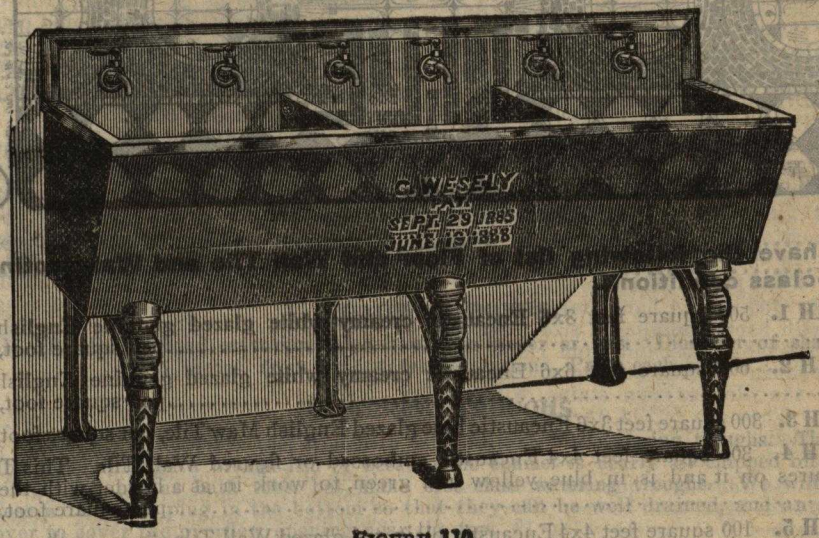


FIGURE 110.

GUARANTEED AGAINST LEAKAGE FOR TEN YEARS.

Price includes iron legs but not the faucets.

No.	Length, Inches.	Width, Inches.	Depth, Inches.	Price, Each.
110	72	24	16	$13 50
111	80	24	16	17 50
112	90	24	16	19 00

We will also furnish these three part laundry tubs without the 6-inch high back (see page 65, figure 3) as follows:

No.	Length, Inches.	Width, Inches.	Depth, Inches.	Price, Each.
10	72	24	16	$11 75
11	80	24	16	13 10
12	90	24	16	13 75

3 pair of ¾-inch Fuller bibbs for above laundry trays..... $3.50
2 2-inch short lead "S" traps for laundry trays..... $1.25

NOTICE OUR PRICES ON STEEL FENCE POSTS.



We have the following list of Floor and Wall Tile and Wainscoting, all in first-class condition.

No. AH 1. 500 square feet 3x6 Encaustic creamy white glazed genuine English Maw Tile.....per square foot, **$0.18**

No. AH 2. 600 square feet 6x6 Encaustic creamy white glazed genuine English Maw Tile.....per square foot, **$0.18**

No. AH 3. 300 square feet 3x6 Encaustic blue glazed English Maw Tile, per square foot, **.17**

No. AH 4. 300 square feet 4x4 Encaustic embossed or figured Wall Tile. This Tile has raised figures on it and is in blue, yellow and green, to work in as a border with the other Tile.....per square foot, **$0.15**

No. AH 5. 100 square feet 4x4 Encaustic plain red glazed Wall Tile, " " **.15**

No. AH 6. 100 square feet 4x4 Encaustic plain yellow or straw-color glazed Wall Tile.....per square foot, **$0.15**

No. AH 7. 400 square feet 6x6 octagon shape Clay Floor Tile, in alternate blocks of dark red and straw color. This Tile is to be laid with 1x1 square clay Tile to fill out octagon corners. Price complete with the necessary 1x1 blocks.....per square foot, **$0.20**

No. AH 8. 100 square feet 6x6 Encaustic yellow or straw-color glazed wide Wall Tile.....per square foot, **$0.14**

No. AH 9. 500 square feet 14x14 Black Marble Floor Tile..... " " **.23**

No. AH 10. 6,000 square feet 12x12 Marble Floor Tile, consisting of white Italian marble, black marble and red Tennessee marble. We can make up floors from this in alternate blocks of white and black and white and red, or in the proportion of one block of red to four of white; good as new; redressed, refinished and repolished.....per square foot, **$0.35**

No. AH 11. 10,000 square feet White Italian Marble Wainscoting; some 34 inches high, some 38 inches high and some 6 to 8 feet high. This Wainscoting will be repolished and blocks trimmed to fit your space, according to plans, at **60c** per square foot in 5 feet or less in height, and **$1.00** per square foot for over 5 feet in height.

No. AH 12. 800 lineal feet White Italian Marble Base-board, 4 inches high by 7/8 inch thick. Price.....per lineal foot, **$0.15**

No. AH 13. 1,000 lineal feet White Italian Marble Base-board, 5 inches high, per lineal foot.....**$0.15**

No. AH 14. 1,000 lineal feet White Italian Marble Base-board, 6 inches high, per lineal foot.....**$0.20**

No. AH 15. 500 lineal feet White Italian Marble Base-board, 8 inches high, per lineal foot.....**$0.25**

No. AH 16. 500 lineal feet Black Onyx Base-board, beautifully striped with lighter shades, 6 inches high.....per lineal foot, **$0.30**

No. AH 17. 1,000 square feet English Clay Floor Tile, straw color, size 3x3 inches, per square foot.....**$0.16**

SEND US DIAGRAM OF YOUR TILE WANTS

Miscellaneous Bargains.

WATER METERS.

The following represents our stock of water meters that were used at the St. Louis Exposition. They were in service only about eight months, and are in perfect condition, just as good as new meters. We offer them for prompt acceptance and subject to prior sale.

HERSEY DISC METERS.

L.M. 20. 10 ⅝-inch, capacity 15 gallons per minute, price each.....$ 6.00
L.M. 21. 5 ¾-inch, capacity 30 gallons per minute, price each..... 9.00
L.M. 22. 2 1½-inch, capacity 90 gallons per minute, price each..... 22.50
L.M. 23. 1 6-inch with flange connections and companion flanges complete, capacity 900 gallons per minute. Price on application.
L.M. 40. 1 2-inch, with flanged coupling; cap. 150 gal. per minute, price..... 40.00
L.M. 41. 1 3-inch, with flanged coupling, cap. 270 gal. per minute, price..... 75.00
L.M. 42. 1 1½-inch Hersey Rotary Meter, with fl. cplg., cap. 90 gal. per min., price 40.00

STRAIGHT READING METERS.

Keystone, mfg. by Pittsburg Machine Co., L.M. 24. 3 ⅝-inch, price.....$ 7.50
Lambert, mfg. by Thompson Meter Co., L.M. 25. 1 ⅝-inch..... 7.50

ROADWAY BOXES.

L.M. 26. Round head extension valve boxes for water or gas. Diameter of shaft 5¼ inches, from 3 to 4 feet extension. Price each.....$ 2.00

WATERING TROUGHS.

L.M. 27. Twenty-five cast iron bath tubs, suitable for watering troughs. These bath tubs either through a broken rim or because the enamel is nearly all chipped off are not suitable for use as bath tubs, but make first class watering troughs. We will furnish these with waste plug in the bottom so that they can be well drained, and an overflow cover to cover the overflow opening near the top.
Price 4½-foot tub.....$ 6.00
Price 5-foot tub..... 6.50
Price 5½-foot tub..... 7.00

SHOP WASH SINKS.

L.M. 28. These consist of a large sized sink with four-legged stand made of pipe and fittings and floor flanges, so that it would stand securely and evenly on the floor with a pipe coming up over the top of the sink, and with two faucets to fit into this, with waste plug strainer so that the sink can carry three to four inches of water in it, with trap complete to the floor.
Size 20x36.....$ 6.50
Size 20x40..... 7.25

ELECTRIC SWITCH BOARD SLABS.

L.M. 29. We have a large stock of slate slabs. The slabs are about one inch thick, and we get these out in almost any size required. Our stock comprises slabs in sizes about as follows: 24 by 24 inches; 20 inches by 5 feet; 24 inches by 5 feet; 30 inches by 5 feet.
Price of slabs in our stock sizes, per square foot.....$ 0.25
Price of slabs cut to measure on application.

LARGE SIZE CAST IRON SOIL PIPE.

L.M. 30. We have considerable cast iron soil pipe from the St. Louis Exposition, 8 inches and 10 inches in diameter. This soil pipe is in perfect condition, standard weight, recoated.
Price 8-inch, per 5-foot length.....$ 2.75
Price 10-inch, per 5-foot length..... 4.00

HIGH GRADE BASIN BOWLS.

L.M. 32. These bowls are in natural flower effects and will make very handsome outfits. They are in various patterns and strictly perfect.
Size 14x17, no overflow, metal plug. Price each.....$ 2.00
Size 14x17, patent overflow, metal plug. Price each..... 2.00
Size 15x19, no overflow, metal plug. Price each..... 2.25
Size 15x19, patent overflow, metal plug. Price each..... 2.25

MISCELLANEOUS BARGAINS.

MARBLE TILE AND SLABS.

Item No. A. Six pieces of white Italian marble tile, 12x12 inches, 1 inch thick. Polished on one side, second hand. Each, $0.25

Item No. B. 600 square feet second hand Italian and Tennessee marble tile. Size, 9x9 inches and 14x14 inches. White and black. Finished on one side. Price per square foot..... $0.25

Item No. C. 30 second hand marble lavatory slabs, without backs, in excellent condition. These are for 14 and 15 inch round and 14x17 inch oval bowls. Ranging in size from 20 to 24 up to 20x36 inches. Price each..... $2.00

Item No. D. 500 feet white Italian marble wainscoating, 5 inches wide, ⅞ inch thick. In first class condition. Second hand. Price per lineal foot..... $0.15

Item No. E. 100 second hand Italian marble slabs with backs, ranging in size from 20 to 24 to 24x48 inches, and from 1¼ to 1½ inches thick. These are in good condition, the defects are stains without cracks. They are for 14, 15 and 16 inch round basins, and 14x17 to 15x19 inch oval basins. Price each..... $2.50

Item No. F. 10 Tennessee quarter circle corner slabs for 14x17 inch basins. They are 24x24 inches. Complete with 12 inch backs, 1¼ inches thick. They are in excellent condition, no cracks and no stains. Either 1 or 2 cock holes. Price each, $3.00

Item No. G. 14 quarter circle Italian marble corner slabs. Complete with backs, for 14 inch round and 14x17 inch oval basins, ranging from 20x20 to 24x24 inches. The backs from 8 to 12 inches high. Second hand. The defects are stains. Price, each, $2 25

Item No. H. 6 mantel tops of Tennessee marble. 78 inches long, 16 inches wide, 1⅛ inches thick. Price each..... $4.00

LAVATORY TRIMMINGS.

We will furnish you trimming for any of above slabs as follows:

1 pair N. P. Compression Basin Cocks.
1 N. P. "S" Trap, no vent.
1 pair N. P. Brackets, Clamps, etc.
1 P. O. M. P. Round Bowl—for all... $5.00
If 14x17 P. O. M. P. Bowl, add..... 50
If 15x19 P. O. M. P. Bowl, add..... 1.00

CLOSET BOWLS.

A. B. No. 57. 2 Combined Hopper and Trap Bowls, very highly decorated, hand painted, first class condition, brand new made for rubber connections, each, $1.25

A. B. No. 56. 30 loose Hopper and Traps made by Kelly Bros. They are solid vitreous porcelain, in first class condition. Each..... $0.75

BATH TUBS.

A. B. No. 67. 11 brand new Porcelain Enameled Bath Tubs, full of pit holes in the enamel. These tubs are perfect casting, the only defect being in the enamel, which would spoil the appearance, but for actual use and good service are as good as any tub on the market; complete with nickel-plated compression double bath cock, nickel-plated overflow strainer, waste plug and rubber stopper.

4½ ft. long, with trimmings, each, $13.50
5 " " " " " 14.00
5½ " " " " " 15.00

A. B. 68. 20 brand new Porcelain Enameled Iron Bath Tubs. They are crazed in the enamel. These tubs are perfect casting, the enamel being more or less crazed but they are perfectly solid and will give good service. They are complete with nickel plated compression double bath cock, nickel plated overflow strainer, nickel-plated waste plug and rubber stopper.

4½ ft., price each..... $14.00
5 " " " 14.50
5½ " " " 16.00

A. B. No. 55. 10 Second Hand Bath Tubs with flat rims, white enamel painted inside. they are 4½ and 5 ft. long, 19½ inches deep and 28½ inches wide, outside measurements; complete with nickel plated compression double bath cock. Waste and overflow chain and plug. Each.... $11.00

A. B. No. 58. 6 Copper Lined Bath Tubs, boxed in pine wood, 5 feet long, 24 inches wide, 18 inches deep. These are absolutely in perfect condition, but are second hand. Each..... $6.00

Approximate Weight of Soil Pipe and Fittings.

Standard. Size Inches.....	2	3	4	5	6
Pipe, lbs. per length.....	17½	22½	32½	40	50
Quarter Bend, lbs. each....	4	5½	8	10	14½
Sixth Bend, lbs. each.....	3	4¾	6	8	11
Eight Bend, lbs. each.....	3	4¾	6	8	11
T Branch, lbs. each.....	4	8	10	15	20
Crosses, lbs. each.....	5	10	12	16	24
Y Branch, lbs. each.....	5	9	13	18	25
Half Y Branch, lbs. each...	4½	6½	10	14	16
Double Y Branch, lbs. each	8	11	18	26	37
Double Hubs, lbs. each....	3	4	6	8	10
Straight Sleeve, lbs. each..	2½	4	5	6	7
Traps, lbs. each.....	5½	10	19	26	35
Reducers, lbs. each.....		3	4	6	8

Offsets.....2x3, 5 lbs; 3x8, 8 lbs; 4x12, 15 lbs; 5x12, 20 lbs; 6x8, 22 lbs.

Extra Heavy. Size Inches...	2	3	4	5	6
Pipe, lbs. per length.....	27½	47½	65	85	100
Quarter Bend, lbs. each.....	6	8	12	15	20
Sixth Bend, lbs. each.....	4¾	6¼	9½	12	16
Eight Bend, lbs. each.....	4½	6¼	9½	12	16
T Branch, lbs. each.....	7	13	20	25	34
Crosses, lbs. each.....	10	20	24	32	48
Y Branch, lbs. each.....	10	15	25	32	45
Half Y Branch, lbs. each....	9	13	18	24	30
Double Y Branch, lbs. each..	12	20	32	45	60
Double Hubs, lbs. each.....	4½	7	8	11	14
Straight Sleeve, lbs. each....	4	6	7	9	10
Traps, lbs. each.....	9	18	28	45	68
Reducers, lbs. each.....		4	6	8	11

Offsets.....2x8, 9 lbs; 3x8, 15 lbs; 4x12, 23 lbs; 5x12, 30 lbs; 6x8, 38 lbs.

Notice our Low Prices on Wire quoted elsewhere in this book.

SOIL PIPE AND FITTINGS

ALL BRAND NEW.

SOIL PIPE FIVE FOOT LENGTHS.



Single Hub Soil Pipe.



Double Hub Soil Pipe.

	2 in.	3 in.	4 in.	5 in.	6 in.
Standard, Single Hub, per l'gth,	$0.60	$0.80	$1.00	$1 45	$1.70
Ex. Heavy " " "	.80	1.40	1.60	2.30	2 60
Standard Double " "	.72	.90	1.10	1.70	1.95
Ex. Heavy " " "	.85	1.50	1,75	2.50	2.75

QUARTER BENDS.



No. 1. Quarter Bend.



No. 10. Quarter Bend, with 2 inch heel inlet.



No. 2. Quarter Bend, with 2 in. side outlet, either right or left side.

	2 in.	3 in.	4 in.	5 in.	6 in.
No. 1 Standard	$0.16	$0.25	$0 32	$0.60	$0.80
No. 1 Extra Heavy	.20	.38	.46	.80	1.10
No. 2 Standard	.56	.66	.78	1.10	1.20
No. 2 Extra Heavy	.60	.80	.85	1.20	1.50
No. 10 Standard	.36	.42	.54	.60	.68
No. 10 Extra Heavy	.40	.58	.66	.74	.90

1-6th BENDS. No. 11.



	2 in.	3 in.	4 in.	5 in.	6 in.
No. 11 Standard	$0.16	$0 25	$0.32	$0.60	$0.80
No. 11 Extra Heavy	.20	.38	.46	.80	1.10

1-8th BENDS. No. 12.



	2 in.	3 in.	4 in.	5 in.	6 in.
No. 12 Standard	$0.16	$0.25	$0.32	$0.60	$0.80
No. 12 Extra Heavy	.20	.38	.46	.80	1.10

"T" BRANCHES.



No. 14. T Branch,



No. 15. With 2-in. Side Inlet. (Right or Left.)



No. 16. Tapped. (1¼ or 2 in.)

	2 in.	3 in	4 in.	5 in.	6 in
No. 14 Standard	$0.24	$0.40	$0.56	$0.80	$1.16
No. 14 Extra Heavy	.32	.56	.72	1.16	1.56
No. 15 Standard			.96	1.20	1.56
No. 15 Extra Heavy			1.16	1.56	1.96
No. 16 Standard	.56	.62	.80	....	....
No. 16 Extra Heavy	.62	.80	.94	....	....

SANITARY T BRANCHES.



No. 3. Sanitary T Branch.



No. 4. Sanitary T Branch, with 2-in. side inlet, right or left.



No. 5. Sanitary Branch, tapped for iron pipe.

	2x2	3x3 to 3x2	4x4 to 4x2	5x5 to 5x2	6x6 to 6x2
No. 3 Standard	$0.28	$0.40	$0.56	$0.80	$1.20
No. 3 Extra Heavy	.33	.56	.72	1.15	1.60
No. 4 Standard	.44	.52	.78	.94	1.10
No. 4 Extra Heavy	.52	.70	.94	1.20	1.60
No. 5 Standard	.54	.62	.78	....	....
No. 5 Extra Heavy	.62	.80	.78	....	....

"Y" BRANCHES.



No. 17. "Y" Branch.



No. 18. ½ "Y" Branch.



No. 19. "Y" Branch with 2 in. Side Inlet.

	2 in.	3 in.	4 in.	5 in.	6 in.
No. 17 Standard	$0.24	$0.44	$0.60	$0.84	$1.20
No. 17 Extra Heavy	.36	.60	.76	1.20	1.60
No. 18 Standard	.24	.44	.60	.84	1.20
No. 18 Extra Heavy	.36	.60	.76	1.20	1.60
No. 19 Standard	....	....	1.00	1.24	1.60
No. 19 Extra Heavy	....	....	1.16	1.60	2.00

DOUBLE "Y" BRANCHES.



No. 20. Double "Y" Branch



No. 21. Double ½ "Y" Branch.



No. 22. Double "Y" Branch with 2 in. Side Inlet.

	2 in.	3 in.	4 in.	5 in.	6 in.
No. 20 Standard	$0.48	$0.70	$0.90	$1.26	$1.64
No. 20 Extra Heavy	.60	.90	1.20	1.70	2.20
No. 21 Standard	.48	.70	.90	1.26	1.64
No. 21 Extra Heavy	.60	.90	1.20	1.70	2 20
No. 22 Standard	....	....	1.30	1 60	2.04
No. 22 Extra Heavy	....	....	1.60	2.10	2.60

CROSSES.



No. 23. Cross.



No. 24. Sanitary Cross.

	2 in.	3 in.	4 in.	5 in.	6 in.
No. 23 Standard	$0.40	$0.60	$0.72	$1.08	$1.40
No. 23 Extra Heavy	.50	.76	.90	1.40	1.80
No. 24 Standard	.48	.70	.90	1.26	1.60
No. 24 Extra Heavy,	.60	.90	1.20	1.70	2.20

If you need any Soil Pipe Fittings that we do not show, write us for them.

SOIL PIPE FITTINGS



CROSSES—TAPPED.



No. 25. Cross—Tapped.

No. 26. Sanitary Cross—Tapped.

		2 in.	3 in.	4 in.
No. 25	Standard	$0.60	$0.90	$1.04
No. 25	Extra Heavy	.80	1.10	1.20
No. 26	Standard	.70	1.00	1.20
No. 26	Extra Heavy	.90	1.20	1.30



OFFSETS No. 27.

No. 27.

Size to Offset Inches.	Standard.	Extra Heavy
2 x 4	$0.20	$0.36
2 x 6	.24	.40
2 x 8	.28	.44
2 x 10	.32	.48
2 x 12	.36	.52
2 x 14	.40	.58
2 x 16	.50	.64
3 x 4	.36	.50
3 x 6	.40	.54
3 x 8	.44	.60
3 x 10	.50	.66
3 x 12	.56	.72
4 x 4	.40	.56
4 x 6	.46	.64
4 x 8	.52	.72
4 x 10	$0.58	$0.80
4 x 12	.64	.90
4 x 14	.72	1.00
4 x 16	.80	1.10
5 x 4	.68	.90
5 x 6	.76	1.00
5 x 8	.84	1.10
5 x 12	1.00	1.30
5 x 16	1.20	1.50
6 x 4	.80	1.20
6 x 6	.90	1.30
6 x 8	1.00	1.40
6 x 10	1.10	1.50
6 x 12	1.20	1.60

OFFSETS No. 28.

With 2 inch Inlets.



Size to Offset, Inches.	Standard.	Extra Heavy.
4 x 4	$0.60	$0.76
4 x 6	.66	.84
4 x 8	.70	.92
4 x 10	.78	1.00
4 x 12	.84	1.10
4 x 14	.92	1.20
4 x 16	1.00	1.30



VENTILATING BRANCHES.



No. 29. For Calking.

No. 30. Tapped 1¼, 1½ or 2 in.

	2 in.	3 in.	4 in.	5 in.	6 in.
No. 29 Standard	$0.32	$0.50	$0.60	$0.90	$1.00
No. 29 Extra Heavy	.50	.70	.80	1.20	1.60
No. 30 Standard	.60	.70	.90	1.10	
No. 30 Extra Heavy	.80	.90	1.10	1.40	



SHORT INCREASERS.



No. 31. For Calking.

No. 32. Tapped.

	Standard.	Extra Heavy.
2 to 3 inches	$0.28	$0.40
2 to 4 inches	.36	.50
2 to 5 inches	.46	.70
3 to 4 inches	.36	.50
3 to 5 inches	.46	.70
4 to 5 inches	.46	.70
4 to 6 inches	.50	.90
5 to 6 inches	.50	.90

No. 32. Tapped.	Standard.	Extra Heavy.
1½ to 4 inches	$0.56	$0.70
2 to 4 inches	.60	.74
2 to 5 inches	.70	.94
3 to 5 inches	.80	1.04

LONG INCREASERS.



No. 33. Plain, For Calking.

	Standard.	Extra Heavy.
2 x 4—24 inches long	$0.80	$1.00
3 x 4—24 inches long	.84	1.04
4 x 5—30 inches long	1.40	1.70
5 x 6—30 inches long	1.90	2.20



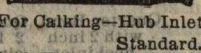
No. 34—Plain Tapped.

	Standard.	Extra Heavy.
1½ x 4—24 inches long	$0.80	$1.00
2 x 4—24 inches long	.84	1.04



No. 35. For Calking—tapped on side.

	Standard.	Extra Heavy.
2 x 4—24 in. long, 1½ in. tap..	$1.00	$1.30
3 x 4—24 in. long, 1½ in. tap..	1.04	1.34
4 x 5—30 in. long, 2 in. tap..	1.60	2.00
4 x 6—48 in. long, 2 in. tap..	2.40	
5 x 6—30 in. long, 2 in. tap..	2.00	2.60



No. 36. For Calking—Hub Inlet on Side.

	Standard.	Extra Heavy.
2 x 4—24 inch, 2 inch Hub	$0.90	$1.20
3 x 4—24 inch, 2 inch Hub	.94	1.24
4 x 5—30 inch, 3 inch Hub	1.60	2.00
4 x 6—48 inch, 3 inch Hub	2.40	2.80
5 x 6—30 inch, 3 inch Hub		2.40
5 x 6—36 inch, 4 inch Hub		2.70



PLAIN TRAPS.



No. 8. S. Trap. No. 9. Half S. Trap.

	2 in.	3 in.	4 in.	5 in.	6 in.
No. 8 Standard	$0.32	$0.50	$0.70	$1.40	$1.80
No. 8 Extra Heavy	.50	.80	1.10	1.80	2.40
No. 9 Standard	.32	.50	.70	1.40	1.80
No. 9 Extra Heavy	.50	.80	1.10	1.80	2.40



RUNNING TRAPS.



No. 6. Hand-Hole. No. 7. Running Trap, with hub vent.

	2 in.	3 in.	4 in.	5 in.	6 in.
No. 6 Standard	$0.40	$0.60	$0.80	$1.40	$1.60
No. 6 Extra Heavy	.60	.90	1.20	1.60	2.50
No. 7 Standard	.50	.74	1.00	1.60	2.10
No. 7 Extra Heavy	.70	1.05	1.40	2.00	2.70

RUNNING TRAPS With Double Hubs, 4 in. Vents.



No. 37.

	4 in.	5 in.	6 in.
Standard	$1.30	$2.00	$2.40
Extra Heavy	1.70	2.40	3.00

For Weight of different Soil Pipe Fittings see page 112.

SERVICE BOXES

Water Service Boxes, brand new, Morgan or Buffalo pattern.



Diameter 2½ inches.



No.	Extension	Price
3	1 ft. 10 in. to 3 ft.	$0 90
4	2 ft. 8 in. to 4 ft.	1 00
5	3 ft. 8 in. to 5 ft.	1 15
5½	3 ft. 8 in. to 5 ft. 6 in.	1 25
6½	4 ft. 8 in. to 6 ft. 6 in.	1 35
7	4 ft. 4 in. to 7 ft.	1 50
8½	4 ft. 8 in. to 8 ft. 6 in.	1 75



BRAND NEW MURDOCK HYDRANTS

Size of Opening, in.	¾	1
To set 2 ft. in grn'd	$3 10	$4 00
To set 2½ or 3 ft. in ground	3 50	4 50
To set 3½ or 4 ft. in ground	3 75	4 75

BRAND NEW STREET WASHERS

Size of Opening, in.	¾	1
To set 2 ft. in grn'd	$2 50	$3 15
To set 2½ or 3 ft. in ground	3 00	3 50
To set 3½ or 4 ft. in ground	3 35	3 85



CLEAN OUT PLUGS



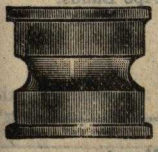
No. 38 Iron ferrule with brass trap screw.

	Each
2 inch	$0 20
3 "	30
4 "	40

SOIL PIPE RESTS



No. 39	Std.	Extra Heavy
2 inch, each	$0 12	$0 16
3 " "	18	22
4 " "	20	26
5 " "	24	32
6 " "	28	40

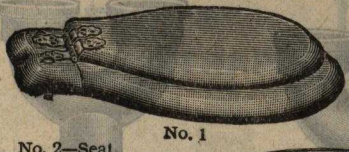


DOUBLE HUBS

No. 40	Std.	Extra Heavy
2 inch, each	$0 12	$0 16
3 " "	18	22
4 " "	26	30
5 " "	30	36
6 " "	32	46

WOODWORK

All new, nicely polished, Natural, Antique or Golden Oak



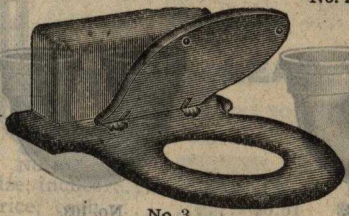
No. 1

No. 1—Seat. For attaching to bowl. Any finish. Price $1 75.

No. 2—Seat. For attaching to bowl. Nickel plated hinges and attachments. Any finish. Price $2 00.



No. 2



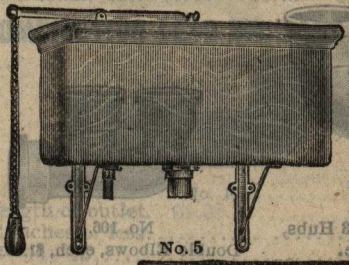
No. 3

No. 3—Seat. Pedestal Seat, for attaching to wall. Any finish. Price $2.00.



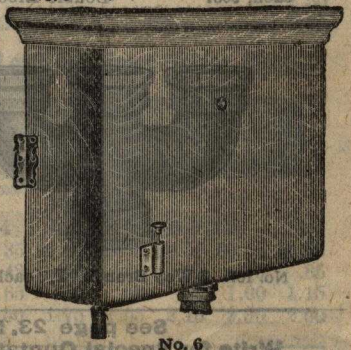
No. 4

No. 4—Seat. All complete. Square pedestal with legs and frame work. Any finish. Price $2 50.



No. 5

No. 5—Tank Cop. lined, with moulding, galvanized Siphon. Complete with ball cock and all trimmings. Either for top or bottom supply. Small size for washout or washdown bowls, ea. $3 50. Large size for Siphon jet bowls, ea. $4 00. Extra for lead lined, each 50c.



No. 6

No. 6—Tank. For low tank combinations. Piano Polish. Round corner, top moulding, copper lined, nickel plated push button action, nickel plated supply pipe and 2 inch connection. Complete with ball cock and all trimmings. Price, ea. $8 00. Extra for lead lined, 0 75.

Be Sure to Call and See Us When in Chicago.

GREENHOUSE FITTINGS—ALL 4 INCH.



No. 100.
Return Bend,
Hub Outlet, each, 90c.



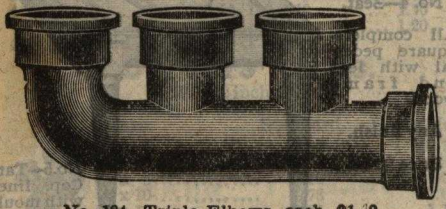
No. 101.
Return Bend,
Spigot Outlet, each, 90c.



No. 102.
Return Bend,
Single Hub,
each, 65c.



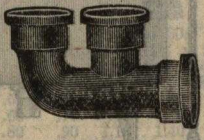
No. 103.
Return Bend,
Double Hub,
each, 75c.



No. 104. Triple Elbows, each, $1.40.



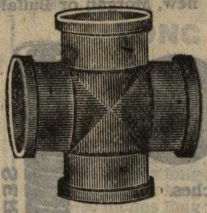
No. 105.
"H" Branch, 3 Hubs,
each, 90c.



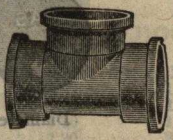
No. 106.
Double Elbows, each, $1.00.



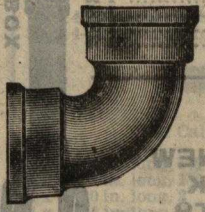
No. 107. 3-Way Branch "T," each, $1.40.



No. 108.
Cross with Hubs, ea., 90c



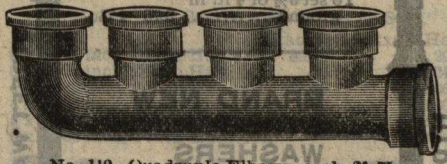
No. 109.
T Branch-Hub Ends, ea., [illegible]c



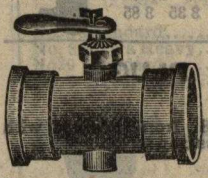
No. 110.
¼-Bend, Double Hub,
each, 50c.



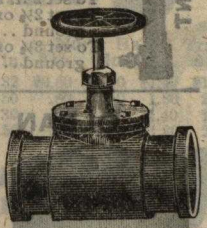
No. 111.
⅛-Bend, Double Hub,
each, 50c.



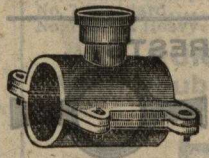
No. 112. Quadruple Elbows, each, $1.75.



No. 113.
Greenhouse Butterfly,
Valve, each, $3.50.



No. 114.
Greenhouse Valve,
each, $6.00.



No. 115.
Pipe Band with Hub
Outlet.



No. 116.
Pipe Bands,
each, 35c.

4x4 inch }
4x3 " } each, [illegible]
4x2 " }

See page 23, Boiler Tubes for Greenhouse Heating.
Write for Special Quotations on Complete Greenhouse Heating Plants.

LEAD PIPE.



We sell our lead pipe practically at cost. The following prices are the prevailing market ones—subject to change.

Prices Are Per Foot, in Cents.

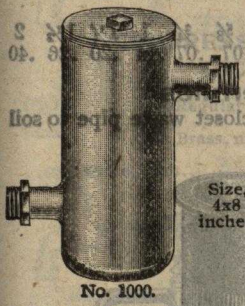
Size	½	⅝	¾	1	1¼	1½	2	4
Acqueduct	..	..	..	..	20	29	29	50
Extra light	..	..	..	..	24	33	37	..
Light	..	..	..	22	29	37	46	..
Medium	..	..	18	21	30	35	45	63	90
Strong	17	23	29	36	43	54	72	..
Extra strong	23	27	33	43	54	68	81	..

SHEET LEAD.



Thickness, in.	1/32	1/16	3/32	1/8	5/32	3/16	7/32	1/4	5/16	3/8	7/16	1/2
Lbs. per sq ft.	2½	3	3½	4	4½	5	6	7	8	9	10	11	12

Price on above, subject to change, is 10c per pound



No. 1000.

Size, 4x8 inches.

BATH TRAPS.

Threaded Bath Traps, with trap screw cover, threaded connections for iron pipe.
Price, 1¼ in. connections....$2.50
Price, 1½ in. connections....$2.75
Extra for covers nickel plated each..... $0.25

REGULAR SHORT BENDS.

10 inch outlet.

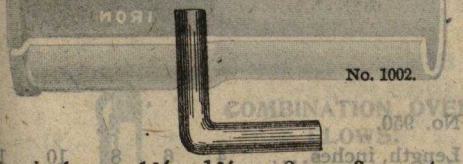


No 1001.

Size, inches	3	4
Price, each	$1.09	$1.50

Extended bends, 12 in. outlets, 3 in., $1.39; 4 in., $1.70
" 15 " " 3 " 1.65; 4 " 2.00

LONG LEAD BENDS.



No. 1002.

Size, inches	1¼	1½	2	3	4
Price, each	$0.30	$0.50	$0.78	$1 39	$1.95

LEAD RUNNING TRAPS.



No. 1003.

Size, inches	1¼	1½	2
Price, each	$0.48	$0.72	$1.13

SHORT LEAD "S" TRAPS.



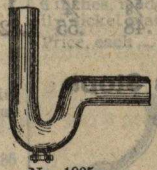
No. 1004.

Size, inches	1¼	1½	2
Price, each	$0.58	$0.90	$1.38

Extra for brass solder Nipple (iron pipe thread) wiped on outlet.

Size, inches	1¼	1½	2
Additional, each	$0.75	$0.90	$1.25

LEAD "P" TRAPS.



No. 1005.

Size, inches	1¼	1½	2
Price, each	$0.51	$0.75	$1.20

Extra for brass solder Nipple (iron pipe thread) wiped on outlet.

Size, inches	1¼	1½	2
Additional, each	$0.75	$0.90	$1.25

LONG LEAD "S" TRAPS.



No. 1006.

Size, inches	1¼	1½	2
Price, each	$0.93	$1.36	$2.00

Extra for brass solder Nipple (iron pipe thread) wiped on outlet.

Size, inches	1¼	1½	2
Additional, each	$0.75	$0.90	$1.25

COMBINATION LEAD BEND AND FERRULE



4 inch
5½ " inlet

No. 1007.

Length of outlet.	Each.
12 inches or less	$2 20
13—14—15	2,50
16—17—18	2.80

Combination Lead and Brass Solder Nipple.



No. 1008.

Length, in.	4	6	8	10	12	14
Size 1¼	$0.35	$0.40	$0.45	$0.50	$0.55	$0.65
" 1½	.42	.55	.60	.65	.75	.85
" 2	.65	.80	.90	.95	1.00	1.15
" 4	1.50	1.75	1.95	2.15	2.30	2.60



COMPRESSION PLAIN BIBBS
FOR LEAD PIPE.

No. 919.

Size, inches	½	⅝	¾	1
Price each, Finished Brass	$0.35	$0.45	$0.60	$1.00
" Nickel Plated	.45	.55	.70	1.15

COMPRESSION HOSE BIBBS
FOR LEAD PIPE.

No. 920.

Size, inches	½	⅝	¾	1
Price each, Finished Brass	$0.40	$0.50	$0.65	$1.05
" Nickel Plated	.50	.60	.75	1.20



No. 920.



No. 921.

COMPRESSION HOSE BIBBS WITH FLANGE
FOR IRON PIPE.

No. 921.

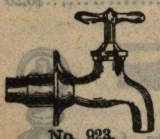
Size, inches	½	⅝	¾	1
Price each, Finished Brass	$0.50	$0.65	$0.75	$1.35
" Nickel Plated	.60	.75	.85	1.50

COMPRESSION PLAIN BIBBS WITH FLANGE
No. 922. FOR IRON PIPE.

Size, inches	½	⅝	¾	1
Price each, Finished Brass	$0.45	$0.60	$0.70	$1.25
" Nickel Plated	.55	.70	.80	1.40



No. 922.



No. 923.

COMPRESSION PLAIN BIBBS WITH FLANGE
No. 923. FOR LEAD PIPE.

Size, inches	½	⅝	¾	1
Price each, Finished Brass	$0.40	$0.55	$0.65	$1.20
" Nickel Plated	.50	.65	.75	1.35

COMPRESSION HOSE BIBBS WITH FLANGE
No. 924. FOR LEAD PIPE.

Size, inches	½	⅝	¾	1
Price each, Finished Brass	$0.45	$0.60	$0.70	$1.25
" Nickel Plated	.55	.70	.80	1.40



No. 924.



No. 925.

COMPRESSION HOSE BIBBS
No. 925. FOR IRON PIPES.

Size, inches	½	⅝	¾	1
Price each, Finished Brass	$0.40	$0.50	$0.60	$1.10
" Nickel Plated	.50	.60	.75	1.25

COMPRESSION PLAIN BIBBS
FOR IRON PIPE.

No. 926.

Size, inches	½	⅝	¾	1
Price each, Finished Brass	$0.35	$0.45	$0.55	$1.00
" Nickel Plated	.45	.55	.70	1.15



No. 926.



FULLER PLAIN BIBBS WITH FLANGE
No. 927. FOR IRON PIPE.

Size, inches	½	⅝	¾	1
Price each, Finished Brass	$0.60	$0.66	$0.82	$1.45
" " Nickel Plated	.70	.76	.92	1.60

FULLER PLAIN BIBBS WITH FLANGE
No. 928. FOR IRON PIPE.

Size, inches	½	⅝	¾	1
Price each, Finished Brass	$0.66	$0.72	$0.88	$1.50
" " Nickel Plated	0.76	.82	.98	1.65

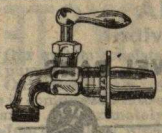




FULLER PLAIN BIBB WITH FLANGE
No. 929. FOR LEAD PIPE

Size, inches	½	⅝	¾	1
Price each, Finished Brass	$0.55	$0.60	$0.75	$1.35
" " Nickel Plated	.65	.70	.85	1.50

Note our Prices on a Bathroom Outfit for $37.50.



No. 930

FULLER HOSE BIBBS WITH FLANGE
FOR LEAD PIPE.

Size, inches	½	⅝	¾	1
Price each, Finished Brass	$0.60	$0.65	$0.80	$1.35
" " Nickel Plated	.70	.75	.90	1.50

FULLER PLAIN BIBBS
FOR LEAD PIPE.

Size, inches	½	⅝	¾	1
Price each, Finished Brass	$0.50	$0.55	$0.70	$1.15
" " Nickel Plated	.60	.65	.80	1.25



No. 931.



No. 932.

FULLER HOSE BIBBS
FOR LEAD PIPE.

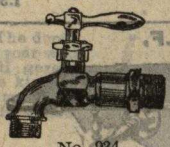
Size, inches	½	⅝	¾	1
Price each, Polished Brass	$0.55	$0.65	$0.75	$1.20
" " Nickel Plated	.65	.75	.85	1.35

FULLER HOSE BIBBS
FOR IRON PIPE.

Size, inches	½	⅝	¾	1
Price each, Finished Brass	$0.60	$0.70	$0.80	$1.35
" " Nickel Plated	.70	.80	.90	1.50



No. 933.



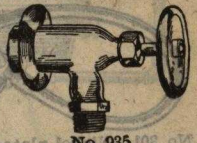
No. 934.

FULLER PLAIN BIBBS
FOR IRON PIPE

Size, inches	½	⅝	¾	1
Price each, Finished Brass	$0.55	$0.65	$0.75	$1.25
" " Nickel Plated	.65	.75	.85	1.40

COMPRESSION SILL COCKS

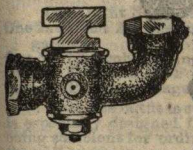
Size, ¾ Price each $0.75



No. 935

HYDRANT COCKS

Size, inches	½	¾	1	1¼
Price each	$0.50	$0.62	$1.05	$1.70



No. 936

HYDRANT CLAMPS

Size, inches	½	¾	1	1¼
Price each	$0.04	$0.05	$0.06	$0.06



No. 941

THREE-WAY BRASS COCKS

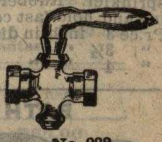
Size, inches	½	¾	1	1¼	1½	2	2½	3
Price each	$0.82	$0.95	$1.20	$1.90	$2.45	$3.50	$5.85	$8.25



No. 937

LEVER HANDLE BRASS STOPS
FOR IRON PIPE

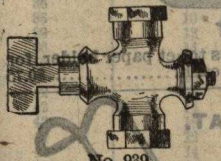
Size, inches	½	¾	1	1¼	1½	2
Price each	$0.36	$0.55	$0.82	$1.25	$1.70	$3.00



No. 938

TEE HANDLE BRASS STOPS
FOR IRON PIPE

Size, inches	½	¾	1	1¼	1½	2
Price each	$0.36	$0.55	$0.82	$1.25	$1.70	$3.00



No. 939

LEVER HANDLE BRASS STOP AND WASTE
FOR IRON PIPE

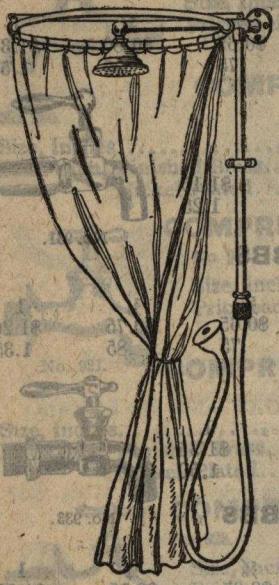
Size, inch	½	¾	1	1¼	1½	2
Price each	$0.40	$0.60	$0.85	$1.35	$1.95	$3.30



No. 940

No. 940½. Tee HANDLE BRASS Stop and Waste Same prices as Lever Handle.

BATH ROOM ACCESSORIES.

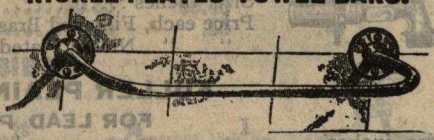


SHOWER BATH.

No. 300. Brand new portable shower bath. Consisting of a brass nickel plated perforated shower with a substantial wall fastening and braced curtain ring, with superior quality rubber curtain and rubber tubing and "hold-fast" connection to attach to bath cock. Complete in every way. Is designed to be placed above tub and when not in use, arranged so curtain can be easily hooked back out of the way.

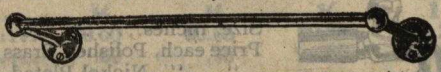
Price, $12.50

NICKEL PLATED TOWEL BARS.



Heavily nickel plated brass towel bars.

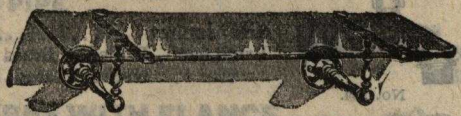
No.	Length	Width	Bar		
305.	15 inches,	3 inches,	⅝-inch,	nickel-plated,	$0.40
306.	18 "	3 "	⅝ "	" "	.45
307.	24 "	3 "	⅝ "	" "	.55
308.	30 "	3 "	⅝ "	" "	.65
309.	36 "	3 "	⅝ "	" "	.75



Heavily nickel plated brass towel bars with cast brass posts to hold same 3 inches from wall.

No.	Length	Width	Bar		
310.	15 inches,	3 inches,	½-inch,	nickel-plated,	$0.80
311.	18 "	3 "	½ "	" "	.85
312.	24 "	3 "	½ "	" "	.90
313.	30 "	3 "	½ "	" "	1.00
314.	36 "	3 "	½ "	" "	1.15
315.	42 "	3 "	½ "	" "	1.30

GLASS SHELF.



No. 316. Plate glass shelf with N. P. brass brackets Size of shelf 24x5 inches. Price.....$4.00

SHOWER RING.



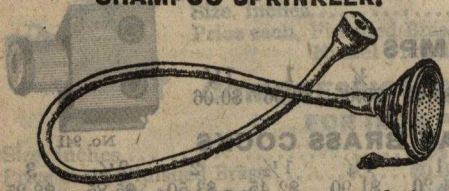
No. 301. Nickel plated brass spray shower ring. 12 in. diameter, with 5 ft. rubber tubing. Price.....$1.25

BATH SOAP DISH.



No. 317. Nickel plated brass soap dish for hanging over rim of bath tub. Price.....$1.00

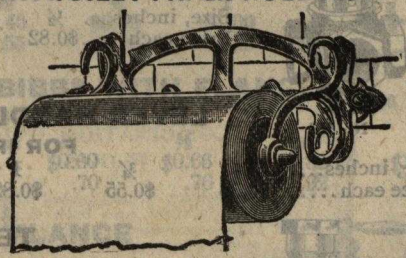
SHAMPOO SPRINKLER.



No. 302. Nickel plated brass perforated shampoo sprinkler. Rubber bound with five feet of rubber tubing and hold-fast connection.

Price 3 inch in diameter.....each, $0.95
" 3½ " " " ..... " 1.10
" 4 " " " ..... " 1.30

TOILET PAPER HOLDER.



No. 318. Nickel plated brass toilet paper holder, for holding paper on rolls. Price each.....$0.75

BATH THERMOMETER.



No. 303. Price.....$0.35

BATH BRUSHES.



No. 304. Nickel plated bath brush with adjustable handle. Price.....$4.75

BATH SEAT.



No. 319. Hard finish oak bath tub seat, with nickel plated adjustable clamps, rubber bound, for hanging over edge of bath tub. Price.....$1.00

Above Trimmings are all High Grade and Brand New.

AIR PRESSURE WATER WORKS SYSTEM

Individual Water Works Plant for Your Home or Farm

Our system consists of a large heavy, air-tight, steel storage tank and a powerful force pump. In the larger system these pumps may be worked by either a windmill or a gasoline engine. We furnish the gasoline engines for this purpose.

OPERATION. A normally empty tank is full of air, and as water is pumped into the bottom of the tank, the air above is compressed into smaller and smaller space, the pressure increasing in proportion to the quantity of water forced into the tank. Approximately with a 60-pound pressure, the tank will be two-thirds full of water and with an 80-pound pressure three-fourths full of water. As faucets are opened, the expansion of this air will force water through the piping and it will flow the same as water from city water works. Water will be delivered a fraction more than two feet in height for every pound pressure in the tank. Of course, as the water is drawn out of this tank, the pressure decreases, because the air has a chance to expand. To overcome this a tank with a sufficient reserve capacity should be used. Starting off with a tank two-thirds full of water, that is, at 60-pound pressure, approximately four-fifths of this amount of water would be delivered by the time the pressure reduces to 10 pounds.

From this tank you could pipe water to your plumbing fixtures, to your heating plant, to your lawn for sprinkling purposes, to your barn and to the pasture lot, in fact, it can be piped anywhere and almost any distance.

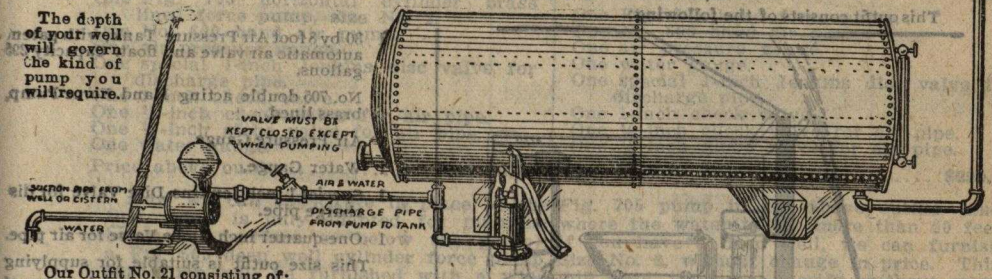
The advantages of this system over an elevated tank are that the tank may be placed in your cellar, or in a pit, and it is thus protected from the elements, from freezing in the winter, and from extreme heat in summer. Another advantage is that water may be piped much higher than with the average elevated tank, a pressure of 50 pounds being equal to a tank elevated 110 feet. With this system a pressure may be maintained that will throw water over any building, and thus provide effective fire protection.

As compared with an attic tank, with our system, there is no danger from leaks, or from settling walls, either of which would crack your plaster.

Water under heavy pressure will absorb some air, and this destroys all animal or vegetable matter in the water, and keeps it remarkably sweet and clean. An evidence of this absorption of air, is that when the water is drawn into a glass it has a whitish color, but this passes off in five or ten seconds in the form of minute bubbles. **This absorption of air** will gradually rob the tank of its air cushion, so that it is necessary to supply fresh air to the tank once or twice a month.

This can be accomplished in two ways. The least expensive is to have a separate hand air pump as shown in our Outfit No. 21, herewith. In connecting this pump it should always be connected as shown in the illustration into the bottom of the tank and never into the air space at the top of the tank. It can be connected with ¼ inch pipe and ¼ inch [illegible] and ¼ inch globe valve between the pump and the tank itself.

THE COST OF [illegible]EM depends on the size of the tank, and on the kind of pump you need.



The depth of your well will govern the kind of pump you will require.

Our Outfit No. 21 consisting of:

One 2nd Hand Air Pressure Tank, capacity approximately 300 gallons.
One No. 705 Double-acting Hand Force Pump, brass lined, new.
One No. 600 Hand Air Force Pump, new.
One Air Pressure Gauge.
One Water Gauge.
One special 1-inch Jenkins Disc Valve for discharge pipe.
One 1 inch Check Valve.
One ¼ inch Globe Valve for air pipe.
One ¼ " Check " " " "

This size outfit is suitable for supplying water to kitchen, bath room and laundry of the average residence. The pump is especially designed for this work, and combines strength with ease of operation, five to ten minutes of pumping per day being sufficient for ordinary requirements. It should be placed not more than 20 feet higher than the level of the water in the well or cistern.

The tank has a total capacity of about 300 gallons, and, deducting the space occupied by air, will deliver 200 gallons of water. It is equipped with a water glass on the tank so that one may easily see the relative amount of air and water in the tank.

Price, outfit complete as above **$65.00**
" " " " " with New Tank **80.00**

If the water line in your well is over 20 feet below the surface you should use our No. 505, Double-acting Anti-freezing, 3-way Force Pump. The upper cylinder of this pump is 2 inches in diameter, and the lower cylinder is 3x10 inches. The lower cylinder can be lowered to the bottom of deep wells, so that it is used as a deep well pump. When we furnish a gasoline engine, we supply these pumps with windmill attachment so that direct connection can be made with the walking beam of the engine.

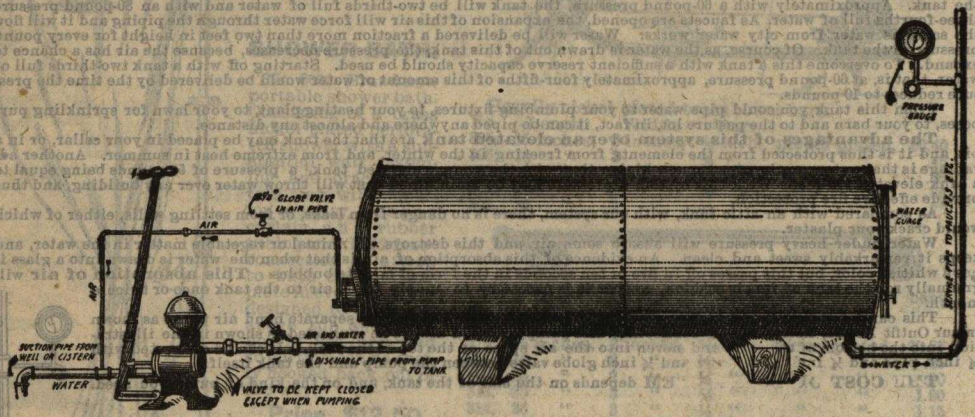
Price of No. 705 Force Pump, special No. 600 Air Force Pump, Pressure Gauge Valves, etc., as listed above..... **$22.50**
Price of Heavy Plain Tanks, both used and new, for air pressure water supply systems. Tested and guaranteed.

Diameter, inches.	Length, feet.	Approximate, weight, lbs.	Capacity, gallons.	Price, used	Price, new.
30	10	770	365	$45.00	$65.00
30	14	1000	515	55.00	80.00
36	8	900	420	50.00	70.00
36	10	1050	525	56.00	80.00
36	12	1200	630	60.00	85.00
36	14	1400	735	65.00	93.00
42	8	1450	575	63.00	87.00
42	10	1650	720	75.00	95.00
42	12	1900	865	80.00	105.00
42	14	2200	1000	85.00	117.00
42	16	2400	1150	100.00	127.50
48	12	2320	1130	100.00	135.00
48	14	2610	1300	110.00	148.00
48	16	2900	1500	120.00	163.50
48	18	3600	1700	130.00	190.00
54	16	4000	2000	150.00	
60	16	4600	2350	225.00	
60	18	5200	2645	250.00	Prices
60	20	5900	2940	275.00	on
72	18	6800	3800	300.00	Application
72	20	7400	4230	325.00	

HAVE RUNNING WATER AND MODERN PLUMBING IN YOUR COUNTRY HOME.

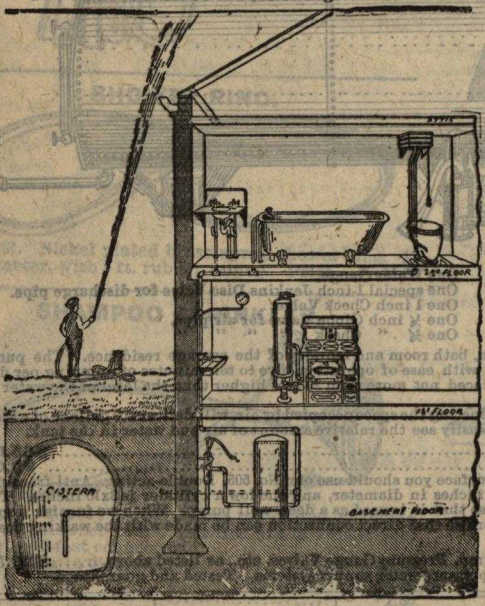
AIR PRESSURE WATER WORKS SYSTEM

FOR SUPPLYING RUNNING WATER FOR COUNTRY HOMES.



OUTFIT NO. 1.

This outfit consists of the following:



1 30 by 8 foot Air Pressure Tank, with patent automatic air valve and float. Capacity 295 gallons.

1 No. 705 double acting Hand Force Pump, brass lined.

1 Air Pressure Gauge.

1 Water Gauge.

1 Special 1-inch Jenkins Disc Valve for discharge pipe.

1 One-quarter inch Globe Valve for air pipe.

This size outfit is suitable for supplying water to kitchen, bath room and laundry of the average residence. The pump is especially designed for this work, and combines strength with ease of operation, five to ten minutes pumping per day being sufficient for ordinary requirements. It should be placed not more than twenty feet higher than the level of the water in the well or cistern.

The tank has a total capacity of 295 gallons, and, deducting the space occupied by air, will deliver 200 gallons of water. It is equipped with our patent air valve which automatically maintains the correct proportion of air in the tank without the use of an air pump.

Price—outfit complete, as above, with Automatic Tank.....$90 00
Price—outfit complete, as above, but with Plain Tank, and with a separate Hand Air Pump..... 80 00

This is one of our most popular outfits. It is guaranteed to develop a pressure of 50 lbs. to the square inch, and to deliver water through pipes to a horizontal distance of one mile, and to a height of 100 feet above the tank. Complete directions for setting up and operating accompany each outfit.

OUTFIT NO. 2.

Same as outfit No. 1, only the tank is 36 inches by 8 feet. Capacity, 425 gallons.

Price complete, Automatic Tank.....$105 00
Price complete, Plain Tank and a separate Air Pump..... 95 00

OUTFIT NO. 3.

Same as outfit No. 1, only the tank is 36 inches by 12 feet. Capacity, 620 gallons.

Price complete, Automatic Tank.....$120 00
Price complete, Plain Tank and a separate Air Pump..... 110 00

We can furnish these outfits with tanks up to 14,000 gallons capacity, and with larger and more powerful pumps.

Prices of the larger size outfits on application.

Ask for our Prices on Wrought Iron—Lap Welded Casing.

Air Pressure Water Supply

OUTFIT No. 5.

This outfit consists of the following:
One new extra heavy tank, built especially for Air Pressure work, tested to 125 lbs. air pressure and guaranteed tight. Tank 42 inches in diameter, 14 feet long, capacity, 1,000 gallons.
One Fig. 705 horizontal cylinder brass lined force pump, size No. 2.
One No. 600 hand air pump.
One air pressure gauge.
One water gauge.
One special 1-inch Jenkins disc valve for discharge pipe.
One 1-inch check valve.
One ¼-inch check valve for air pipe.
One ¼-inch globe valve for air pipe.

Price above outfit.....**$145.00**

OUTFIT No. 6.

This outfit consists of the following:
Tank, 42 inches by 16 ft., capacity, 1,150 gallons, brand new, especially built for Air Pressure work, tested to 125 lbs. air pressure, and guaranteed tight.
One Fig. 705 horizontal cylinder brass lined force pump, size No. 2.
One No. 600 hand air pump.
One air pressure gauge.
One special 1-inch Jenkins disc valve for discharge pipe.
One 1-inch check valve.
One ¼-inch check valve for air pipe.
One ¼-inch globe valve for air pipe.
One water gauge.

Price above outfit.....**$155.00**

OUTFIT No. 7.

This outfit consists of the following:
One 48-inch by 16 ft. tank, capacity, 1,500 gallons, especially built for Air Pressure work, new, tested to 125 lbs. air pressure, and guaranteed tight.
One Fig. 705 hand force pump.
One No. 600 hand air pump.
One air pressure gauge.
One water gauge.
One special 1-inch Jenkins disc valve for discharge pipe.
One 1-inch check valve.
One ¼-inch check valve for air pipe.
One ¼-inch globe valve for air pipe.

Price above outfit.....**$175.00**

OUTFIT No. 8.

Tank 48 inches in diameter, 20 feet long, capacity, 1,880 gallons, especially built for Air Pressure work, tested to 125 lbs. air pressure, and guaranteed tight, brand new.
One Fig. 705 hand force pump.
One No. 600 hand air pump.
One air pressure gauge.
One water gauge.
One special 1-inch Jenkins disc valve for discharge pipe.
One 1-inch check valve.
One ¼-inch check valve for air pipe.
One ¼-inch globe valve for air pipe.

Price above outfit.....**$220.00**

Now we can substitute in place of the Fig. 705 pump in the above outfits (and this pump is only adapted for pumping where the water is not more than 20 feet below the surface or below the pump), if you have a deep well, we can furnish a Fig. 505 deep well cylinder force pump, Size No. 2, without change in price. This 505 pump will be furnished with a wind mill head, if you so specify, without extra charge.

Gasoline Engine Pumping Outfits

We can furnish you a 1½ H.P. gasoline engine with pump, all mounted on the same base. Pump is a high grade pressure pump, and is back geared about 6 to 1. It will pump 30 barrels of water an hour against a pressure of 50 or 60 lbs. The pump is strongly constructed and rigidly attached to the engine. It is driven by the finest quality of machine cut gears, which are so designed as to be very strong, and capable of withstanding the work put upon them without wearing away. The pump piston rod is made of the best Tobin Bronze, especially drawn for this class of work. The piston and removable pump lining are of the hardest bronze. The stuffing box and gland are also of bronze, making all working parts of the pump rust proof. This combined pump and engine is valuable for fire protection to mills, barns, or residences. The engine may be used independent for power purposes. It takes but a few seconds to disconnect the pump. The engine is shipped ready to run, and is supplied with wrenches, oil can, batteries, spark coils, switch and wire to connect batteries. This would be a brand new engine and pump. Substituting this gasoline engine and pump would increase the price of any of the above outfits $100.

If you use a deep well pump, we can furnish the gasoline engine with pump jack instead of with the pump back geared and mounted on the same base, and when so furnished with the pump jack, we would furnish a deep well cylinder pump listed above and the gasoline engine and pump jack, and this would increase the cost of the above outfits **$75.00.**

We can furnish a brand new power air compressor, with heavy balance wheel for either hand or power drive. Wheel has two hand bosses by which the levers can be varied according to pressure required. The outer rim of the balance wheel forms a pulley—30 inches in diameter, 3-inch face. The valves which are contained in the base of the pump, are brass; piston is metal; ring packed. It is capable of a maximum pressure of 100 lbs.; cylinder 3 inches in diameter, 4-inch stroke, has a displacement of 28 cubic inches of free air every revolution of the crank shaft. It is fitted for ½-inch suction and ½-inch discharge pipe.

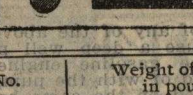
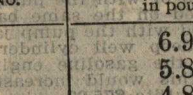
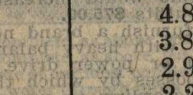
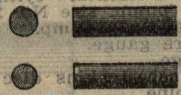
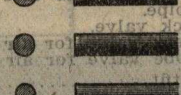
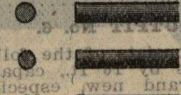
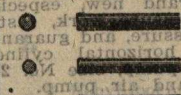
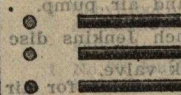
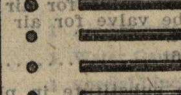
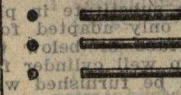
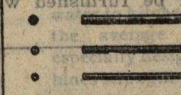
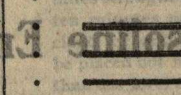
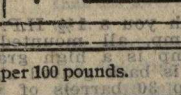
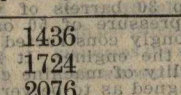
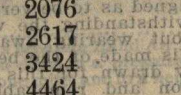
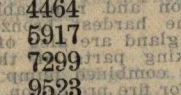
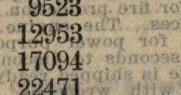
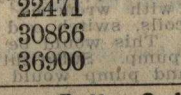
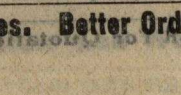
Price .....**$37.00** net extra.
Price of this Air Compressor separate from the outfit **$45.00**

Ask for Quotations on Machinery of all Kinds.

WIRE.

TABLE OF SIZES AND LENGTHS OF IRON AND STEEL WIRE.

We publish herewith cuts and specifications, so that anyone can decide quickly the size and gauge number of wire wanted.

No.	Full Size of the Wire.	Dec'ls of Inch.	Feet in a Pound.
000		.362	2.87
00		.331	3.44
0		.307	4.00
1		.283	4.71
2		.263	5.45
3		.244	6.333
4		.225	7.450
5		.207	8.810
6		.192	10.230
7		.177	12.047
8		.162	14.365
9		.148	17.240
10		.135	20.70
11		.120	26.174
12		.105	34.240
13		.092	44.640
14		.080	59.174
15		.072	72.99
16		.063	95.23
17		.054	129.53
18		.047	170.94
19		.041	224.71
20		.035	308.66
21		.032	369.00
22		.028	483.09
23		.025	606.06
24		.023	714.28
25		.020	943.39
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27		.017	1315.79
28		.016	1492.54
29		.015	1694.91
30		.014	1960.78

Gauge No.	Weight of 100 feet in pounds.	Feet per 100 pounds.	Weight of 1 mile in pounds.
8	6.96	1436	367
9	5.80	1724	306
10	4.83	2076	255
11	3.82	2617	202
12	2.92	3424	154
13	2.24	4464	118
14	1.69	5917	89
15	1.37	7299	72
16	1.05	9523	55
17	.772	12953	41
18	.585	17094	31
19	.445	22471	24
20	.324	30866	
21	.271	36900	

Note Our Low Prices on Staples. Better Order Now.

WIRE! WIRE! WIRE!

Galvanized Wire Shorts

This term is used to denote smooth new wire secured by us under contract from the various wire mills. It is galvanized and extensively used for building fences and many other purposes. It is put up one gauge only in a bale, each containing 100 lbs.

Regular Galvanized Wire Shorts, lengths in a bale ranging anywhere from 15 to 250 feet.

PRICES AS FOLLOWS:

Gauges.	Price, 100 lbs.
9	$1.60
10	1.60
11	1.60
12	1.60
14	1.60
15	1.60
16	1.95
17	1.95
18	2.10
19	2.10

Painted Wire Shorts

The same general description applies to this grade as to the galvanized, the difference being that some of the galvanizing is imperfect, and the wire is, therefore, painted.

It is in two grades.

Gauges.	Price, 100 lbs.
9	$1.45
10	1.45
12	1.25
14	1.25
13	1.35
15	1.35
16	1.60
17	1.60
18	1.75
19	1.75

ANNEALED WIRE

Continuous Lengths

This is plain new wire in continuous lengths 100 lbs. to the bale.

Price per 100 lbs.							
Gauge Nos.	10	11	12	13	14	15	16
	$1.90	1.95	1.95	2.00	2.00	2.10	2.20

BARBED WIRE



Always in stock—Brand new 2 and 4-point Barbed wire. **Quoted subject to market changes.**

Price is either F. O. B. Chicago or Pittsburg, Pa.

Painted, per 100 lbs. $2.35

Galvanized, per 100 lbs. $2.60

Price is on spools of about 100 lbs.

TELEPHONE WIRE

Continuous Lengths

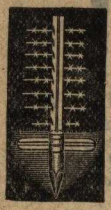
Brand New

We bought at Receiver's Sale 3 Car Loads of High Grade Telephone Wire. 100 lbs. to a coil continuous length. Our stock consists of the following:

Gauge.	Price, 100 lbs.
10	$2.25
11	2.40
12	2.85
14	3.10

IF YOU NEED ANYTHING NOT LISTED—WRITE US.

STEEL FENCE POST.



This cut shows a section of Bruley's Steel Fence Post. The post is 4 feet and upwards above the ground as may be required; it is made of Bessemer steel 1⅜x⅝. The base is made of wrought iron tubing 18 to 36 inches long, with one end pointed. We can also furnish an iron brace 12x3 inches; this is ONLY necessary in wet ground. Weight of post complete, 10 pounds and upwards.

The base is first driven into the ground, then 6 to 12 inches of the post is inserted into it and a little cement is thrown in to fill up the top of the base and keep out the water. There is a cap used while the base is being driven into the ground.

In the post, diagonal notches are cut 4 inches apart, so that any kind of wire or woven fence can be used. After placing the wire in the notches, a slight tap of the hammer will make it rigid.

Corner and end posts are made by placing a piece of 2 by 4 hardwood, from top of corner post to foot of next post and then after stretching the wire, fasten each wire of the fence with staples to the 2 by 4. Temporary posts should be used for wire stretchers.

Ten miles of fence made with this post can be built while the holes for one mile of wooden posts are being dug, thus saving at least 5 cents per post.

As fast as your wood posts rot or burn out, replace them with steel; take a few posts in one hand and a sledge in the other and walk to any part of your farm—no team needed. Repairs once made are good for all time.

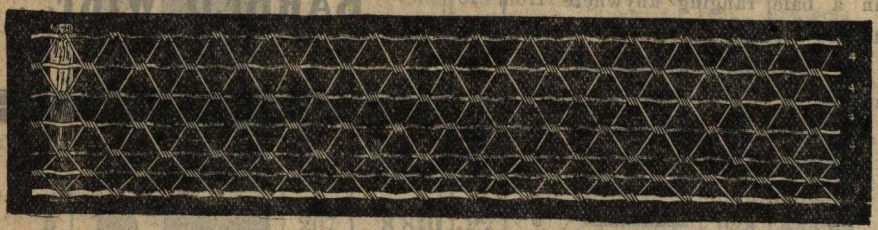
The tube or base being separate from the post is the main feature of this invention; it makes the post absolutely rigid, and the tube being pointed, it is quickly driven.

PRICES AS FOLLOWS. Price is for Post complete with Base.

BASE UNDER GROUND.	LENGTH OF POST ABOVE GROUND.		
	5 Feet	4½ Feet	4 Feet
24 inches	36 Cents	35 Cents	34 Cents
18 inches	33 Cents	32 Cents	31 Cents

Longer Bases can be supplied.

DIAMOND MESH WOVEN WIRE FENCE



FIELD FENCING.

Graduated Diamond Mesh Farm Fencing, the strongest and most durable fence manufactured. Closely woven at the bottom and with sufficient strength at the top as well as the bottom to turn from hogs to cattle. Made of the best grade of steel galvanized wire. Top and bottom wire No. 9, intermediate wire No. 12. Prices as follows:

No. of Rods	Height	Approximate Weight Per Rod	Price Per Rod
40	16 inches	5 lbs.	$0.16
10	20 "	5¾ "	.19
120	21 "	6 "	.21
690	24 "	6½ "	.23
50	30 "	8¼ "	.30
120	36 "	9 "	.35
271	42 "	10½ "	.36
700	48 "	11½ "	.41
80	54 "	12¾ "	.44
40	60 "	13 "	.46

FENCING FROM THE WORLD'S FAIR.

We have the following American Steel & Wire Co.'s Field and Farm Fence for sale.

60 inch, made of No. 12 wire, 11 bars, square mesh fencing in the following lengths:

1 length 600 feet
3 lengths 300 "
2 " 150 "

2 lengths 50 feet
1 length 400 "

4 lengths 250 feet
2 " 100 "

Price, per rod.....48c

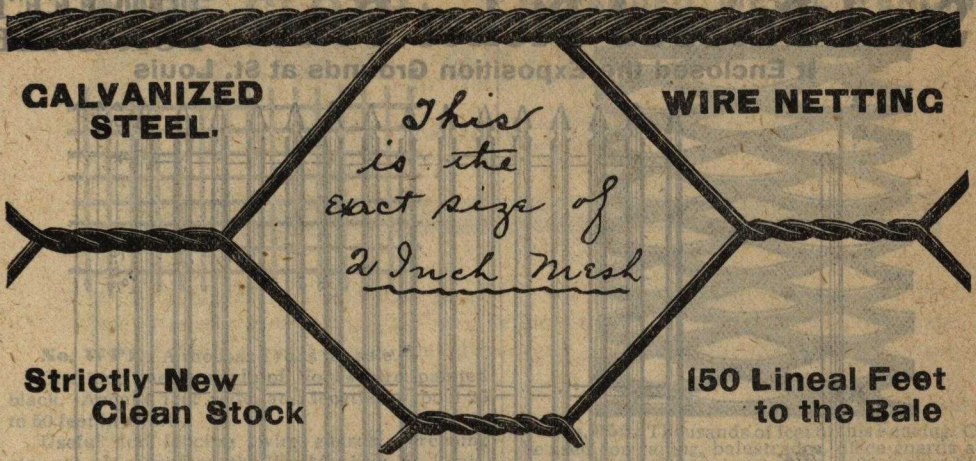
Square Mesh Fencing, 48 inches high, 8 bars in the following lengths:

1 length 520 feet
1 " 640 "
1 " 448 "
3 lengths 140 "
1 length 230 "
1 " 200 "
1 " 130 "
1 " 40 "
1 " 25 "

1 length 510 feet
2 lengths 480 "
3 " 350 "
2 " 330 "
1 length 225 "
1 " 150 "
1 " 100 "
8 lengths 80 "
5 " 20 "

Price, per rod.....35c

Note Our Prices on Staples.



Prices are per Bale.

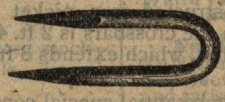
2-INCH MESH.

Width, Inches.	Wire Number (Gauge.) 20	19	18	17	16	15	14
12	$0.60	$0.63	$0.93	$1.42	$1.54	$2.10	$2.75
18	.90	1.06	1.40	1.98	2.31	3.03	4.12
24	1.20	1.43	1.77	2.64	3.08	4.18	5.50
30	1.50	1.79	2.34	3.30	3.85	5.22	6.87
36	1.80	2.14	2.80	3.95	4.62	6.27	8.25
42	2.20	2.50	3.27	4.62	5.40	7.31	9.62
48	2.60	2.86	3 75	5.28	6.16	8.36	11.00
54	2 90	3.22	4.21	5.94	6.93	9.40	12.37
60	3.25	3 57	4.67	6.60	7.70	10.45	13.75
66	3.63	3.95	5.14	7.26	8.47	11.50	15.10
72	3.75	4.29	5 60	7.91	9.24	12.50	16.50
78	4.29	4.65	6.08	8.58	10.00	13.55	18.87
84	4.62	5.00	6 54	9.24	10.78	14.63	19.25
90	4.95	5.36	7.01	9 90	11.55	15.67	20.62
96	5.28	5 75	7.48	10.56	12.32	16.70	22.00

1-INCH MESH.

Width, Inches.	Wire Number (Gauge.) 20	19	18
12	$1 60	$1.92	$2.20
18	2 39	2.89	3.30
24	3.19	3.85	4.40
30	3 99	4.81	5.50
36	4 78	5.77	6.60
42	5.58	6.74	7.70
48	6.38	7.70	8.80

POULTRY NETTING STAPLES.



Put up regularly 100 lbs. to the keg; ¾ or ⅞ inches in length.

5, 10 and 25 lb. boxes, price per lb. $0.04½

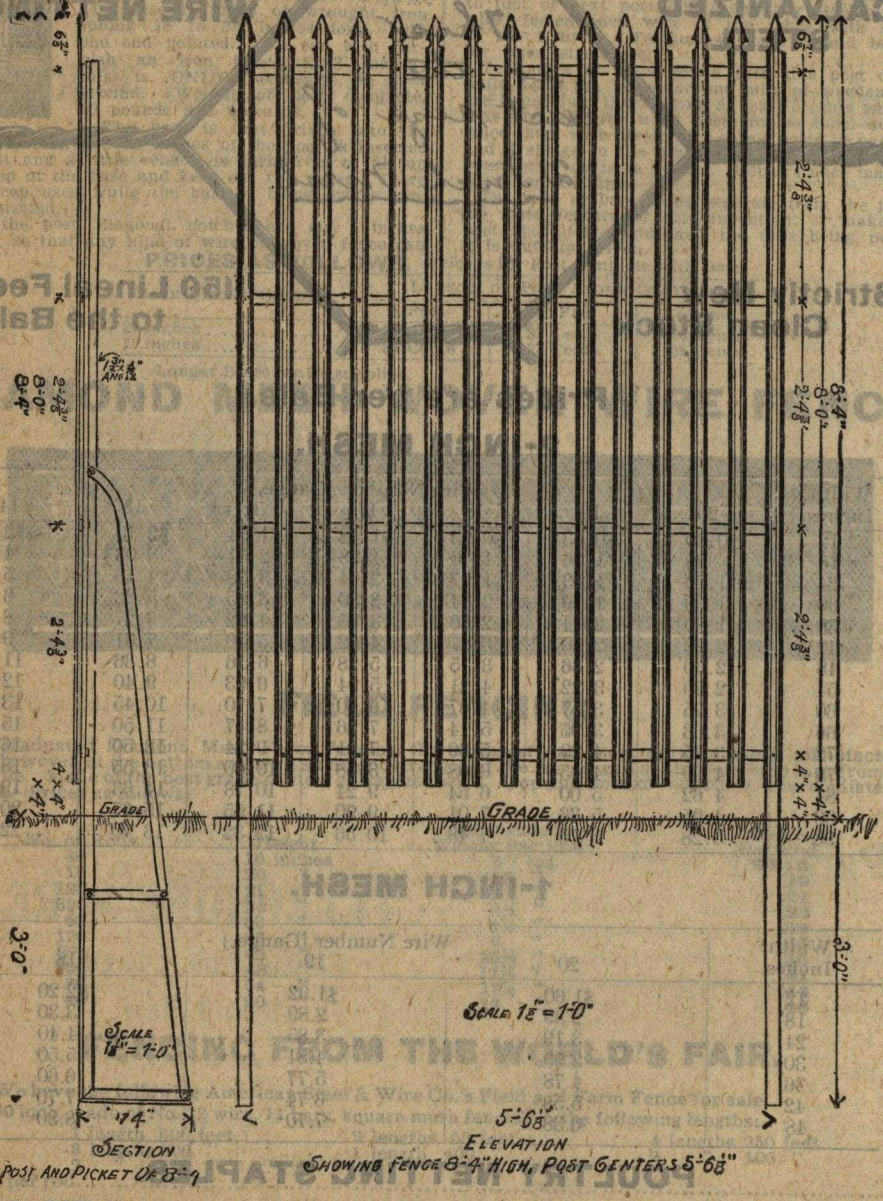
Price per lb. in kegs, 100 lbs. or more ..... .03½

Shipments Prompt and Correct.

Steel Pressed Picket Fence

10,000 FEET FOR SALE

It Enclosed the Exposition Grounds at St. Louis

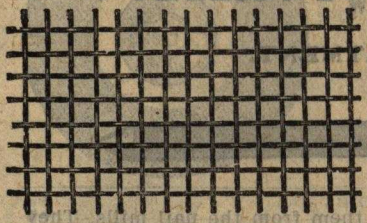


No. 658. 2,000 feet of specially constructed iron picket fencing. It is 8ft. 4 inches in height. The distance between the crossbars is 2 ft. 4½ inches. Every 5½ ft. it has a brace made of angle and flat iron, which extends 3 ft. into the ground. We will sell it in sections.

We also have with these fences, 6 substantial special constructed picket iron gates, one 12 foot, two 10 foot and three 4 foot.

Each gate complete with necessary fittings.

WIRE CLOTH



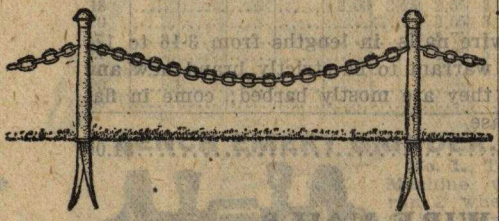
No. WF1. A thousand rolls for sale.

One inch mesh, made of No. 14 wire, painted black. About 5 feet wide, and lengths of about 25 to 50 feet in a roll.

Useful for fencing, wire guards, screening etc., etc. It came from the World's Fair, St. Louis.

Price, per lineal foot.....**$0.10**

LAWN FENCE



10 miles of Fence built by the International Steel Post Company of St. Louis. It is strong, durable and ornamental. The posts are made from sheets of No. 16 gauge steel, cold rolled into taper cylinder, 2¼ inches diameter of top; 3½ inches at the bottom.

No post holes are required. It is driven into the ground. Length over all, 4 feet. Each of these posts has staple for attachment to the iron chain as shown in the illustration.

No. 660. Price each, for the posts.....**$0.25**

No. 661. Price per 100 foot, for chain.....**$4.00**

BALE TIES



No. WF6. Made of carefully selected stock—annealed and painted—250 in a bundle. Length 8 feet 6 inches.

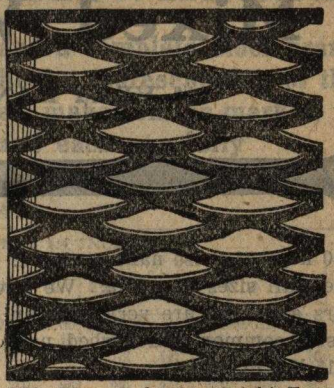
We have them in 14 and 15 gauge wire.

Price per bundle.

No. 14 wire.....**$1.00**

No. 15 wire.....**.90**

EXPANDED METAL FENCING AND GUARDS



No. 659. Thousands of feet of this Fencing. Can be used for railing, balustrades, office guards and hundreds of other purposes. It is 30 inches high, and comes in sections anywhere up to 10 feet.

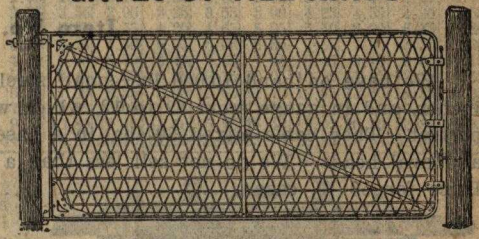
Price per lineal foot.....**$0.14**

Also a quantity of 20 inch high.

Price per lineal foot.....**.10**

Size of mesh of this fencing is 2½ to 4 inch.

GATES OF ALL KINDS



Came from the World's Fair. They are heavy and substantial. The frames are made of high grade "T" steel and covered with a heavy pattern of strong galvanized mesh fencing. Each Gate is complete with hinge and latch. The hinges will fit any good post. Our stock consists of the following:

No. WF2. Lawn or Walk Gates.

Width 58 inches; height 3 feet	each,	$1.50
Width 34 inches; height 4 feet	"	1.50
Width 42 inches; height 4 feet	"	1.60
Width 58 inches; height 5 feet	"	2.00

Approximate weights, 30 to 50 lbs.

No. WF3. Single Drive Gates.

Width 8 feet; height 34 inches	each,	$2.85
Width 8 feet; height 50 inches	"	3.20
Width 10 feet; height 42 inches	"	3.50
Width 12 feet; height 34 inches	"	4.00
Width 12 feet; height 42 inches	"	4.20
Width 12 feet; height 58 inches	"	4.35
Width 14 feet; height 48 inches	"	4.70
Width 14 feet; height 50 inches	"	4.85
Width 16 feet; height 54 inches	"	5.35

Approximate weights, 100 to 140 lbs.

No. WF4. Double Drive Gates.

Width 8 feet; height 42 inches	per pair,	$3.00
Width 10 feet; height 34 inches	"	3.70
Width 10 feet; height 58 inches	"	4.00
Width 12 feet; height 58 inches	"	4.70
Width 14 feet; height 50 inches	"	5.35

Approximate weights, 100 to 150 lbs.

Yankee Gates.

No. WF5. We also have in this lot six (6) YANKEE STEEL GATES. It is the best steel gate manufactured, nothing to get out of order; is simple and satisfactory. These gates are 16 feet 10 inches in width, and are intended for 16 foot gate set post, for the reason that a lap of 5 inches on post is allowed at each end. They are 48 inches in height, built extra strong and weigh approximately 140 lbs.

Price.....each, **$10.00**

Mixed Wire Nails.

A VERY HANDY ASSORTMENT.



2,000 kegs of these nails on hand. We purchased them from the nail mills. They are mixed, all sizes in a keg. We have sold a great many of them during the past few years and they are very popular. The assortment ranges from about 3 to 30d, and mostly common and barbed nails in the assortment. Each keg contains from 100 to 115 lbs. of nails.

Price per single keg.....$1.60
Price per keg in lots of 3 kegs..... 1.55
Price per keg in lots of 5 kegs..... 1.50

SMALL MIXED WIRE NAILS.

Item No. B 14.

We have on hand 10,000 lbs. small steel wire nails, in lengths from 3-16 to 1⅞ inches, and in gauge from 22 to 12, which we warrant to be strictly brand new and perfect. They come mixed 50 lbs. in a case; they are mostly barbed; come in flat and oval heads. We do not sell less than a case.

Price for 50 lb. case.....$1.00

CEMENT COATED WIRE NAILS.

Put up one size to a keg. We bought 10 carloads. They are coated with cement, insuring them against rust, and making the very best grade of wire nails manufactured. One size only in a keg. Can furnish any pennyweight from 2 to 60. Our quotations as follows:

2 to 10D, per keg.....$2.30
10 to 20D, per keg..... 2.15
20 to 30D, per keg..... 2.00
30 to 60D, per keg..... 1.80

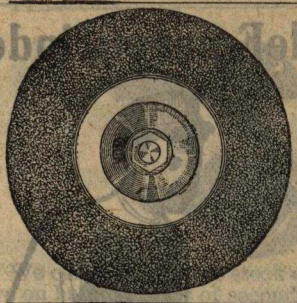
When ordered in lots of five or more kegs at a time, we allow a deduction of 5 cents per keg on above prices.

BRIGHT WIRE NAILS.

One Size Only in a Keg.

3d wire nails, common and fine, per 100 lbs.....$2.70
7d finishing wire nails, per 100 lbs..... 2.25
6d to 12d, common, per 100 lbs..... 2.60
20d to 60d, common, per 100 lbs..... 2.40

See Gasoline Lamps, Manties and Sundries, on Another Page.



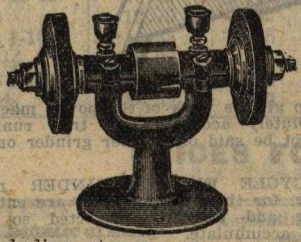
EMERY WHEELS.

We have on hand a complete stock brand New Emery Wheels, representative of the very best makes on the market, and each one fully guaranteed.

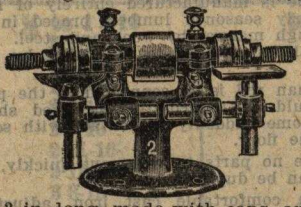
PRICES EACH.

Diameter in Inches	THICKNESS OF WHEELS IN INCHES																	
	¼	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	2	2¼	2½	2¾	3	3¼	3½	4
1	$0.04	$0.04	$0.05	$0.06	$0.06	$0.06	$0.06	$0.07	$0.08	$0.08	$0.09	$0.10	$0.11	$0.12	$0.12	$0.13	$0.14	$0.15
1½	.05	.06	.06	.07	.07	.08	.08	.08	.09	.10	.11	.11	.12	.13	.14	.14	.15	.16
2	.05	.07	.08	.09	.09	.09	.10	.11	.12	.12	.13	.14	.15	.16	.17	.18		
2½	.06	.08	.10	.11	.12	.12	.13	.15	.16	.17	.19	.20	.22	.24	.25	.27	.28	.31
3	.08	.10	.12	.14	.15	.16	.17	.19	.21	.24	.25	.28	.30	.33	.35	.37	.39	.44
3½	.09	.12	.15	.16	.16	.18	.21	.24	.27	.30	.33	.36	.39	.42	.45	.48	.51	.57
4	.12	.15	.17	.18	.20	.22	.24	.28	.31	.36	.39	.43	.46	.51	.54	.59	.61	.69
4½	.14	.17	.19	.21	.23	.25	.28	.33	.37	.42	.45	.51	.55	.60	.65	.70	.75	.82
5	.15	.18	.21	.24	.27	.30	.33	.39	.45	.51	.57	.63	.69	.75	.81	.87	.93	1.05
6	.21	.24	.26	.31	.36	.42	.46	.55	.65	.75	.85	.95	1.05	1.15	1.25	1.35	1.45	1.65
7	.28	.30	.32	.39	.45	.52	.58	.70	.84	.96	1.10	1.20	1.35	1.50	1.60	1.70	1.85	2.10
8	.31	.36	.39	.46	.54	.62	.70	.84	1.00	1.15	1.30	1.45	1.60	1.75	1.90	2.05	2.20	2.50
9	.38	.42	.46	.55	.63	.75	.80	1.00	1.15	1.30	1.50	1.65	1.85	2.00	2.20	2.35	2.55	2.90
10	.45	.50	.55	.65	.75	.85	.95	1.15	1.35	1.55	1.75	1.95	2.15	2.35	2.60	2.80	3.00	3.40
12	.54	.57	.60	.75	.90	1.00	1.10	1.35	1.65	1.90	2.10	2.35	2.60	2.85	3.10	3.40	3.65	4.10
14	.60	.75	.95	1.10	1.30	1.45	1.60	1.90	2.25	2.55	2.90	3.25	3.55	3.90	4.25	4.55	4.90	5.55
16	.....	.....	.....	.....	1.60	1.85	2.05	2.50	2.90	3.35	3.75	4.20	4.65	5.05	5.50	6.00	6.35	7.20
18	.....	.....	.....	.....	2.00	2.25	2.55	3.10	3.70	4.25	4.80	5.35	6.00	6.50	7.05	7.60	8.20	9.30
20	.....	.....	.....	.....	.....	.....	3.05	3.70	4.20	5.05	5.70	6.40	7.05	7.65	8.45	9.10	9.80	11.15
22	.....	.....	.....	.....	.....	.....	3.75	4.65	5.55	6.45	7.35	8.25	9.15	10.05	10.95	11.85	12.75	14.55
24	.....	.....	.....	.....	.....	.....	4.35	5.40	6.45	7.50	8.55	9.60	10.65	11.70	12.75	13.80	14.85	16.95
26	.....	.....	.....	.....	.....	.....	.....	6.45	7.65	8.85	10.05	11.25	12.45	13.65	14.85	16.05	17.25	19.65
30	.....	.....	.....	.....	.....	.....	.....	.....	9.15	10.80	12.45	14.10	15.75	17.40	19.05	20.70	22.35	25.65
36	.....	.....	.....	.....	.....	.....	.....	.....	14.25	16.55	18.90	21.25	23.60	25.90	28.25	30.55	32.85	37.50

BENCH EMERY GRINDER.

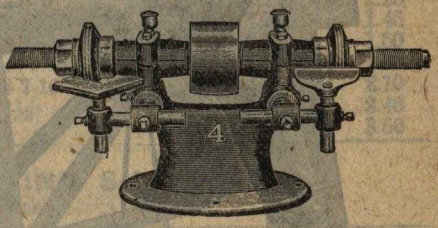


No. 1. This Machine will run 2 wheels 6 in. diameter, 1 in. thick. Has ⅝-in. steel spindle, ½ in. between flanges, pulley 2 in. diameter, 1 ⅜-in. face. Weight, 9 lbs. Price, not including stones **$2.10**



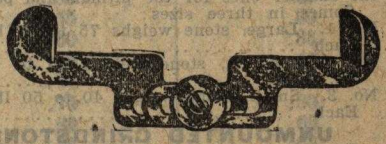
No. 2 Grinder. This Machine was run 2 wheels 10 in. diameter, 1½ in. thick. Has a Steel Spindle ⅞ in. in Bearings, ¾ in. between flanges. The bearings are 2 in. long, made with caps, and are adjustable. Mounted with brass oil cups, pulley, 2¼ in. in diameter, 1¾ in. face. Weight of grinder complete, 20 lbs.
Price, not including stones..... **$4.50**

No. 3 Emery Grinder. Will run 2 wheels 12 in. diameter, 2 in. thick. Has a steel spindle 18 in. long and 1⅛ in. diameter in bearings, 1 in. between flanges. The bearings are 3 in. long, and same style as engine lathe bearings, mounted with brass oil cups. Pulley, 2½ in. diameter, 2¼ in. face. Weight, 40 lbs.
Price, not including stones..... **$6.50**



No. 4 Emery Grinder. Will run 2 wheels 16 in. diameter, 2½ in. thick. Has steel spindle 1 5-16 in. diameter in bearings, 1½ in. between flanges. The bearings are 4 in. long and same style as engine lathe bearings. Mounted with brass oil cups, pulley 4½ in. diameter, 2¾ in. face. Weight, 65 lbs.
Price, not including stones **$8.75**

BICYCLE TOE CLAMPS.



Our Adjustable Safety Clamp is adjustable to any and all sizes of shoes, and hence can be worn by ladies as well as gentlemen. It will not bend or throw out of shape, as it rests against the pedal side and is made of heavy steel.
Price, per pair **$0.07**
Per dozen **0.70**

We have everything in Mill Supplies for sale.

Bicycle Grindstone.

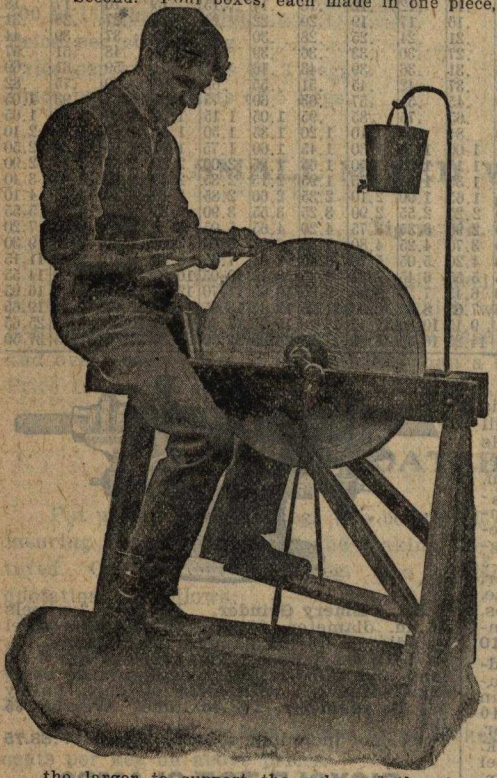
Makes grinding a pleasure. Ball bearing throughout. It is ball bearing, self cleaning and will not get foul. It is scientifically constructed. It is as perfect as a bicycle. One man does the work of two and twice as quick.

The frame is made of 2x4 timber, and is provided with three legs, two of which act as braces. A three-legged implement always stands firmly even on uneven surfaces. The frame is thoroughly braced and bolted together, so that it is very rigid and firm, and is strong enough to support a stone of 500 lbs. or more, and it does not wabble or move from side to side when being pushed with both pedals, because it cannot collapse as other frames do.

The machinery or running gear is made of the best quality of steel and consists of:

First. Two flanges with a portion of the axle and a crank on each, all in one piece, thus rendering it impossible for the different portions to get out of adjustment.

Second. Four boxes, each made in one piece,



the larger to support the axle and the stone, the smaller ones for the pitman and pedals.

Comes in three sizes:

No. 1. Large, stone weighs 75 to 90 lbs. Each $2.75

No. 2. Medium, stone weighs 60 to 75 lbs. Each 2.50

No. 3. Small, stone weighs 40 to 50 lbs. Each 2.25

UNMOUNTED GRINDSTONES

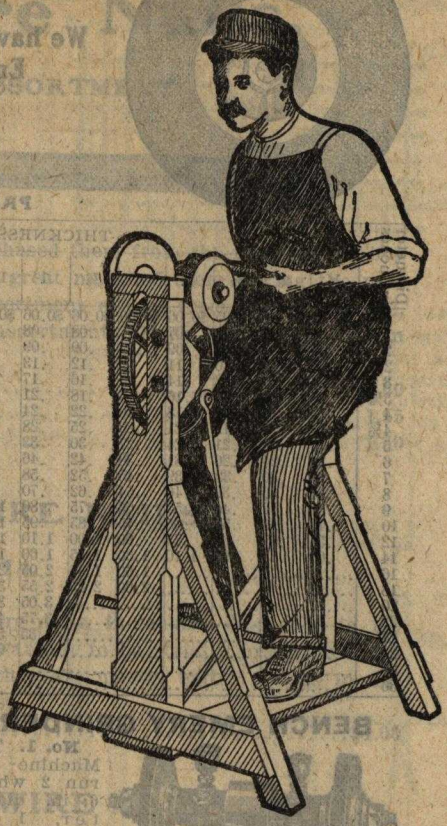
Several Carloads of best Berea, Ohio, unmounted grindstones. Can furnish all sizes. Price, per pound ..... 1¼ cts.

MOUNTED GRINDSTONES

Lot No. 4. 200 grindstones, mounted with common fixtures, not ball-bearing. Medium size stone.

Price, each $1.50

Bicycle Emery Grinder



It will do all the work of the power machine. It is absolutely accurate and true running, which cannot be said of another grinder on the market.

The BICYCLE EMERY GRINDER never needs oiling, for the working parts are entirely ball-bearing and perfectly protected so that dirt cannot accumulate.

The frame is manufactured entirely of first-class properly seasoned lumber, braced in the most thorough manner by wood and steel.

The pedals are hinged to the frame by steel hinges.

The Pitman rod is so connected to the pedal that it would be immediately released should the pedal come suddenly in contact with something on the floor.

There are no parts to wear out quickly, but any part can be duplicated at once.

It has a comfortable cast iron, adjustable seat, properly secured, and in front of the seat the table is provided with an adjustable tool rest. The entire outfit is guaranteed absolutely to give satisfaction, or the machine will be replaced without cost.

Sickles can be ground, saws gummed, skates ground, razors concaved, metal polished, scissors and all kinds of tools sharpened, axes and hatchets can be ground and it will be suitable and very desirable and a money saver for general farm purposes.

Complete Grinding Outfit for $7.00



We carry a complete stock of steel shafting, both new and second-hand. We generally have on hand all sizes of second-hand shafting. It is all straight and true. Prices are for shafts from 2 feet to 24 feet long, inclusive; on lengths longer than 24 feet we charge ½ cent net per lb. extra.

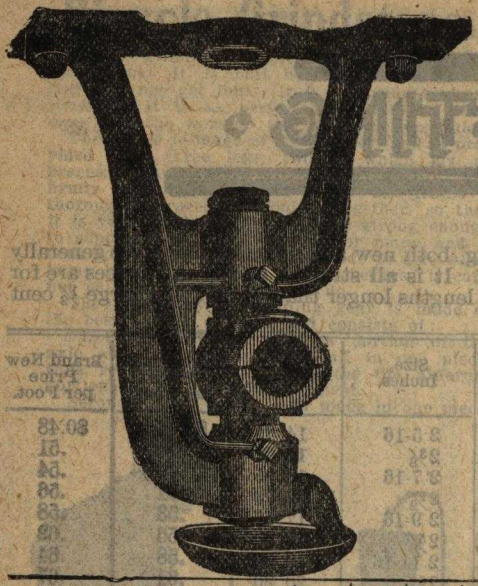
Size, Inches.	Weight per Foot.	Second hand Price per Foot.	Brand New Price per Foot.	Size, Inches.	Weight per Foot.	Second hand Price per Foot.	Brand New Price per Foot.
⅞	2.03	$0.06½	$0.07	2 5-16	14.35	$0.44	$0.48
15-16	2.84	.08	.09	2⅜	15.07	.46	.51
1	2.68	.09	.10	2 7-16	15.90	.49	.54
1 1-16	3.00	.10	.11	2½	27.70	.51	.56
1⅛	3.38	.11½	.13	2 9-16	17.55	.53	.58
1 3-16	3.77	.12½	.14	2⅝	18.40	.56	.62
1¼	4.17	.14	.15½	2 11-16	19.30	.58	.64
1 5-16	4.60	.15½	.17	2¾	20.20	.61	.67
1⅜	5.05	.16½	.18	2 13-16	21.15	.64	.70
1 7-16	5.52	.18½	.20	2⅞	22.10	.67	.73
1½	6.00	.19	.21	2 15-16	23.06	.70	.77
1 9-16	6.52	.20	.22	3	24.05	.73	.80
1⅝	7.06	.21	.23	3 1-16	25.07	.82	.90
111-16	7.61	.23	.25	3¼	28.22	.92	1.00
1¾	8.18	.25	.28	3 5-16	29.42	.96	1.05
1 13-16	8.78	.26	.29	3 7-16	31.58	1.05	1.15
1⅞	9.39	.28	.31	3 9-16	33.96	1.14	1.25
1 15-16	10.00	.30	.33	3 13-16	38.66	1.30	1.45
2	10.70	.32	.35	3 15-16	41.04	1.37	1.50
2 1-16	11.35	.35	.38	4	42.75	1.52	1.65
2⅛	12.07	.37	.41	4 7-16	52.62	1.90	2.10
2 3-16	12.80	.39	.43	4½	54.11	2.16	2.40
2¼	13.52	.42	.46	5	67.50	3.00	3.50

PRICES FOR KEYSEATING SHAFTING

New or Second-Hand

Diameter of shaft.	Keyseating for coupling each end.	Keyseat one foot long or less.	For each additional foot or fraction of it.
⅞ to 1 3-16	$0.25	$0.30	$0.20
1 7-16	.25	.30	.20
1 11-16	.30	.35	.25
1 15-16	.30	.40	.25
2 3-16	.30	.45	.25
2 7-16	.35	.50	.25
2 11-16	.40	.55	.30
2 15-16	.40	.55	.30
3 3-16	.45	.60	.35
3 7-16	.45	.65	.45
3 11-16	.50	.70	.50
3 15-16	.55	.75	.60
4 3-16	.55	.80	.60
4 7-16	.60	.85	.65
4 11-16	.60	.90	.70
4 15-16	.70	1.10	.80
5	.75	1.25	.90

In ordering second-hand shafting or couplings, it may save unavoidable delays if you will give us privilege of sending new goods, charging for the difference, provided we have not size wanted in the second-hand.



HANGERS

We have all kinds of Hangers, both new and second hand. Write us if in need of some particular kind.

BRAND NEW ADJUSTABLE BALL AND SOCKET DROP HANGERS, STANDARD BEARINGS, SINGLE BRACE.

We guarantee them in every way. They are absolutely the best goods on the market.

DROP IN INCHES.

Size of Shaft.	8	10	12	14	16	18	20	24	30	36
1 3-16 and 1 1-4	$1.40	$1.45	$1.55	$1.60	$1.65	$ 1.80	$ 1.95			
1 7-16 " 1 1-2	1.60	1.65	1.70	1.80	1.85	1.95	2.15			
1 11-16 " 1 3-4	1.65	1.70	1.75	1.85	1.95	2.00	2.20			
1 15-16 " 2	2.20	2.40	2.45	2.55	2.70	2.75	2.90	$ 3.20		
2 3-16 " 2 1-4	2.85	3.00	3.05	3.20	3.40	3.55	3.85	4.55	$ 5.25	
2 7-16 " 2 1-2	3.10	3.20	3.25	3.40	3.65	3.80	4.10	4.60	5.55	
2 11-16 " 2 3-4	3.50	3.65	3.80	3.95	4.40	4.75	5 10	5.95	6.65	$ 7.00
2 15-16 " 3	4.20	4.35	4.55	4.65	5.05	5.45	5.80	6.65	7.35	7.50
3 3-16 " 3 1-4			5.60	5.70	6.00	6.50	7.25	8.25	9.35	9.90
3 7-16 " 3 1-2			5.70	5.80	6.15	6.65	7.35	8.40	9.45	10.00
3 11-16 " 3 3-4			7.25	8.65	8.15	8.95	9.60	11.45	12.60	14.35
3 15-16 " 4			8.75	9.00	9.80	10.00	10.80	12.60	13.80	15.40

SECOND HAND DROP HANGERS.

These second-hand hangers are in good condition. In ordering them please state whether you will allow us privilege of substituting new hangers, charging you for the difference providing we our out of kind ordered.

DROP IN INCHES

Size of Shaft.	8	10	12	14	16	18	20	24	30	36
1 3-16 and 1 1-4	$1.10	$1.15	$1.20	$1.25	$1.30	$1.40	$1.50			
1 7-16 " 1 1-2	1.25	1.30	1.35	1.40	1.45	1.50	1.60			
1 11-16 " 1 3-4	1.30	1.35	1.40	1.45	1.50	1.55	1.65			
1 15-16 " 2	1.70	1.75	1.85	1.90	2.00	2.10	2.15	$2.45		
2 3-16 " 2 1-4	2.20	2.25	2.30	2.45	2.55	2.75	2.95	3.50	$ 4.00	
2 7-16 " 2 1-2	2.35	2.40	2.45	2.50	2.80	2.90	3.20	3.65	4.30	
2 11-16 " 2 3-4	2.70	2.80	3.00	3.10	3.35	3.75	4.20	4.50	5.10	$ 5.40
2 15-16 " 3	3.20	3.30	3.50	3.60	3.80	4.15	4.45	5.10	5.60	6.00
3 3-16 " 3 1-4			4.30	4.40	4.50	5.00	5.50	6.25	7.25	7.80
3 7-16 " 3 1-2			4.40	4.60	4.70	5.10	5.60	6.50	7.30	7.90
3 11-16 " 3 3-4			5.90	6.75	6.80	7.00	7.65	8.75	9.00	11.00
3 15-16 " 4			6.75	7.00	7.50	7.80	8.10	9.00	10.75	12.00

We have anything you need in mill supplies.

MISCELLANEOUS—Continued.



BALANCE WHEELS.

We invite inquiries for anything in the way of balance wheels. We have upwards of a hundred in stock now, of which the following is an extract:

No. 1412. 48x26 heavy balance wheel, 4½ in. bore, double spoke, 1 in. rim, 10 ton counter balance weights for elevator...

No. 3053. One split balance wheel, 50 in. dia., 8 in. face, thickness of metal 4½ in....

No. 3162. One balance wheel 34 in. dia., 1¾ in. shaft, weight about 125 lbs..... 2.00

No. 3181. One balance wheel 26 in. dia., square rim 2½x3..... 4.50

No. 3194. One solid web round rim balance wheel 28 in. dia., weight about 300 lbs..... 6.00

No. 3199. One balance wheel 24 in. dia., solid web, square rim..... 5.00

No. 3200. One heavy balance wheel, square rim, 15 in. dia. x 3 in. face 1.50

No. 3488. One heavy solid balance wheel, 56 in. dia. x 6 in. face, weight about 4,000 lbs.....

No. 3077. One shrouded pulley 30 in. dia. x 14 in. face.....

No. 3133. One shrouded pulley 26x 3½ 1.50

No. 3480. One Champion oil separator.....

No. 3484. One oil separator, 1½ in. opening.

No. X-93. One Worthington water meter, with 1½ in. opening.....

No. 3397. One American Tool Works 5 ft. semi-universal radial drill.....

No. 3443. One Walter A. Wood reaper; will take a knife or sickle 48 in. long.....

No. M-125. One pug mill or brick machine, not complete. WRITE FOR PARTICULARS.

No. 3367. One power meat cutter with 4 knives, automatic turning table, two pulleys, all complete.....

No. M-122. Pile driver hammers, 1,000 to 2,000 lbs. in weight.....

No. M-123. 3,000 6 in. galvanized flange pipe, adapted for irrigating purposes. Per foot..... .18

No. M-124. Lot of wrought iron pipe goose necks .....

No. M-126. 1,000 ft. of 1¼ in. and 1½ in. hydraulic pipe good for 10,000 lbs. pressure .....

No. M-131. 5,000 ft. of 3 in. (slip joints) spiral riveted pipe, 22 gauge iron. Per ft..... .06

No. M-127. One 40 in. cast iron hitching post, weight about 100 lbs. 2.00

No. 3210. Two heavy fly wheels, 46 in. dia., heavy square rim 3x5 in., 6 spokes, bored 3 7-16 in. (Can be bushed or bored.) Weight 1,000 lbs.....

SECOND HAND SMOKE STACKS.

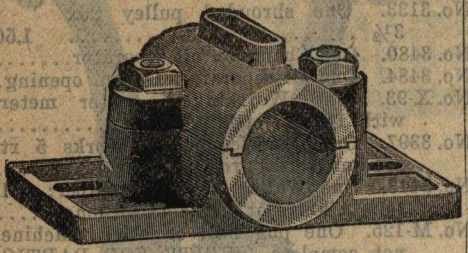
The following list represents what we have for sale at the present time in the way of first-class smoke stacks that have seen some service, but are in good condition for further use.

Lot No.	Diam., Inches.	Gauge No.	Length, Feet.	Price for Stack.
1	12	12	56	$ 45 00
2	16	14	16	12.00
3	16	16	70	38.00
4	15	14	15	11.00
5	24	14	9	8 50
6	30	12	6	7 00
7	32	12	74	109.00
8	33	12	42	58.00
9	35	10	16	82.00
10	36	12	86	120.00
11	37	10	36½	73.00
12	37½	12	14	20 00
13	45	3-16	44	125.00
14	49½	10	32	90.00
15	50	3-16	37	110.00
16	60	3-16	7½	28.00
17	28	14	50	50.00
18	30	12	60	75.00
19	32	10	50	100.00
20	24	14	40	35.00
21	24	12	30	29.00
22	24	12	40	39.00
23	24	12	50	48.00
24	22	14	40	32.00
25	22	14	30	24.00
26	22	12	45	43.00
27	20	16	35	17.00
28	20	14	50	37.00
29	20	12	60	58.00
30	15	12	30	24.00
31	10	16	30	12.00
32	10	16	20	8.00
33	12	16	30	12.00
34	12	14	30	18.00
35	12	12	50	38.00
36	14	16	25	10.00
37	14	14	40	25.00
38	16	10	20	22.00
39	40	12	50	90.00
40	40	12	75	120.00
41	40	10	60	140.00
42	40	10	35	82.00
43	48	10	25	65.00
44	48	10	60	175.00

We furnish these stacks complete with galvanized wire rope for guys. Rivets are all in good condition and have been re-riveted wherever necessary.

RIGID PILLOW BLOCKS.

Brand New. Superior in Construction and Material.

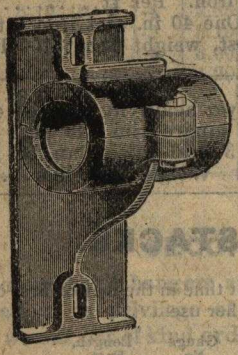


Always on hand a complete stock of New Plain Rigid Pillow Blocks. They are babbitted. Heavy and suitable for all ordinary work.

Size of Shaft.	Price Each.
15-16 inch	$0.46
1 inch	.50
1 3-16 inch	.56
1 7-16 inch	.70
1½ inch	.75
1 11-16 inch	.90
1 15-16 inch	1.15
2 inch	1.20
2 3-16 inch	1.40
2 7-16 inch	1.75
2 11-16 inch	2.10
2 15-16 inch	2.70
3 inch	2.85
3 3-16 inch	3.15

BRAND NEW

RIGID POST BLOCKS.

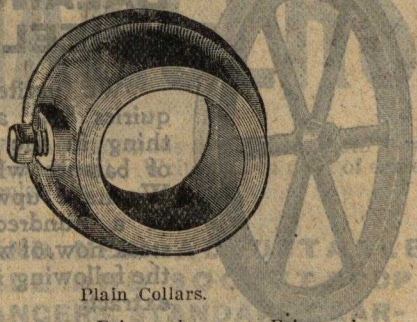


We carry a complete stock of all sizes in Brand New Babbitted Rigid Post Boxes.

Size of Shaft.	Price Each.
15-16 inch	$0.95
1 inch	1.00
1 3-16 inch	1.10
1 7-16 inch	1.20
1 11-16 inch	1.40
1 15-16 inch	1.75
2 3-16 inch	2.00
2 7-16 inch	2.40
2 11-16 inch	2.95
2 15-16 inch	3.50
3 3-16 inch	3.75
3 7-16 inch	5.40
3 11-16 inch	6.00
3 15-16 inch	7.00
4 3-16 inch	8.00
4 7-16 inch	8.50
4 11-16 inch	10.00
4 15-16 inch	12.00

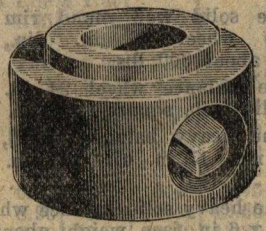
Plain and Safety Set Collars.

All New and Perfect.



Plain Collars.

Size.	Price each, Plain.	Price each, Safety.
⅞	$0.19	$0.21
15-16	.20	.22
1	.24	.26
13-16	.24	.26
17-16	.30	.33
1½	.31	.34
1 11-16	.36	.40
1 15-16	.42	.46
2	.42	.46
2 3-16	.48	.53
2 7-16	.54	.60



Safety Collars.

Size.	Price each, Plain.	Price each, Safety.
2 11-16	$0.63	$0.70
2 15-16	.72	.80
3	.72	.80
3 3-16	.81	.90
3 7-16	.90	1.00
3 11-16	.99	1.10
3 15-16	1.10	1.20
4	1.10	1.20
4 7-16	1.45	1.60
4½	1.50	1.65
5	1.75	1.95

GEARS.

We have all kinds of Gears, second-hand but



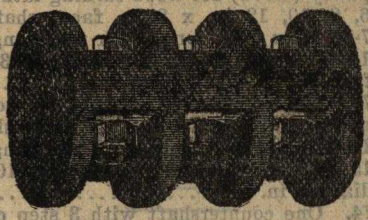
in first-class condition. Further information on application.

ALL GOODS SUBJECT TO PRIOR SALE.

Couplings for Shafting

WE HAVE ALL KINDS, BOTH NEW AND SECOND-HAND. WRITE US FOR ANY NOT LISTED.

RIBBED COMPRESSION COUPLINGS.



Second-Hand—that we get from the different manufacturing plants we purchase. We also have other kinds. Write us.

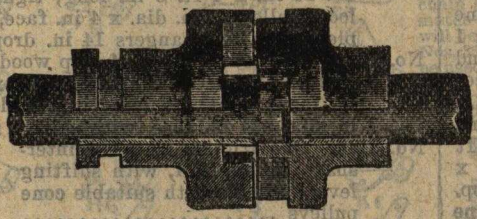
Diam. of shaft.	Price, each.	Diam. of shaft.	Price, each.
1 3/16	$2.00	2 11/16	$ 4.65
1 7/16	2.25	2 15/16	6.00
1 11/16	2.60	3 3/16	7.25
1 15/16	2.75	3 7/16	8.75
2 3/16	3.25	3 11/16	10.50
2 7/16	4.00	3 15/16	12.00

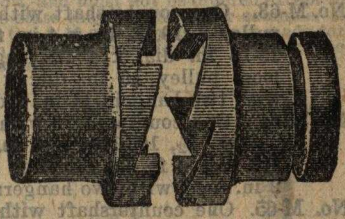
Sizes not listed quoted on application.

BRAND NEW RIBBED COMPRESSION COUPLINGS.

Size of shaft.	Price, each.	Size of shaft.	Price, each.	Size of shaft.	Price, each.
1 3/16	$2.25	2 3/16	$4.05	3 7/16	$10.00
1 5/16	2.45	2 7/16	4.75	3 11/16	12.00
1 7/16	2.50	2 11/16	5.30	3 15/16	13.50
1 11/16	3.15	2 15/16	6.50	4 3/16	16.00
1 15/16	3.25	3 3/16	8.00	4 7/16	18.00

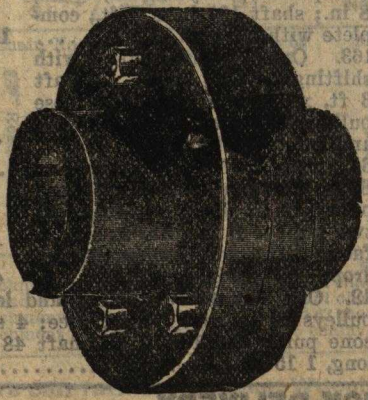
BRAND NEW JAW CLUTCH COUPLINGS.





Finished all over and Jaws planed. State whether right or left hand is wanted. Also state whether Spiral or Square Jaw is wanted. Prices quoted are without clutch bands and levers.

Diam. of shaft.	Price, per pair.	Diam. of shaft.	Price, per pair.	Diam. of shaft.	Price, per pair
1 5/16	$2.50	2 3/16	$ 6.00	3 15/16	$13.50
1 3/16	3.00	2 7/16	7.00	4 7/16	16.00
1 7/16	3.75	2 11/16	7.85	4 15/16	18.75
1 11/16	4.50	2 15/16	8.80	5 7/16	22.00
1 15/16	5.25	3 7/16	11.00	5 15/16	25.00

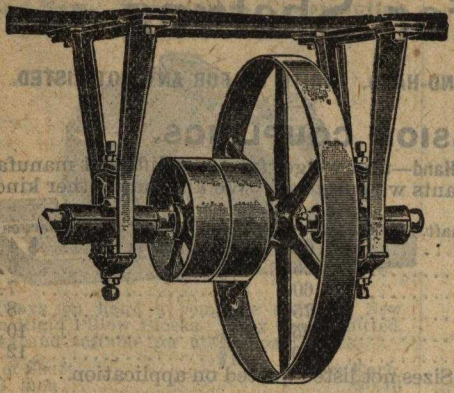


FLANGE OR PLATE COUPLINGS.

All kinds—new or second-hand. Prices on application.

In ordering second-hand shafting or couplings, it may save unavoidable delays if you will give us privilege of sending new goods, charging for the difference, provided we have not size wanted in the second-hand.

COUNTERSHAFTS.



Always on hand, any quantity of good second-hand countershafts. Write for size you want. The following is from a recent inventory of our stock.

No. M-62. One countershaft with 3 step cone pulley, 10, 15, 20 in. x 5 in. face; shaft 2 3-16 in. x 6 ft. long; tight and loose pulley 20 in. dia. x 6 in. face; two hangers 14 in. drop.....

No. M-63. One countershaft with 3 step cone pulley 8, 10, 12 in. x 4 in. face; shaft 1 15-16 in. dia. x 4 ft. long; tight and loose pulley 16 in. dia. x 4 in. face; with two hangers 14 in. drop.....

No. M-64. One countershaft with 3 step cone pulley 7½, 10, 12½ x 3 in. face; shaft 1 3-16 x 4 ft. long; pulley 16 in. dia. x 2 in. face, with two hangers 10 in. drop.

No. M-65. One countershaft with 3 step cone pulley 7, 10½, 13 in. x 3 in. face; shaft 1 7-16 in. x 5 ft. long; tight and loose pulley 16 in. dia. x 3 in. face, with two hangers 12 in. drop.....

No. M-66. One countershaft with 5 step cone pulley 6, 8, 10, 12, 14 in. x 2 in. face; shaft 1 5-16 in. x 5 ft. long; two hangers 14 in. drop; tight and loose pulley 10 x 3.....

No. M-67. One countershaft with 4 step cone pulley 2, 4, 6, 8 in. x 1½ in. face; shaft 1 3-16 in. x 5 ft. long, with two hangers 14 in. drop; tight and loose pulley 10 x 3.....

No. M-68. One countershaft with 4 step cone pulley 4, 6, 8, 10 in. x 2½ in. face; shaft 1 7-16 in. x 5 ft. long; tight and loose pulley 8 in. dia. x 4 in. face, with two hangers 14 in. drop.....

No. M-69. One countershaft with 4 step cone pulley 2, 4, 6, 8 in. x 1½ in. face; shaft 1 3-16 in. x 3 ft. long; tight and loose pulley 6 in. dia. x 3 in. face; two hangers 8 in. drop.....

No. M-70. One countershaft with 3 step cone pulley 2, 4, 6 x 1½ in. face; shaft 1 3-16 in. x 3 ft. long; tight and loose pulley 6 in. dia. x 3 in. face, with two hangers 8 in. drop.....

No. M-71. One countershaft with 4 step cone pulley 10, 14, 18, 22 in. x 3 in. face; shaft 2 3-16 in. dia. x 6 ft. long; tight and loose pulley 16 in. dia. x 6 in. face, with two hangers 16 in. drop.....

No. M-72. One countershaft with 5 step cone pulley (wood) for wood turning lathe, 4, 6, 8, 10, 12 in. x 2 in. face; shaft 1 7-16 in. x 5 ft. long, with two hangers 14 in. drop; pulley 10 in. dia. x 3 in. face.....

No. M-73. One countershaft with 3 step cone pulley 8, 10, 12 in. x 3 in. face; shaft 1 15-16 in. x 5 ft. long, with two hangers 15 in. drop; tight and loose pulley 10 in. dia. x 5 in. face.....

No. M-74. One countershaft with 3 step cone pulley 8, 10, 12 in. x 3 in. face; shaft 1 15-16 in. x 5 ft. long; tight and loose pulley 10 in. dia. x 5 ft. face, with two hangers 14 in. drop.....

No. M-75. One countershaft with 5 step cone pulley 4, 6, 8, 10 and 12 in. x 2½ in. face; shaft 1 9-16 in. x 5 ft. long; tight and loose pulley 14 in. dia. x 4 in. face, with two hangers 14 in. drop.....

No. M-76. One countershaft with 4 step cone pulley 6, 8, 10, 12 in. x 2 in. face; shaft 1 7-16 in. x 4 ft. 6 in. long; tight and loose pulley 12 in. dia. x 4 in. face, complete with two hangers 14 in. drop....

No. 3129. One countershaft, 4 step wood cone pulleys 12 in., 10 in., 8 in., 6 in. x 2½ in. face; tight and loose iron pulleys 9 in. dia. x 4 in. face, with shifter rod..

No. 3144. One friction clutch countershaft pulley 14x4, with shifting lever; will fit with suitable cone pulleys 12.00

No. 3147. One countershaft with tight and loose pulleys 18 in. dia. x 8 in. face; 5 step cone 17 in., 15 in., 13 in., 11 in., 9 in., with two hangers and shaft 7 ft. x 2 in.. 12.00

No. 3149. One clutch countershaft, complete with tight and loose pulleys 14 in. dia. x 4¼ in. face, 3 step cone pulleys 12 in., 10 in., 8 in.; shaft 1⅝ in. x 5 ft., complete with hangers..... 15.00

No. 3163. One countershaft with shifting device; length of shaft 3 ft. x 1¾ in.; tight and loose pulleys 18x4, with two hangers and safety collars..... 7.50

No. 3164. Same as No. 3163.....

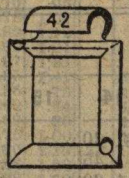
No. 3185. One countershaft with one pulley 16 in. dia. x 4½ in. face; two pulleys 8 in. dia. x 4¼ in. face, with two hangers 12 in. drop; shaft 48 in. long..... 4.00

No. 3212. One countershaft, tight and loose pulleys 20 in. dia. x 6 in. face; 4 step cone pulley 20, 16, 10, 6; shaft 48 in. long, 1 15-16.....

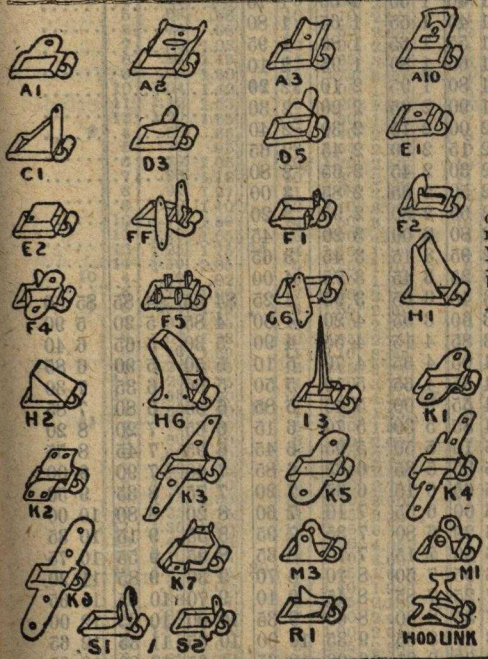
ALL MATERIAL IS FOR QUICK DELIVERY.

Link Chain Belting.

For use on mowers, reapers, binders, corn and wheat drills, corn shellers, straw stackers, feed cutters, traction engines, etc. When ordering chain for repairs, be sure and give number of chain; also lay one link on paper and mark around with pencil, showing size and shape of links.



No.	Links per ft.	Working Strain.	Approximate in Leather Belting.	Price per ft.
25	13.3	75 lb.	1 in. Single	$0.08
32	10.4	150 lb.	1¼ in. Single	.08
33	8.6	200 lb.	2 in. Single	.08
34	8.6	225 lb.	2¼ in. Single	.08
35	7.4	250 lb.	2½ in. Single	.08
42	8.8	300 lb.	3 in. Single	.09
45	7.4	350 lb.	3½ in. Single	.09
51	10.4	375 lb.	3½ in. Single	.13
52	8.	400 lb.	4 in. Single	.14
55	7.4	450 lb.	4 in. Single	.14
57	5.2	600 lb.	6 in. Single	.15
62	7.3	650 lb.	6½ in. Single	.18
66	6.	700 lb.	6½ in. Single	.18
67	5.2	700 lb.	7 in. Single	.18
75	4.6	750 lb.	7¼ in. Single	.21



Attachment Links for Chain Belting.

These Attachment Links are made to fit the sizes of chain as listed below, and must not be ordered except to match the sizes we state they will fit. For example, it will be noticed that the A 10 attachment is only made for Nos. 35 and 45 chain, and must not therefore be ordered to be used on any other size.

Chain	No. 25	No. 32	No. 33
Read down.	A 3	A 1	A 1
	C 1	A 3	D 3
	D 3	C 1	E 1
	E 1	D 3	K 1
	H 2	E 1	K 3
	K 1	K 1	K 5
	K 5	K 3	K 6
	K 6	K 6	M 1
	M 1		S 1
	S 1		

Chain	No. 34	No. 35	No. 42
	A 1	A 1	A 1
	E 1	A 2	C 1
	K 1	A 10	K 3
		C 1	K 5
		C 2	K 6
		K 1	S 1
		S 1	

Chain	No. 45	No. 51	No. 52	No. 55	No. 57	No. 62	No. 66	No. 67	No. 75
Read down.	A 1	A 1	A 1	A 1	A 1	A 1	C 1	A 1	E 1
	A 3	K 1	A 3	A 2	D 5	A 3		D 5	H 1
	A 10	K 5	D 3	C 1	E 1	C 1		E 1	K 1
	C 1	S 1	E 1	E 1	F 2	D 5		FF	R 1
	D 3		K 5	F 2	H 1	K 1		F 2	
	D 5			K 1	K 1	K 6		H 1	
	E 1			M 1	S 2			K 1	
	K 1			S 1				S 1	
	K 3								
	K 5								
	M 1								
	S 1								

PRICE LIST.

	Each.
Attachment Links for Nos. 25, 32, 33 and 34 chain	$0.04
Attachment Links for Nos. 35, 42, 45 and 51 chain	.05
Attachment Links for Nos. 52, 55, 57 and 62 chain	.06
Attachment Links for Nos. 66, 67 and 75 chain	.07

We can furnish Sprocket Wheels in all sizes. Prices on application. Be sure to give size of chain and diameter of sprocket desired.

Wood Pulleys—Split

We carry in stock at all times, a complete assortment of **Fine Quality, Wood Split Pulleys.** Each Pulley is complete with bushings. They are guaranteed in every way.

Diam., in.	FACE, INCHES.														
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	18
3	$0 65	$0 66	$0 70	$0 75	$0 80	$0 90	$0 95	$1 05	$1 15	$1 20	$1 30	$1 40	.....	.....	.....
4	67	70	75	80	90	95	1 05	1 15	1 20	1 30	1 40	1 45	.....	.....	.....
5	70	75	80	85	95	1 05	1 15	1 20	1 30	1 35	1 45	1 60	.....	.....	.....
6	71	80	85	90	1 00	1 10	1 20	1 25	1 35	1 45	1 55	1 65	.....	.....	.....
7	72	85	90	95	1 05	1 15	1 25	1 30	1 40	1 50	1 60	1 75	.....	.....	.....
8	82	90	95	1 00	1 10	1 20	1 30	1 35	1 45	1 55	1 65	1 80	.....	.....	.....
9	86	95	1 00	1 10	1 20	1 25	1 35	1 45	1 55	1 65	1 80	1 95	.....	.....	.....
10	93	1 00	1 10	1 20	1 25	1 35	1 45	1 60	1 65	1 80	1 95	2 10	.....	.....	.....
11	1 00	1 10	1 20	1 25	1 35	1 45	1 55	1 65	1 80	1 95	2 10	2 20	.....	.....	.....
12	1 05	1 15	1 25	1 30	1 40	1 55	1 65	1 80	1 90	2 05	2 20	2 30	.....	.....	.....
13	1 10	1 20	1 30	1 40	1 50	1 60	1 75	1 90	2 00	2 15	2 30	2 40	.....	.....	.....
14	1 15	1 25	1 35	1 50	1 60	1 70	1 85	2 00	2 15	2 30	2 45	2 65	.....	.....	.....
15	1 20	1 30	1 45	1 55	1 65	1 85	1 95	2 15	2 30	2 45	2 65	2 80	.....	.....	.....
16	1 30	1 40	1 50	1 65	1 85	2 00	2 20	2 35	2 50	2 65	2 85	3 00	.....	.....	.....
17	1 40	1 50	1 65	1 80	1 95	2 15	2 30	2 50	2 65	2 80	2 95	3 20	.....	.....	.....
18	1 45	1 60	1 75	1 90	2 10	2 25	2 40	2 60	2 80	3 00	3 20	3 45	.....	.....	.....
19	1 50	1 70	1 80	2 00	2 20	2 40	2 70	2 80	2 95	3 15	3 45	3 65	.....	.....	.....
20	1 60	1 75	1 95	2 15	2 35	2 60	2 80	3 00	3 25	3 45	3 75	4 00	.....	.....	.....
21	1 65	1 80	2 00	2 20	2 45	2 65	2 90	3 15	3 40	3 65	3 95	4 25	$4 55	$4 85	$5 50
22	1 70	1 90	2 10	2 35	2 60	2 80	3 10	3 35	3 60	3 95	4 20	4 50	4 85	5 20	5 90
23	1 75	1 95	2 20	2 45	2 65	2 95	3 25	3 55	3 85	4 15	4 55	4 90	5 30	5 65	6 40
24	1 85	2 10	2 35	2 65	2 85	3 15	3 45	3 75	4 05	4 35	4 70	5 10	5 50	5 90	6 85
25	1 95	2 20	2 45	2 75	3 00	3 35	4 65	4 00	4 35	4 65	5 10	5 50	5 90	6 35	7 30
26	2 10	2 35	2 65	2 90	3 20	3 55	3 85	4 20	4 55	5 00	5 45	5 85	6 35	6 80	7 85
27	2 20	2 45	2 75	3 00	3 35	3 70	4 10	4 45	4 85	5 30	5 70	6 15	6 65	7 20	8 20
28	2 35	2 60	2 85	3 20	3 50	3 90	4 30	4 65	5 10	5 50	5 95	6 45	6 95	7 45	8 55
29	2 45	2 75	3 05	3 35	3 70	4 10	4 50	4 95	5 35	5 85	6 35	6 85	7 40	7 90	9 00
30	2 65	2 85	3 20	3 55	3 95	4 35	4 80	5 20	5 65	6 15	6 65	7 20	7 75	8 35	9 50
31	2 70	3 00	3 35	3 70	4 15	4 55	5 00	5 50	6 00	6 55	7 10	7 60	8 20	8 80	10 00
32	2 85	3 20	3 50	3 85	4 30	4 70	5 20	5 65	6 20	6 80	7 35	7 95	8 55	9 15	10 35
33	3 00	3 35	3 75	4 15	4 55	5 00	5 50	6 00	6 50	7 15	7 70	8 35	8 95	9 55	10 75
34	3 15	3 55	3 95	4 35	4 85	5 30	5 80	6 35	6 95	7 50	8 10	8 70	9 30	9 85	11 20
35	3 30	3 75	4 15	4 60	5 10	5 60	6 15	6 65	7 25	7 85	8 45	9 10	9 70	10 35	11 65
36	3 45	3 90	4 35	4 85	5 40	5 90	6 45	7 00	7 35	8 00	8 65	9 35	10 00	10 65	12 00
38	.....	4 30	4 80	5 35	5 90	6 50	7 10	7 65	8 20	8 65	9 35	10 00	10 65	11 35	12 65
40	.....	4 65	5 25	5 85	6 45	7 10	7 75	8 35	8 95	9 35	10 00	10 65	11 65	12 00	13 65
42	.....	5 00	5 65	6 35	7 00	7 35	8 35	9 00	9 65	10 35	11 00	11 65	12 55	13 00	14 65
44	.....	5 65	6 35	7 00	7 65	8 35	9 00	9 65	10 35	11 00	11 65	12 35	13 35	14 00	15 65
46	.....	6 35	7 00	7 65	8 35	9 00	9 65	10 35	11 00	12 00	12 65	13 35	14 35	15 00	17 00
48	.....	7 00	7 65	8 35	9 00	9 65	10 50	11 30	12 10	12 85	13 35	14 35	15 35	16 00	18 00
50	.....	.....	8 35	9 00	9 65	10 35	11 25	12 10	12 95	13 65	14 35	15 35	16 35	17 00	19 35
52	.....	.....	9 35	10 00	10 65	11 35	12 00	13 00	13 65	14 50	15 35	16 35	17 35	18 35	20 65
54	.....	.....	10 00	10 65	11 35	12 00	12 85	14 00	14 60	15 35	16 35	17 35	18 35	19 65	22 00
56	.....	.....	.....	11 65	12 35	13 00	13 65	14 35	15 35	16 35	17 35	18 35	19 65	21 00	23 65
58	.....	.....	.....	12 65	13 35	14 00	14 65	15 35	16 35	17 35	18 35	19 65	20 65	22 35	25 00
60	.....	.....	.....	13 65	14 35	15 00	15 65	16 35	17 35	18 35	19 35	20 65	22 00	23 65	26 65
62	.....	.....	.....	14 65	15 35	16 00	16 65	17 35	18 35	19 35	20 65	22 00	23 35	25 00	28 35
64	.....	.....	.....	15 35	16 00	16 65	17 35	18 35	19 35	20 35	21 65	23 00	24 65	26 35	29 65
66	.....	.....	.....	16 00	16 65	17 35	18 00	19 00	20 35	21 35	23 00	24 35	26 00	27 65	31 00
68	.....	.....	.....	16 65	17 35	18 00	18 65	20 00	21 35	22 65	24 00	25 65	27 35	29 00	32 35
70	.....	.....	.....	17 35	18 00	18 65	19 65	21 00	22 35	23 65	25 35	27 00	28 65	30 35	33 65

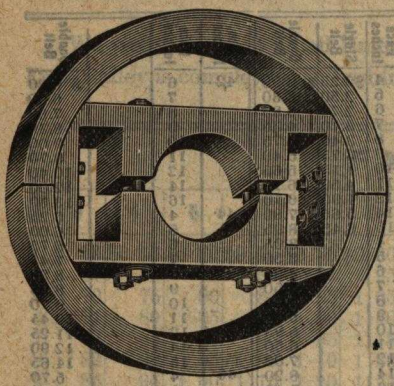
Prices on Other Sizes on Application.

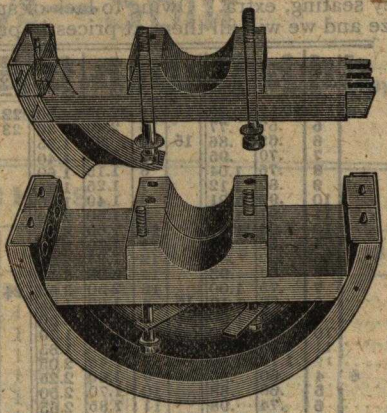
IRON PULLEYS.

Always on hand all sizes and diameters, finished Iron Pulleys, machine molded, bored, turned and balanced with set screws, which we guarantee as good as new, with set screws for key seating, extra. Owing to lack of space we cannot list all sizes. Send in your orders for any size and we will fill them at prices in proportion.

Diam. Inches	Face Inches	Single Belt	Double Belt
6	4	$0.52	$0.70
	5	.57	.77
	6	.63	.86
	7	.70	.95
	8	.76	1.04
	9	.82	1.12
	10	.90	1.21
	11	.97	1.31
	12	1.05	1.41
7	4	.56	.75
	5	.62	.84
	6	.69	.93
	7	.75	1.00
	8	.80	1.10
	9	.88	1.20
	10	.96	1.30
	11	1.05	1.42
	12	1.12	1.52
8	4	.60	.80
	5	.68	.88
	6	.74	.98
	7	.80	1.08
	8	.86	1.19
	9	.95	1.30
	10	1.04	1.42
	11	1.12	1.53
	12	1.20	1.65
9	4	.65	.86
	5	.71	.95
	6	.79	1.06
	7	.86	1.16
	8	.94	1.27
	9	1.00	1.40
	10	1.10	1.50
	11	1.20	1.65
	12	1.25	1.75
	14	1.50	2.05
10	4	.69	.92
	5	.75	1.00
	6	.85	1.15
	7	.92	1.25
	8	1.00	1.38
	9	1.10	1.50
	10	1.20	1.65
	11	1.25	1.75
	12	1.38	1.90
	14	1.60	2.20
11	4	.74	1.00
	5	.80	1.10
	6	.90	1.20
	7	.98	1.35
	8	1.10	1.50
	9	1.15	1.60
	10	1.25	1.75
	11	1.35	1.90
	12	1.45	2.05
	14	1.70	2.25
	16	1.90	2.65
12	4	.79	1.05
	5	.88	1.17
	6	.96	1.30
	7	1.05	1.45
	8	1.15	1.60
	9	1.25	1.75
	10	1.35	1.90
	11	1.45	2.05
	12	1.55	2.20
	14	1.80	2.50
	16	2.10	2.85
13	4	.85	1.10
	5	.92	1.35
	6	1.00	1.40
	7	1.10	1.55
	8	1.20	1.70
	9	1.30	1.85
	10	1.40	2.00
	11	1.55	2.20
	12	1.65	2.35
	14	1.95	2.70
	16	2.25	3.10
14	4	.90	1.18
	5	.98	1.32
	6	1.08	1.50
	7	1.18	1.65
	8	1.30	1.80
	9	1.40	1.95
	10	1.50	2.15
	11	1.65	2.35
	12	1.75	2.50
	14	2.05	2.90
	16	2.40	3.30
15	4	.95	1.25
	5	1.05	1.40
	6	1.15	1.60
	7	1.25	1.75
	8	1.40	1.90
	9	1.50	2.10
	10	1.60	2.30
	11	1.75	2.50
	12	1.85	2.65
	14	2.20	3.10
	16	2.50	3.50
16	4	1.00	1.35
	5	1.10	1.50
	6	1.25	1.70
	7	1.35	1.85
	8	1.45	2.05
	9	1.60	2.25
	10	1.70	2.50
	11	1.85	2.65
	12	2.00	2.85
	14	2.35	3.30
	16	2.75	3.80
17	4	1.05	1.45
	5	1.20	1.60
	6	1.30	1.80
	7	1.40	2.00
	8	1.55	2.20
	9	1.70	2.40
	10	1.80	2.60
	11	2.00	2.80
	12	2.10	3.05
	14	2.50	3.50
	16	2.90	4.00
18	4	1.10	1.50
	5	1.25	1.70
	6	1.35	1.90
	7	1.50	2.10
	8	1.65	2.30
	9	1.80	2.55
	10	1.95	2.75
	11	2.10	3.00
	12	2.25	3.25
	14	2.70	3.75
	16	3.15	4.30
19	4	1.20	1.55
	5	1.30	1.80
	6	1.45	2.00
	7	1.60	2.25
	8	1.75	2.50
	9	1.90	2.75
	10	2.10	3.00
	11	2.25	3.25
	12	2.45	3.50
	14	2.90	4.05
	16	3.40	4.60
20	4	1.25	1.65
	5	1.40	1.90
	6	1.55	2.15
	7	1.70	2.40
	8	1.90	2.65
	9	2.05	2.90
	10	2.20	3.20
	11	2.40	3.45
	12	2.60	3.75
	14	3.10	4.35
	16	3.60	4.95
21	4	1.30	1.75
	5	1.45	2.00
	6	1.65	2.25
	7	1.80	2.55
	8	2.00	2.80
	9	2.15	3.10
	10	2.35	3.40
	11	2.55	3.95
	12	2.75	4.00
	14	3.30	4.65
	16	3.85	5.25
22	4	1.40	1.85
	5	1.60	2.10
	6	1.70	2.40
	7	1.90	2.70
	8	2.10	3.00
	9	2.30	3.30
	10	2.50	3.65
	11	2.70	3.95
	12	2.90	4.25
	14	3.50	4.95
24	4	1.50	2.05
	5	1.70	2.35
	6	1.90	2.65
	7	2.10	3.00
	8	2.30	3.35
	9	2.55	3.70
	10	2.75	4.05
	11	3.00	4.40
	12	3.30	4.75
	14	3.90	5.50
	16	4.60	6.25
25	4	1.60	2.15
	6	1.80	2.50
	6	2.00	2.80
	7	2.25	3.20
	8	2.50	3.55
	9	2.70	3.90
	10	2.95	4.25
	11	3.25	4.65
	12	3.50	5.00
	14	4.15	5.75
	16	4.85	6.65
26	4	1.70	2.30
	5	1.90	2.65
	6	2.15	3.00
	7	2.35	3.25
	8	2.65	3.75
	9	2.90	4.10
	10	3.15	4.50
	11	3.45	4.90
	12	3.75	5.25
	14	4.40	6.15
	16	5.10	7.00
27	4	1.85	2.40
	5	2.05	2.75
	6	2.25	3.15
	7	2.50	3.50
	8	2.75	3.90
	9	3.05	4.30
	10	3.35	4.70
	11	3.65	5.15
	12	3.95	5.55
	14	4.65	6.45
	16	5.35	7.40
28	4	1.90	2.50
	5	2.10	2.85
	6	2.35	3.30
	7	2.65	3.70
	8	2.90	4.10
	9	3.20	4.50
	10	3.30	4.95
	11	3.85	5.40
	12	4.20	5.85
	14	4.90	6.25
	16	5.65	7.75
29	4	2.00	2.65
	5	2.25	3.05
	6	2.50	3.45
	7	2.80	3.90
	8	3.10	4.30
	9	3.40	4.75
	10	3.70	5.15
	11	4.05	5.65
	12	4.45	6.10
	14	5.15	7.10
	16	5.90	8.15
30	4	2.15	2.75
	5	2.35	3.15
	6	2.65	3.65
	7	2.95	4.05
	8	3.25	4.50
	9	3.60	4.95
	10	3.95	5.40
	11	4.30	5.90
	12	4.65	6.40
	14	5.40	7.50
	16	6.15	8.55
31	4	$2.25	$ 2.90
	5	2.50	3.30
	6	2.75	3.85
	7	3.10	4.30
	8	3.40	4.75
	9	3.75	5.40
	10	4.15	5.65
	11	4.50	6.15
	12	4.90	6.70
	14	5.65	7.80
	16	6.45	8.95
32	4		3.05
	5		3.50
	6		4.00
	7		4.50
	8		4.95
	9		5.55
	10		5.95
	11		6.50
	12		7.00
	14		6.20
	16		9.40
33	4		3.20
	5		3.70
	6		4.20
	7		4.70
	8		5.20
	9		5.75
	10		6.25
	11		6.80
	12		7.35
	14		8.55
	16		9.80
34	4		3.40
	5		3.90
	6		4.40
	7		4.95
	8		5.45
	9		6.00
	10		6.55
	11		7.10
	12		7.65
	14		8.90
	16		10.20
35	4		3.55
	5		4.05
	6		4.60
	7		5.15
	8		5.70
	9		6.25
	10		6.80
	11		7.20
	12		7.95
	14		9.30
	16		10.50
36	4		3.70
	5		4.25
	6		4.80
	7		5.40
	8		5.95
	9		6.50
	10		7.10
	11		7.70
	12		8.30
	14		7.70
	16		8.35
38	4		4.10
	5		4.30
	6		5.30
	7		5.90
	8		6.50
	9		7.10
	10		7.70
	11		8.35
	12		9.00
	14		10.40
	16		12.30
40	4		4.50
	5		4.90
	6		5.75
	7		6.40
	8		7.05
	9		7.70
	10		8.35
	11		9.05
	12		9.70
	14		11.20
	16		18.20
42	4		4.85
	5		5.55
	6		$ 6.20
	7		6.90
	8		7.60
	9		8.30
	10		9.00
	11		9.70
	12		10.40
	14		12.00
	16		13.60
44	4		5.25
	5		6.00
	6		6.75
	7		7.45
	8		8.20
	9		8.95
	10		9.70
	11		10.45
	12		11.25
	14		12.90
	16		14.65
46	4		5.70
	5		6.45
	6		7.20
	7		8.00
	8		8.80
	9		9.60
	10		10.40
	11		11.20
	12		12.05
	14		13.80
	16		15.65
48	4		6.15
	5		6.95
	6		7.75
	7		8.60
	8		9.45
	9		10.30
	10		11.15
	11		12.00
	12		12.90
	14		14.75
	16		16.70
	18		18.65
	20		20.80
	22		22.55
	24		24.50
	26		26.50
	28		28.50
50	5		7.45
	6		8.35
	7		9.20
	8		10.10
	9		10.95
	10		11.90
	11		12.80
	12		13.70
	14		15.70
	16		17.75
	18		19.80
	20		21.85
	22		23.90
	24		26.10
	26		28.15
	28		30.35
52	5		7.95
	6		8.90
	7		9.80
	8		10.75
	9		11.70
	10		12.60
	11		13.60
	12		14.55
	14		16.60
	16		18.75
	18		20.95
	20		23.10
	22		25.30
	24		27.55
54	6		9.45
	7		10.35
	8		11.25
	9		12.15
	10		13.10

Hercules Steel Face Pulleys





We purchased at a recent sale, three carloads of these pulleys. They are all guaranteed new and perfect in every way. We are offering you the most perfect and scientific pulley on the market.

CONSTRUCTION

The rim is formed from the best quality of cold rolled sheet steel.

The arms are made of selected and thoroughly seasoned maple.

The flanges and inner surface of the rim are painted, and the face covered with glass varnish.

The wood is soaked in hot linseed oil—to prevent warping—and coated with the best waterproof paint.

The rim is fastened to the center by bolts through the face, and by rivets through the flanges.

ADVANTAGES

It is fully guaranteed.

It is very strong and very light.

It is not harmed in the least by atmospheric changes.

It is the most economical to buy, to install, and to operate.

Metal-fastened belts do not harm its surface.

Oil and dust will not accumulate and cake on its face.

An abundance of clamping bolts, a minimum distance from the shaft, give a maximum clamping power without injury to the shaft.

It has the best face for a maximum load with a loose belt.

SIZES ON HAND AND NET PRICES EACH

DIAM. IN INCHES	FACE IN INCHES						
	3	4	5	6	8	10	12
6	$0.70	$0.80	$0.85	$0.90	$1.10		
8	.80	.85	.95	1.00	1.15		
10	.95	1.00	1.10	1.20	1.35		
12	1.05	1.15	1.25	1.30	1.55		
14	1.15	1.25	1.35	1.45	1.70	2.00	
16	1.30	1.40	1.50	1.65	2.00	2.35	
18	1.40	1.55	1.75	1.90	2.25	2.60	3.00
20	1.55	1.75	1.95	2.15	2.55	3.00	3.45
22		1.85	2.10	2.35	2.80	3.35	3.90
24		2.10	2.35	2.60	3.15	3.75	4.35

ORDER AS FOLLOWS:

1st—Number of pulleys.
2d—Diameter in inches.
3d—Width of face in inches
4th—Exact size of shaft.
5th—Whether straight or crown face.

(Unless otherwise ordered, crown face will be sent.)

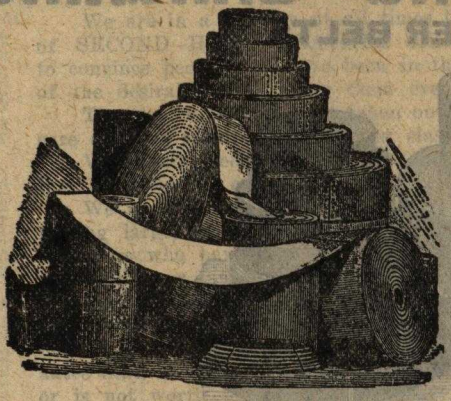
One wood bushing is included in the price of each standard bore pulley.

Pulleys under 10-inch diameter bored for 2 7/16-inch bushing; pulleys 10-inch and over in diameter bored for 3 7/16-inch bushing.

Bushings supplied in sixteenths from smallest to largest sizes.

ABSOLUTE SATISFACTION GUARANTEED.

OUR BELTING DEPARTMENT.



We can fill your wants for any style or size belting and can give you any grade belt you require. We carry and sell an enormous quantity of belting. We can fill telegraphic orders same day they are received. Our belting department manager, aided by years of practical experience, will be pleased to freely give you the benefit of his judgment as to the matter of selection, and will in every way possible give your belting orders proper care and attention.

We secure our stocks of belting in various ways—principally by the quick action of our **efficient purchasing department,** who are always on the watch for **"belting snaps,"** and who do not hesitate to purchase belting in enormous quantities. If you had the time to spare and watch, you'd be surprised at the number of belting merchants who are unable to make a success of their business, and who are forced to quit the business. We usually buy their stocks for a "song."

LOT 1--RUBBER BELTING, GRADE "A."

"Standard" Brand.

This Grade "A" Belting is strictly brand new, and first class for ordinary purposes. We carry a complete stock of sizes and plys, quoted in full rolls, and can promptly fill all orders.

The best grade of Belting for the money on the market.

Width, Inches.	2 Ply per ft. Cents.	3 Ply per ft. Cents.	4 Ply per ft. Cents.	5 Ply per ft. Cents.	6 Ply per ft. Cents.
1	1¾	2¼	....	....	....
1½	2¾	3¼	....	....	....
2	3¾	4¼	5¼	....	....
2½	4½	5½	6½	....	....
3	5	6½	8	....	....
3½	....	7½	9¼	....	....
4	....	8½	10½	....	....
4½	....	10	12	....	....
5	....	11	13	....	....
6	....	13	16	19	....
7	....	15	18½	23	....
8	....	18	21	26	32
9	....	....	25	30	36
10	....	....	27	33	40
12	....	....	33	41	49
14	....	....	39	48	58

LOT 2--RUBBER BELTING, GRADE "B."

"Star" Brand.

This grade is higher grade than the Standard Brand quoted above, and is especially adapted for general work where belt is used continuously. It is a very satisfactory article.

Width, Inches.	3 Ply per ft. Cents.	4 Ply per ft. Cents.	5 Ply per ft. Cents.	6 Ply per ft. Cents.
3	8	9	....	....
3½	9	11	....	....
4	10	13	....	....
4½	12	14	17	....
5	13	16	20	....
6	16	19	23	28
7	18	22	27	33
8	21	25	32	38
9	24	28	33	43

GRADE "B"—Continued.

Width, Inches.	3 Ply per ft. Cents.	4 Ply per ft. Cents.	5 Ply per ft. Cents.	6 Ply per ft. Cents.
10	27	32	40	48
11	30	35	44	53
12	33	39	49	59
13	35	43	53	64
14	38	46	58	69
15	41	50	62	75
16	45	53	67	80
18	51	60	76	91
20	57	68	85	1.02

LOT 2X--RUBBER BELTING, GRADE "C."

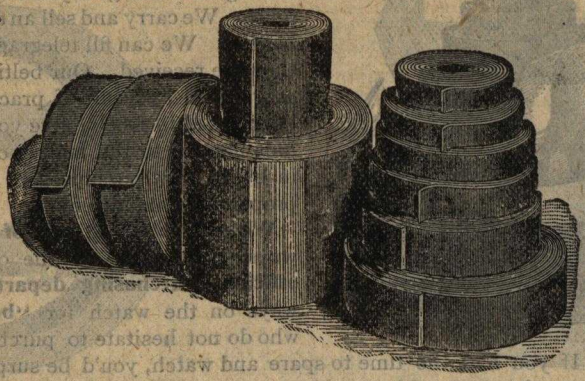
"Premier" Brand.

We are pleased to call your attention to our extra fine high grade, "Premier" Brand of new Rubber Belting. We guarantee and warrant this belting equal to the best grades on the market. To those seeking for articles in this line, of special merit, we have no hesitation in recommending this brand of belting. It is made to give complete satisfaction. In ordering this belting be sure to mention "Premier" Brand, so as not to conflict with our ordinary grade quoted above.

Width, Inches.	3 Ply per ft.	4 Ply per ft.	5 Ply per ft.	6 Ply per ft.	7 Ply per ft.	8 Ply per ft.
4	$0.14	$0.17	$0.21	$0.25	$0.29	....
4½	.16	.19	.23	.28	.33	....
5	.17	.21	.26	.31	.36	....
6	.21	.25	.31	.37	.43	.50
7	.24	.29	.36	.44	.51	.58
8	.28	.33	.42	.50	.59	.68
9	.32	.38	.47	.57	.66	.76
10	.36	.43	.53	.64	.75	.86
11	.40	.47	.59	.71	.82	.94
12	.43	.52	.65	.78	.91	1.04
13	.47	.57	.71	.85	.99	1.14
14	.51	.62	.77	.92	1.08	1.22
15	.56	.66	.83	1.00	1.16	1.33
16	.60	.72	.89	1.06	1.24	1.42
18	.68	.80	1.00	1.21	1.42	1.62
20	.76	.90	1.13	1.36	1.59	1.81
22	.85	1.01	1.26	1.52	1.76	2.02
24	.94	1.12	1.40	1.68	1.96	2.24
26	1.04	1.23	1.54	1.85	2.16	2.46
28	1.14	1.34	1.68	2.02	2.35	2.69
30	....	1.45	1.82	2.18	2.54	2.92

LEATHER BELTING—BARGAINS

NEW LEATHER BELTS.



We are constantly buying at Manufacturers', Sheriffs', Receivers' and other Sales high grade belting, which we are selling far below its value. We guarantee satisfaction and should you purchase any belt from us, we will send it forward with the understanding that you have the privilege to return same after you see it, if you do not think it worth the price you paid for it. We will pay freight charges one way: you pay it the other way.

The belting on this page is all brand new and is in addition to the second hand we are showing on page 153. We can make any of these belts endless to order. When so ordered we charge for 3 additional feet.

PRICES PER RUNNING FOOT.

Our Net Prices on this Belting—per Running Foot. Order by "Lot No. 5."

Width, Inches.	Single Thick Per Foot.	Double Thick Per Foot.	Width, Inches.	Single Thick Per Foot.	Double Thick Per Foot.	Width, Inches.	Single Thick Per Foot.	Double Thick Per Foot.
1	$0.05	....	5½	$0.36	$0.72	19	....	$2.50
1¼	.07	....	6	.40	.80	20	....	2.65
1½	.09	....	6½	.42	.84	21	....	2.80
1¾	.10½	....	7	.45	.90	22	....	2.90
2	.12	$0.24	8	.52	1.04	23	....	3.05
2¼	.14	.28	9	.60	1.20	24	....	3.15
2½	.16	.32	10	.66	1.32	25	....	3.30
2¾	.18	.36	11	.72	1.44	26	....	3.45
3	.19	.38	12	.79	1.58	27	....	3.60
3¼	.21	.42	13	.85	1.70	28	....	3.70
3½	.22	.44	14	....	1.85	30	....	4.00
3¾	.25	.50	15	....	1.95	32	....	4.25
4	.26	.52	16	....	2.10	34	....	4.75
4½	.29	.58	17	....	2.25	36	....	4.95
5	.32	.64	18	....	2.40			

No finer Belt on the market. Sold under a binding guarantee as to quality.

SECOND HAND LEATHER BELTING.

We are in a position at all times to supply your wants in the very highest grade of SECOND HAND LEATHER BELTS on the market. We have but little trouble to convince people who have been in the habit of purchasing second hand leather belts, of the desirability of using them even in preference to buying new belts.

The stretch has all been taken out, and the belt is shipped to you all ready to take care of your requirements in first class shape.

We rebuild second hand belts and ship practically a new belt, with the exception that the stock, of course, is second hand.

We have in our employ an expert belt man who has made a life-long study of furnishing large, second hand belts to people who know what belts mean. Many of our customers who have been here in the house will recognize the truth of this statement, and will know that the knowledge possessed by our belt man is second to none in the business.

Furthermore, we ship only belting that we fully guarantee, and are willing to furnish you any of the second hand leather belts that we have in stock under a guarantee that, if upon receipt of same you do not think the belt will give you satisfaction or is not worth the amount of money you are paying us for it, we will take it back from you without any question or argument, and either furnish you another belt or cancel your order.

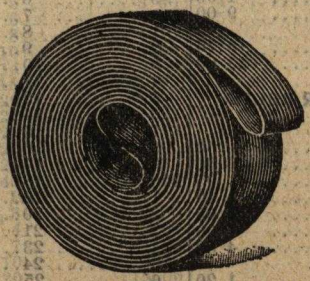
We make these belts endless to order, and IN ORDERING THESE ENDLESS, BE SURE TO ALLOW 3 FT. FOR LAP. We will rivet these belts, making nominal charge for same.

Width, Inches.	Single Thick, Per Foot.	Double Thick, Per Foot.
1	$0.04	.....
1¼	.05½	.....
1½	.07	.....
1¾	.08½	.....
2	.10	$0.20
2¼	.11	.22
2½	.13	.26
2¾	.14	.28
3	.15	.30
3½	.18	.36
4	.21	.42
4½	.24	.48
5	.27	.54
5½	.29	.58
6	.32	.64
6½	.35	.70
7	.38	.76

Width, Inches.	Single Thick, Per Foot.	Double Thick, Per Foot.
8	.43	.86
9	.48	.96
10	.53	1.06
11	.59	1.18
12	.65	1.30
13		$1.40
14		1.50
15		1.65
16		1.75
17		1.85
18		1.95
19		2.05
20		2.20
21		2.30
22		2.40
23		2.55
24		2.70

ENDLESS RUBBER BELTS.

"STANDARD" BRAND.



We have the following brand new Endless Rubber Belts in stock. Are just in same condition as when they came from factory. They are the "Standard" Brand. Thoroughly stretched. Runs straight and will not slip. We will sell either complete endless or will cut any size wanted.

Item No.	No. of Belt.	Length, Feet.	Width, Inches.	Ply.	Price Complete.
N45	10	130	6	4	$20.75
N46	12	140	6	4	22.40
N47	8	150	6	4	24.00
N48	5	130	7	4	24.00
N49	15	140	7	4	25.80
N50	9	150	7	4	27.75
N51	7	130	8	4	27.25
N52	14	140	8	4	29.35
N53	19	150	8	4	31.50

Prices on Other Sizes on Application.

SECOND HAND LEATHER BELTS.

Most of this belting comes from the large manufacturing plants that we are constantly dismantling. We ship nothing but what we are sure will give entire satisfaction. Order by number.

SINGLE LEATHER BELTS.

Item No.	Length Feet.	Price of Belt.
	1¼ inch.	
1	6	$ 0 36
2	35	2 10
	1½ inch.	
3	20	1 40
4	23	1 60
5	25	1 75
6	34	2 40
7	39	3 50
8	40	3 70
9	50	3 75
10	53	3 85
11	55	4 20
12	60	4 40
13	100	7 00
14	125	8 50
	2 inch.	
15	25	2 50
16	30	3 00
17	35	3 50
18	36	3 60
19	40	4 00
20	45	4 50
21	47	4 70
22	48	4 80
23	49	4 90
24	50	5 00
25	54	5 40
26	60	6 00
27	64	6 40
28	65	6 50
29	70	7 00
30	96	9 60
31	110	11 00
32	130	13 00
33	136	13 60
	2¼ inch.	
34	39	4 00
35	54	6 35
36	55	6 45
37	80	9 60
	2½ inch.	
38	4	0 50
39	10	1 30
40	11	1 40
41	14	1 50
42	18	2 30
43	22	3 00
44	35	4 25
45	38	4 60
46	40	5 20
47	47	6 10
48	48	6 25
49	50	6 50
50	52	6 75
51	53	6 85
52	55	7 00
53	56	7 10
54	58	7 35
55	59	7 50
56	60	7 70
57	61	7 85
58	62	7 90
59	66	8 20
60	70	9 00
61	85	10 50
62	100	13 00
63	105	13 50
	3 inch.	
64	7	1 00
65	8	1 20
66	12	1 80
67	15	1 35
68	20	3 00
69	22	3 30
70	25	3 75
71	35	5 25
72	36	5 40
73	40	6 00
74	42	6 30
75	44	6 60
76	50	7 50
77	54	8 10
	3 Inch.	
78	55	8 25
79	56	8 40
80	58	8 70
81	60	9 00
82	61	9 15
83	63	9 45
84	65	9 80
85	70	10 50
86	85	12 75
87	92	13 60
	3½ Inch.	
88	5	80
89	9	1 45
90	10	1 60
91	11	1 75
92	15	2 40
93	19	3 00
94	22	3 50
95	30	4 75
96	35	5 50
97	36	5 70
98	70	11 20
	4 Inch.	
99	4	80
100	6	1 20
101	7	1 40
102	8	1 60
103	9	1 80
104	12	2 40
105	14	2 80
106	15	3 00
107	16	3 20
108	17	3 40
109	18	3 60
110	24	4 80
111	27	5 40
112	30	6 00
113	38	7 60
	4½ Inch.	
114	8	1 90
115	9	2 15
116	14	3 35
117	18	4 30
118	19	4 55
119	35	8 40
	5 Inch.	
120	3	75
121	5	1 25
122	6	1 50
123	7	1 75
124	8	2 00
125	11	2 75
126	12	3 00
127	18	4 50
128	20	5 00
129	30	7 50
	6 Inch.	
130	9	2 70
131	12	3 60
132	16	4 80
133	18	5 40
	8 Inch.	
134	23	9 25
	9 Inch.	
135	8	4 00
136	18	9 00
	12 Inch.	
137	28	15 75
138	38	25 00

DOUBLE LEATHER BELTS.

Item No.	Length Feet.	Price of Belt.
	1½ Inch.	
139	4	50
140	5	60
141	6	95
142	10	1 40
143	12	1 65
144	13	1 90
145	27	4 50
	1¾ Inch.	
146	8	1 20
147	10	1 50
148	12	2 00
149	15	2 55
150	18	3 00
151	20	3 40
152	23	3 90
153	24	4 10
154	42	7 00
	2 Inch.	
155	5	75
156	10	2 00
157	14	2 40
158	15	3 60
159	18	3 20
160	28	5 50
161	96	19 00
	2½ Inch.	
162	7	1 50
163	8	1 65
164	9	1 80
165	10	2 00
166	11	2 20
167	12	2 35
168	14	2 85
169	18	4 00
170	20	4 50
171	21	4 75
172	42	9 60
173	55	12 40
174	65	14 00
	3 Inch.	
175	4	1 00
176	5	1 25
177	8	2 25
178	11	2 75
179	13	3 25
180	14	3 50
181	15	3 75
182	18	4 50
183	20	5 50
184	21	5 75
185	22	6 00
186	24	6 50
187	25	7 00
188	27	7 50
189	30	8 00
190	32	8 50
191	34	10 00
192	35	10 75
193	38	11 50
194	40	12 00
195	45	13 25
196	60	17 00
197	75	22 00
198	87	26 00
199	99	29 00
200	105	31 00
201	110	32 50
202	112	33 00
203	120	35 00
204	125	36 50
205	140	40 00
	3½ Inch.	
206	3	80
7	4	1 00
8	5	1 20
9	6	1 45
210	7	1 75
1	8	2 00
2	9	2 30
3	10	2 55
4	11	2 90
5	12	3 35
6	14	4 00
7	15	4 40
8	16	4 70
9	17	5 00
220	18	5 50
1	19	6 00
2	20	6 50
3	21	7 00
4	23	7 50
5	24	8 00
6	25	9 00
7	26	9 40

THESE GOODS ARE ALL IN GOOD CONDITION.

SECOND HAND LEATHER BELTS—Continued.

The following list of Second Hand Belts are guaranteed in first class condition. All belts are double ply. Order them by Item No.

Item No.	Length Feet.	Price of Belt.
8	30	$ 11 00
9	35	13 00
230	42	15 75
1	54	20 00
2	65	24 50
3	76	28 75
4	88	33 00
5	95	36 00
6	105	39 00
	4 Inch.	
7	3	1 00
8	4	1 50
9	5	1 65
240	6	1 85
1	7	1 90
2	9	2 25
3	10	3 50
4	11	3 80
5	12	4 10
6	14	5 50
7	15	5 90
8	16	6 30
9	17	7 00
250	18	7 40
1	20	8 20
2	21	8 60
3	23	9 20
4	25	10 00
5	28	11 00
6	35	14 00
7	46	17 00
8	72	27 00
	4½ Inch.	
9	5	2 00
260	7	2 80
1	8	3 20
2	9	3 60
3	10	4 00
4	14	6 25
5	18	8 00
6	20	9 00
7	26	11 50
	5 Inch.	
8	4	1 75
9	5	1 95
270	6	2 35
1	7	2 75
2	8	3 15
3	10	5 00
4	11	5 50
5	12	6 00
6	13	6 50
7	14	7 00
8	15	7 50
9	16	8 00
280	18	9 00
1	20	10 40
2	21	10 90
3	22	11 75
4	25	13 50
5	26	14 00
6	27	14 50
7	30	16 00
8	42	22 50
	6 Inch.	
289	3	1 75
290	5	3 00
1	6	3 50
2	8	4 75
3	10	6 50
4	14	9 00
295	18	11 75
6	20	13 00
7	22	14 25
8	23	14 85
9	25	16 00
300	26	16 50
1	42	27 00
	7 Inch.	
2	3	2 00
3	4	2 60
4	7	4 25
6	10	7 50
7	20	15 00
8	24	18 00
	8 Inch.	
309	3	2 40
10	4	3 00
1	5	4 00
2	7	5 50
3	9	7 25
4	10	8 50
5	11	9 25
6	12	10 00
7	14	11 75
8	15	12 50
9	16	13 25
320	17	14 00
1	18	14 75
2	20	17 00
3	22	18 65
4	24	20 00
5	25	21 00
6	26	21 75
7	29	25 00
8	30	25 50
9	38	32 00
330	40	34 00
	9 Inch.	
331	9	8 50
2	10	9 50
3	11	10 50
4	14	13 50
5	18	17 00
6	22	21 00
7	24	23 00
8	27	26 00
9	28	27 00
340	36	35 00
1	58	54 00
	10 Inch.	
2	3	2 70
3	5	4 50
4	6	5 40
5	7	6 25
6	8	7 00
7	9	8 00
8	10	10 00
9	11	11 00
350	12	12 00
1	14	14 00
2	15	15 00
3	16	16 00
4	17	17 00
5	18	18 00
6	19	19 00
7	20	20 00
8	21	21 00
9	22	22 00
360	24	24 00
1	27	27 00
2	29	29 00
3	30	30 00
4	32	32 00
5	33	33 00
6	34	34 00
7	36	36 00
8	38	38 00
9	40	40 00
	10 Inch.	
461	39	39 00
2	50	50 00
3	61	60 00
4	71	69 00
5	80	78 00
6	103	100 00
7	142	135 00
	11 Inch.	
8	9	9 50
9	10	10 70
370	11	12 00
1	12	14 00
2	14	15 50
3	18	21 00
4	24	27 00
375	26	29 50
6	32	33 00
7	35	37 50
8	40	42 00
9	44	46 00
	12 Inch.	
380	4	4 00
1	5	5 00
2	6	6 00
3	7	7 00
4	8	8 00
5	9	9 00
6	12	15 00
7	14	17 50
8	16	20 00
9	18	22 50
390	20	25 00
1	21	26 25
2	22	27 50
3	24	28 75
4	25	30 00
5	30	37 00
6	32	39 00
7	34	40 00
8	35	41 00
9	36	42 00
400	40	45 00
1	48	58 00
2	50	60 00
3	60	72 00
	13 Inch.	
4	18	21 00
5	37	43 00
6	60	75 00
	14 Inch.	
407	8	10 00
8	10	12 00
9	12	14 00
410	16	18 00
1	25	35 00
2	33	43 00
3	34	44 50
4	35	46 00
5	36	47 50
6	54	70 00
	15 Inch.	
7	8	11 50
418	10	14 00
9	12	16 75
420	13	18 25
1	28	38 00
2	30	41 00
3	36	50 00
4	48	65 00
5	55	72 00
	16 Inch.	
426	8	13 00
7	10	16 00
8	12	19 00
9	13	20 50
430	14	22 00
1	18	30 00
2	20	33 00
3	38	60 00
	18 Inch.	
434	6	9 50
5	8	13 00
6	18	28 00
7	23	38 00
8	28	43 00
	19 Inch.	
474	6	9 00
5	40	70 00
6	48	84 00
7	58	100 00
	20 Inch.	
478	24	47 00
479	35	65 00
440	36	66 75
	22 Inch.	
441	18	38 00
2	30	59 00
3	52	97 00
	24 Inch.	
444	8	20 00
5	10	24 00
6	17	38 00
7	50	125 00
	26 Inch.	
448	6	15 00
	28 Inch.	
449	28	75 00
450	56	144 00

RUBBER BELT REMNANTS.

This list of Remnants are all brand new, high grade Rubber Belting. If you fail to find the exact length you want, in this list, let us know your wishes, and we will cut any remnant, that is anywhere near the desired length, to fill the bill. You need have no hesitation in ordering these remnants, as they are the product of a well known belt manufacturer, and can be depended upon. They are suitable for work in saw mills, rolling mills, farm machinery, wood working machinery, etc., in fact in the very hardest places, where they will be subject to the severest tests. Please order by number.

Item No.	Width, Inches.	Ply.	Length, Feet.	Price of Belt.
1	1	2	60	$1.20
2	1	2	85	1.70
3	1	2	95	1.90
4	1½	2	30	.85
5	1½	2	60	1.65
6	1½	2	74	2.10
7	1½	2	80	2.30
8	1½	2	86	2.50
9	2	2	32	1.20
10	2	2	45	1.75
11	2	2	56	2.20
12	2	2	64	2.50
13	2	2	81	3.15
14	2	2	103	3.90
15	2	2	110	4.00
16	2½	2	84	3.95
17	2½	2	96	4.30
18	2½	2	104	4.50
19	2½	2	36	1.60
20	2½	2	40	1.75
21	3	2	38	1.85
22	3	2	45	2.15
23	3	2	56	2.75
24	1½	3	24	.75
25	1½	3	47	1.35
26	1½	3	75	2.25
27	2	3	40	1.60
28	2	3	38	1.55
29	2	3	76	3.00
30	2	3	100	4.00
31	2½	3	38	1.90
32	2½	3	76	3.75
33	2½	3	114	5.70
34	3	3	40	2.40
35	3	3	35	2.10
36	3	3	60	3.60
37	3	3	90	5.40
38	3½	3	45	3.15
39	3½	3	81	5.60
40	4	3	36	2.85
41	4	3	48	3.85
42	4	3	60	4.75
43	4	3	75	6.00
44	4	3	84	6.65
45	4½	3	37	3.70
46	4½	3	48	4.75
47	5	3	24	2.60
48	5	3	39	4.25
49	5	3	44	4.80
50	5	3	77	8.40
51	6	3	30	3.65
52	6	3	48	5.75
53	6	3	75	9.00
54	2	4	28	1.40
55	2	4	36	1.80
56	2	4	44	2.20
57	2	4	60	3.00
58	2½	4	20	1.30
59	2½	4	37	2.25
60	2½	4	45	2.75
61	3	4	20	1.50
62	3	4	35	2.75
63	3	4	45	3.60
64	3	4	60	4.75
65	3	4	84	6.65
66	4	4	25	2.50
67	4	4	40	4.00
68	4	4	58	5.75
69	4	4	60	6.00
70	4	4	60	6.00
71	4	4	85	8.50
72	4½	4	23	2.75
73	4½	4	38	4.55
74	4½	4	46	5.50
75	4½	4	55	6.50
76	5	4	25	$3.00
77	5	4	30	3.60
78	5	4	48	5.75
79	5	4	60	7.20
80	6	4	20	3.00
81	6	4	28	4.20
82	6	4	36	5.40
83	6	4	45	6.75
84	6	4	60	9.00
85	6	4	75	10.75
86	6	4	84	12.60
87	7	4	19	2.40
88	7	4	26	4.65
89	7	4	44	7.80
90	7	4	60	10.75
91	7	4	74	13.25
92	8	4	23	4.60
93	8	4	37	7.40
94	8	4	45	9.00
95	8	4	50	10.00
96	8	4	50	10.00
97	8	4	60	12.00
98	8	4	65	13.00
99	8	4	80	16.00
100	9	4	40	10.00
101	9	4	60	15.00
102	9	4	90	22.50
103	10	4	9	2.00
104	10	4	12	3.00
105	10	4	36	9.00
106	10	4	48	12.00
107	10	4	54	13.50
108	10	4	70	17.50
109	11	4	21	5.75
110	11	4	34	9.00
111	11	4	27	7.25
112	11	4	59	15.75
113	11	4	53	14.25
114	11	4	70	18.00
115	12	4	11	3.25
116	12	4	40	12.00
117	12	4	45	13.50
118	12	4	56	16.80
119	12	4	60	18.00
120	12	4	70	21.00
121	12	4	80	24.00
122	12	4	65	19.50
123	12	4	100	30.00
124	13	4	8	2.25
125	13	4	11	3.00
126	13	4	33	10.00
127	13	4	39	12.75
128	13	4	45	14.75
129	13	4	53	17.25
130	13	4	64	21.00
131	14	4	10	3.00
132	14	4	24	8.40
133	14	4	30	10.50
134	14	4	61	21.00
135	14	4	70	24.50
136	14	4	87	30.00
137	15	4	12	4.00
138	15	4	15	5.00
139	15	4	25	10.00
140	15	4	30	12.00
141	15	4	48	19.00
142	15	4	57	22.50
143	16	4	16	6.00
144	16	4	33	13.00
145	16	4	37	14.50
146	16	4	51	20.00
147	16	4	71	28.00
148	16	4	116	45.00
149	18	4	18	7.50
150	18	4	67	33.00

Belting Orders Filled Immediately.

RUBBER BELT REMNANTS.

CONTINUED.

Item. No.	Width. Inches.	Ply.	Length. Feet.	Price of Belt
151	20	4	28	$10.00
152	20	4	48	25.00
153	19	4	27	10.00
154	24	4	54	37.00
155	17	4	50	20.00
156	42	4	22	15.00
157	42	4	26	17.00
158	3	5	20	2.00
159	3	5	27	2.70
160	3	5	32	3.00
161	3	5	35	3.40
162	3	5	40	3.90
163	3	5	42	4.00
164	4	5	19	2.40
165	4	5	28	3.60
166	4	5	32	4.25
167	4	5	35	4.60
168	4	5	40	4.95
169	4	5	46	5.90
170	4	5	51	6.25
171	5	5	42	6.40
172	5	5	56	8.75
173	5	5	66	10.35
174	5	5	88	14.00
175	6	5	37	6.60
176	6	5	42	7.50
177	6	5	48	8.60
178	6	5	53	9.50
179	6	5	57	10.25
180	6	5	62	11.00
181	6	5	68	12.00
182	8	5	30	7.50
183	8	5	43	10.75
184	8	5	47	11.75
185	8	5	60	15.00
186	8	5	62	15.50
187	8	5	71	17.75
188	8	5	83	20.50
189	9	5	22	5.50
190	10	5	6	1.50
191	10	5	7	1.75
192	10	5	8	2.00
193	10	5	13	3.25
194	10	5	36	11.52
195	10	5	52	16.50
196	10	5	55	17.50
197	10	5	58	18.50
198	10	5	62	19.75
199	10	5	70	22.00
200	10	5	76	23.00
201	12	5	45	18.00
202	12	5	60	24.00
203	12	5	62	24.75
204	12	5	68	27.00
205	12	5	74	29.50
206	12	5	100	39.00
207	12	5	29	11.50
208	12	5	14	4.90
209	12	5	10	3.00
210	12	5	9	2.50
211	12	5	14	5.00
212	14	5	17	8.00
213	14	5	24	11.50
214	14	5	24	11.50
215	14	5	20	9.50
216	14	5	50	24.00
217	14	5	66	31.00
218	14	5	74	35.50
219	14	5	80	38.00
220	14	5	96	46.00
222	16	5	7	3.50
223	16	5	16	8.00
224	16	5	33	16.50
225	16	5	37	19.00
226	16	5	51	28.00
227	16	5	71	39.00
228	16	5	115	63.00
229	17	5	50	28.00
230	18	5	18	7.00
231	18	5	35	14.00
232	20	5	32	22.00
233	22	5	56	42.00
234	22	5	66	50.00
235	22	5	74	56.00
236	22	5	80	60.00
237	24	5	15	11.00
238	4	6	40	6.25
239	4	6	48	7.50
240	4	6	56	$9.25
241	4	6	57	9.40
242	4	6	60	9.60
243	4	6	62	9.85
244	4	6	65	10.70
245	4	6	71	11.25
246	6	6	40	9.00
247	6	6	42	9.25
248	6	6	48	11.00
249	6	6	54	12.25
250	6	6	58	13.00
251	6	6	60	13.50
252	8	6	38	11.75
253	8	6	45	13.75
254	8	6	53	16.40
255	8	6	58	17.75
256	8	6	64	19.75
257	8	6	70	21.50
258	8	6	78	24.00
259	10	6	32	12.75
260	10	6	44	14.25
261	10	6	45	14.65
262	10	6	47	15.35
263	10	6	52	16.75
264	10	6	56	18.25
265	10	6	62	20.50
266	12	6	11	3.50
267	12	6	22	10.00
268	12	6	49	24.00
269	12	6	56	27.00
270	12	6	63	30.75
271	12	6	72	35.00
272	12	6	80	39.00
273	14	6	8	2.75
274	14	6	26	13.00
275	14	6	33	17.00
276	14	6	20	10.00
277	14	6	40	23.00
278	14	6	50	29.00
279	14	6	66	38.00
280	16	6	9	5.00
281	16	6	14	8.00
282	18	6	9	6.75
283	18	6	17	12.75
284	18	6	14	10.50
285	18	6	18	13.50
286	18	6	21	15.75
287	18	6	65	48.75
288	18	6	86	64.50
289	18	6	90	67.50
290	20	6	5	3.00
291	20	6	20	17.00
292	20	6	29	24.50
293	20	6	53	43.00
295	22	6	56	51.50
296	22	6	66	62.00
297	22	6	74	69.50
298	22	6	80	75.00
299	24	6	29	29.00
300	24	6	41	41.00
301	14	7	18	9.00
302	22	8	12	9.00
303	32	8	7	4.75
304	14	9	8	4.00
305	14	11	8	4.50
306	14	11	10	5.00
307	16	9	20	12.00
308	16	11	25	15.00
309	7	3	7	84c
310	7	3	9	1.10
311	7	3	11	1.25
312	7	3	30	4.50
313	8	3	8	1.20
314	8	3	27	4.75
315	8	3	36	6.25
316	9	3	89	17.75
317	10	3	22	4.75
318	10	3	24	5.25
319	10	3	33	7.25
320	10	3	35	7.60
321	12	3	34	8.50
322	12	3	37	9.25
323	12	3	45	11.00
324	16	3	72	21.50
325	34	3	35	24.00
326	34	3	45	31.00
327	36	3	6	3.00
328	26	4	19	10.00

We Have an Enormous Stock of Fire Hose from the St. Louis Fair.

Fire Department Hose.

Double Jacket Cotton Rubber Lined.

Fifty thousand feet, size 1½ inch, 4 ply, solid Rubber Hose. Excellent for factories, mills, public buildings, etc. This hose was purchased by the Exposition under a guarantee that it would stand a pressure of at least 400 pounds. Most of it is of the New York Belting and Packing Company's manufacture. Considerable of it is of special brand, manufactured for Fairbanks, Morse & Co. and sold by them to the Exposition Company. This hose was used inside of the buildings and considerable of it has never seen any service. It is first class for general use. It is in 50 foot lengths and fitted with brass automatic couplings with iron pipe thread.



947-A9.

In lots of 100 feet or more we offer same, per 100 feet $18.00

Special prices on very large lots.

10,000 feet same as above, in 25 foot lengths. Per length $4.50

Fifty thousand feet of double jacketed, cotton rubber lined fire department hose, 2½ inches in diameter, representing the makes of all the leading hose manufacturers in this country; used for the fire department and naturally a very high quality, as it was on a high pressure line. This hose is in fine condition; some of it has never seen service. It is fitted with brass automatic couplings. We can furnish almost any thread desired. It is in 50 foot lengths.

Price per length for first selection.... $27.00
Price per length for second selection 24.00
Price per length for third selection.. 15.00

GARDEN HOSE.

15,000 feet ¾ inch 3 ply Garden Hose, complete with couplings, 50 foot lengths. Per length $2.00

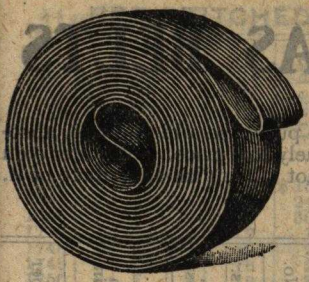
RUBBER BELT REMNANTS.

These remnants are brand new and of high grade material. We are offering them at extremely low prices to make room for an enormous stock that we recently purchased. We carry in stock large quantities of leather, rubber and canvas belting, both new and slightly used, that we are cleaning out at less than cost. Order now while this sale lasts.

Item No.	Length feet.	inches.	Ply.	Price per belt.
1A.	35	10	3	$ 6.00
2A.	33	10	3	5.75
3A.	24	10	3	4.25
4A.	32	10	3	4.00
5A.	37	12	3	8.00
6A.	45	12	3	9.50
7A.	34	12	3	7.50
8A.	15	11	4	3.50
9A.	19	11	4	4.50
10A.	13	11	4	3.00
11A.	30	11	4	7.00
12A.	20	11	4	4.75
13A.	15	11	4	3.50
14A.	34	11	4	8.00
15A.	50	11	4	12.00
16A.	59	11	4	14.00
17A.	53	11	4	12.75
18A.	21	11	4	5.00
19A.	27	11	4	6.75
20A.	47	11	4	11.25
21A.	23	11	4	5.50
22A.	25	11	4	6.00
23A.	51	13	4	14.25
24A.	33	13	4	9.25
25A.	53	13	4	14.85
26A.	45	13	4	12.60
27A.	39	13	4	11.00
28A.	36	13	4	10.25
29A.	11	13	4	3.00
30A.	12	13	4	3.25
31A.	10	13	4	2.75
32A.	26	14	4	7.75
33A.	42	14	4	12.50
34A.	20	14	4	6.00
35A.	38	14	4	11.25
36A.	30	14	4	9.00
37A.	34	14	4	10.20
38A.	55	15	4	17.60
39A.	48	15	4	15.35
40A.	57	15	4	18.25
41A.	24	15	4	7.65
42A.	17	15	4	5.00
43A.	15	15	4	4.50
44A.	30	15	4	9.00
45A.	51	15	4	18.35
46A.	37	15	4	13.25
47A.	28	15	4	10.00
48A.	72	15	4	25.75
49A.	31	15	4	9.35
50A.	41	15	4	14.75

GANDY BELT REMNANTS.

Item No.	Length. feet.	inches.	Ply.	Price per belt.
51A.	10	14	12	$ 4.00
52A.	16	14	12	6.40
53A.	14	14	12	5.60
54A.	10	14	8	3.00
55A.	21	18	8	10.50
56A.	17	18	10	8.50
57A.	18	18	12	12.60
58A.	17	18	12	12.00
59A.	9	18	12	4.50
60A.	14	20	12	8.40
61A.	26	20	12	18.00
62A.	19	22	12	14.00
63A.	10	24	8	4.50
64A.	8	24	12	5.00
65A.	32	34	12	32.00



STITCHED CANVAS BELTING

LIST No. 7

Strictly New and Guaranteed Perfect and the Strongest Stitched Canvas Belting That is Manufactured.

We can not speak too highly of the purchase made by us of these goods at a manufacturer's sale. Such excellent Belting was never seen before, especially in connection with such prices. It is practically impossible for the plies to separate, so closely are the rows of stitching sewed. Its friction is remarkable. It is absolutely waterproof, and no oil can injure it in the least. This belting is thoroughly stretched and is not shop-worn, yet selling at the following extremely low prices:

Net Price List Per Foot in Cents

Width. Inches.	Price. 4 Ply.	Price. 6 Ply.	Width. Inches.	Price. 4 Ply.	Price. 6 Ply.
1	2½c	...	7	21c	30c
1½	4½c	...	8	24c	35c
2	6 c	...	9	27c	40c
2½	7½c	...	10	30c	45c
3	9 c	...	12	33c	52c
3½	10½c	...	13	...	60c
4	12 c	18c	14	...	66c
4½	13½c	20c	15	...	70c
5	15 c	22c	16	...	74c
6	18 c	26c	18	...	84c

HERE'S HOW THEY GO.

Endless Red Canvas stitched, width 8 inches, ply 4, length of each belt 150 feet.
Price, per belt **$36.00**
Endless Red Canvas stitched, width 7 inches, ply 4, length of each belt 150 feet.
Price, per belt **$31.50**

GANDY COTTON BELTING.

As far as quality and durability are concerned these belts are far ahead of anything you can find. They are brand new. Any size or ply always in stock. You make no mistake when you buy this kind. All our belting is fully guaranteed.

Width	Price, per foot, 4 ply.	6 ply
5 inch	$0.18	
6 "	.21	$0.27
7 "	.24	.32
8 "	.27	.36
10 "		.46
12 "		.55

Larger sizes quoted on application. **WE GUARANTEE OUR BELTING.**

ENDLESS STITCHED RUBBER BELTS.

"PREMIER" BRAND.

This grade is especially recommended to anyone looking for a first-class **Endless Stitched Rubber Belt** either for threshing or other hard usages. The belts are fully guaranteed, and are as high a grade belt as is manufactured. If you are looking for a belt that will give entire satisfaction, send us your order for this brand.

The stitching on these belts makes them much more satisfactory, increasing their strength and does away with the danger of the plies coming apart. They are new, manufactured by one of the most reputable makers on the market.

Item No.	No. of Belts	Length of each—feet	Width Inches	Ply	Price per foot any quantity	Price, each complete belt
B 53	3	140	6	4	$0.25	$35.00
B 54	14	150	6	4	.25	37.50
B 55	6	170	6	4	.25	42.00
B 56	8	140	7	4	.29	40.00
B 57	4	150	7	4	.29	43.00
B 58	5	170	7	4	.29	48.00
B 59	10	140	8	4	.34	47.00
B 60	3	150	8	4	.34	50.00
B 61	1	160	8	4	.34	52.50
B 62	2	170	8	4	.34	55.00
B 63	2	140	9	4	.43	60.00
B 64	2	150	9	4	.43	64.00
B 65	2	160	9	4	.43	68.00
B 66	2	170	9	4	.43	72.00

You will note that our prices on these endless belts include the 3 feet necessary to make them endless. As a rule, jobbers charge 3 feet extra in making belts endless. We have absorbed this charge on the above quotation. In other words, when you buy 140 feet from us, you are practically getting 143 feet.

Note all of the belts are strictly NEW. When you want a Boiler or an Engine get our List of Machinery.

RED STITCHED CANVAS BELTS

REMNANT LIST

In the following list you will find an excellent opportunity to purchase a high-grade, absolutely perfect, brand new, Red Stitched Canvas Belt at an extremely low price. We offer you a splendid chance to save money. It's your own fault if you do not take quick advantage of it.

ORDER BY LOT NO.

Item No.	No. of Pieces.	Width, inches.	Ply.	Length of each in feet.	Price per Belt.
1535	3	1½	4	24	$ 0.70
1536	5	1½	4	25	.75
1537	7	1½	4	26	.78
1538	1	1½	4	27	.80
1539	1	1½	4	29	.85
1540	1	1½	4	60	1.80
1541	1	1½	4	120	3.50
1542	1	1½	4	210	6.00
1543	1	1½	4	302	9.00
1544	1	1¾	4	4	.10
1545	1	1¾	4	10	.25
1546	4	1¾	4	24	.72
1547	2	1¾	4	25	.75
1548	4	1¾	4	26	.78
1549	3	2	4	3	.05
1550	3	2	4	4	.08
1551	1	2	4	7	.20
1552	1	2	4	8	.22
1553	2	2	4	9	.25
1554	2	2	4	10	.40
1555	1	2	4	12	.50
1556	1	2	4	17	.75
1557	2	2	4	22	1.00
1558	1	2	4	24	1.10
1559	2	2	4	25	1.15
1560	2	2	4	26	1.20
1561	3	2	4	27	1.25
1562	3	2	4	28	1.30
1563	4	2	4	29	1.35
1564	1	2	4	30	1.40
1565	1	2	4	31	1.45
1566	1	2	4	32	1.50
1567	1	2	4	34	1.55
1568	1	2	4	37	1.60
1569	1	2	4	45	2.00
1570	1	2	4	50	2.25
1571	1	2	4	65	2.95
1572	1	2	4	110	5.00
1573	1	2	4	215	9.50
1574	1	2	4	320	13.00
1575	1	2¼	4	5	.20
1576	1	2½	4	22½	1.10
1577	1	2½	4	26	1.30
1578	1	2½	4	30	1.50
1579	1	2½	4	33	1.65
1580	1	2½	4	54	2.70
1581	1	2½	4	55	2.73
1582	1	2½	4	78	3.90
1583	1	2½	4	92	4.60
1584	1	2½	4	100	1.50
1585	1	2½	4	166	8.30
1586	1	2½	4	216½	10.75
1587	1	2½	4	242	12.00
1588	1	2½	4	276	13.50
1589	1	2½	4	286	14.00
1590	1	2½	4	308	15.00
1591	1	2½	4	312	15.20
1592	1	2½	4	336	16.00
1593	2	3	4	5	.20
1594	1	3	4	6	.25
1595	1	3	4	7	.30
1596	2	3	4	11	.65
1597	2	3	4	12	.71
1598	1	3	4	14	.84
1599	1	3	4	16	.95
1600	1	3	4	16½	.96
1601	1	3	4	17½	1.05
1602	1	3	4	18	1.10
1603	2	3	4	25	1.50
1604	1	3	4	27	$ 1.60
1605	1	3	4	29½	1.75
1607	1	3	4	30	1.80
1608	1	3	4	31	1.86
1609	1	3	4	36	2.15
1610	1	3	4	46	2.75
1611	1	3	4	48½	2.90
1612	1	3	4	56	3.35
1613	1	3	4	58	3.45
1614	1	3	4	85	5.00
1615	2	3	4	115	6.75
1616	1	3	4	308	18.00
1617	1	3	4	345	20.00
1618	1	3½	4	9	.55
1619	1	3½	4	13	.90
1620	1	3½	4	19	1.35
1621	1	3½	4	20	1.45
1622	1	3½	4	23	1.60
1623	1	3½	4	25	1.75
1624	2	3½	4	35	2.45
1625	2	3½	4	37	2.60
1626	1	3½	4	45½	3.15
1627	1	3½	4	50	3.50
1628	2	3½	4	60	4.20
1629	1	3½	4	70	4.90
1630	1	3½	4	71	4.95
1631	1	3½	4	78	5.45
1632	1	3½	4	100	7.00
1633	1	3½	4	216	15.00
1634	1	3½	4	270	18.50
1635	1	3½	4	307	21.00
1636	1	3½	4	325	22.00
1637	1	4	4	4	.20
1638	2	4	4	6	.45
1639	2	4	4	7	.55
1640	3	4	4	8	.65
1641	2	4	4	10	.80
1642	2	4	4	12	.95
1643	2	4	4	13	1.05
1644	1	4	4	13½	1.10
1645	2	4	4	14	1.15
1646	1	4	4	14½	1.20
1647	1	4	4	16	1.30
1648	2	4	4	17	1.40
1649	3	4	4	18	1.50
1650	1	4	4	20	1.65
1651	1	4	4	21½	1.75
1652	1	4	4	27	2.20
1653	1	4	4	30	2.50
1654	1	4	4	38½	3.15
1655	1	4	4	43	3.50
1656	1	4	4	52	4.20
1657	1	4	4	101	8.10
1658	1	4	4	120	9.60
1659	1	4	4	145	11.60
1660	1	4	4	253	20.20
1661	1	4	4	263	21.00
1662	1	4	4	269½	21.50
1663	1	4	4	302	24.00
1664	1	4	4	332	26.00
1665	1	4	4	354	28.00
1666	1	4½	4	16	1.50
1667	1	4½	4	25	2.25
1668	1	4½	4	27	2.45
1669	1	4½	4	28	2.55
1670	1	4½	4	42	3.80
1671	1	4½	4	53	4.90
1672	1	4½	4	86	7.80
1673	1	4½	4	105	9.45
1674	1	4½	4	183	$ 16.25
1675	1	4½	4	285	25.50
1677	1	4½	4	287	25.70
1678	1	4½	4	305	27.00
1679	1	5	4	4	.35
1680	2	5	4	5	.40
1681	1	5	4	6	.45
1682	2	5	4	8	.90
1683	1	5	4	9	1.00
1684	1	5	4	10	1.15
1685	3	5	4	11	1.30
1686	1	5	4	12	1.45
1687	1	5	4	13	1.65
1688	2	5	4	14	1.75
1689	1	5	4	18	2.25
1690	1	5	4	19½	2.40
1691	1	5	4	21	2.50
1692	1	5	4	23	2.75
1693	1	5	4	24	2.90
1694	1	5	4	25	3.05
1695	1	5	4	26	3.20
1696	1	5	4	37	4.50
1697	1	5	4	40	4.90
1698	1	5	4	42	5.20
1699	1	5	4	47	5.80
1700	2	5	4	58	6.95
1701	3	5	4	65	7.80
1702	1	5	4	110	13.20
1703	1	5	4	180	21.50
1704	1	5	4	258	30.00
1705	1	5	4	296	35.00
1706	1	5	4	320	38.00
1707	2	5½	4	25	3.25
1708	1	5½	4	50	6.50
1709	4	5½	4	65	8.45
1710	1	5½	4	80	10.40
1711	2	5½	4	105	13.60
1712	1	5½	4	145	18.00
1713	1	5½	4	210	26.00
1714	1	5½	4	257	32.00
1715	1	5½	4	312	39.00
1716	1	5½	4	314	39.25
1717	1	6	4	4½	.60
1718	3	6	4	6	.90
1719	1	6	4	7	1.05
1720	1	6	4	8	1.20
1721	1	6	4	8½	1.30
1722	3	6	4	9	1.40
1723	2	6	4	10	1.60
1724	2	6	4	11	1.75
1725	2	6	4	13	2.05
1726	1	6	4	14	2.20
1727	3	6	4	15	2.35
1728	2	6	4	16	2.50
1729	2	6	4	17	2.65
1730	1	6	4	18	2.80
1731	1	6	4	19	2.95
1732	1	6	4	20	3.10
1733	1	6	4	21	3.25
1734	2	6	4	24	3.70
1735	1	6	4	29	4.45
1736	1	6	4	35	5.25
1737	2	6	4	38	5.70
1738	1	6	4	39	5.85
1739	1	6	4	39½	5.90
1740	1	6	4	40	6.00
1741	1	6	4	53½	8.00
1742	1	6	4	88	13.20
1743	1	6	4	91	13.65

Do not delay in ordering from this bargain list

RED STITCHED CANVAS BELTS—REMNANT LIST—Continued

Item No.	No. of Pieces.	Width, inches.	Ply.	Length of each in feet.	Price per Belt.	Item No.	No. of Pieces.	Width, inches.	Ply.	Length of each in feet.	Price per Belt.	Item No.	No. of Pieces.	Width, inches.	Ply.	Length of each in feet.	Price per Belt.
1744	6	6	4	105	$ 15.75	1825	1	6	6	18	$ 3.60	1907	1	14	6	12	$ 3.00
1745	1	6	4	161	24.00	1826	1	6	6	19½	3.75	1908	1	14	6	22	9.25
1746	1	6	4	243	36.00	1827	2	6	6	31	5.60	1909	2	14	6	25	10.50
1747	1	7	4	7	1.00	1828	1	6	6	32½	5.80	1910	3	14	6	27	11.50
1748	2	7	4	12	2.00	1829	1	6	6	46½	8.30	1911	2	14	6	30½	13.00
1749	1	7	4	16	2.75	1830	3	6	6	90	16.00	1912	2	14	6	35	15.00
1750	3	7	4	18	3.10	1831	1	6	6	113	20.00	1913	1	14	6	38	16.50
1751	3	7	4	19	3.30	1832	1	6	6	172	30.00	1914	2	14	6	40	17.50
1752	2	7	4	24	4.10	1833	1	7	6	11	1.50	1915	2	14	6	63	32.50
1753	2	7	4	27	4.65	1834	1	7	6	27	5.75	1916	1	14	6	69	36.00
1754	1	7	4	33	5.70	1835	1	7	6	77	16.00	1917	1	14	6	84	44.50
1755	1	7	4	36	6.20	1836	1	7	6	100	21.00	1918	2	14	6	150	79.50
1756	2	7	4	53	7.40	1837	1	7	6	351	71.00	1919	1	14	6	314	166.00
1757	1	7	4	59	8.40	1838	1	8	6	7	.70	1920	1	14	6	325	171.50
1758	2	7	4	75	12.75	1839	1	8	6	8	.80	1921	1	14	6	337	177.00
1759	1	7	4	98	16.65	1840	1	8	6	10½	1.25	1922	1	14	6	349	183.00
1760	2	7	4	100	17.00	1841	2	2	6	11	1.50	1923	1	15	6	27	9.45
1761	1	7	4	105	17.85	1842	2	8	6	12	2.00	1924	1	13	6	138	68.00
1762	1	7	4	149	25.00	1843	1	8	6	13	2.50	1925	1	16	6	6	1.50
1763	1	7	4	220	37.00	1844	2	8	6	14	3.00	1926	1	16	6	8	2.00
1764	1	7	4	355	60.00	1845	4	8	6	15	3.25	1927	1	16	6	11	4.00
1765	1	7	4	372	63.00	1846	1	8	6	23	5.50	1928	1	16	6	13	4.75
1766	2	8	4	5	.50	1847	1	8	6	30	7.50	1929	1	16	6	47	28.00
1767	1	8	4	12	1.90	1848	1	8	6	31½	7.75	1930	1	18	6	45	24.75
1768	2	8	4	19	3.00	1849	1	8	6	32	8.00	1931	1	6	8	34	8.25
1769	1	8	4	26	4.20	1850	2	8	6	80	19.25	1932	1	6	8	44	10.75
1770	1	8	4	36	5.75	1851	1	8	6	110	26.00	1933	2	7	8	100	33.00
1770½	1	8	4	97	19.40	1852	1	8	6	130	31.00	1934	1	7	8	300	99.00
1771	1	8	4	3	.30	1853	1	9	6	45	14.50	1935	1	8	8	8	1.50
1772	1	8	4	6	.65	1854	1	9	6	90	29.00	1936	1	8	8	17	3.75
1773	2	8	4	9	1.00	1855	1	9	6	104	34.00	1937	1	8	8	23½	7.00
1774	1	8	4	14	2.10	1856	1	9	6	187	61.00	1938	1	8	8	25½	7.75
1775	1	8	4	15	2.25	1857	1	9	6	325	108.00	1939	1	8	8	100	38.00
1776	1	8	4	16	2.55	1858	1	9	6	41	13.00	1940	2	8	8	150	57.00
1777	1	8	4	18	2.90	1859	2	9	6	35	10.50	1941	1	8	8	343	130.00
1778	2	9	4	14	2.50	1860	2	9	6	34	10.25	1942	1	10	8	13	5.00
1779	3	9	4	16	2.90	1861	2	9	6	30	9.00	1943	1	10	8	18	7.00
1780	1	9	4	24	4.35	1862	1	9	6	29	8.75	1944	2	10	8	28	11.50
1781	1	10	4	5	.60	1863	1	9	6	27½	8.25	1945	1	10	8	37	15.00
1782	1	10	4	5½	.65	1864	1	9	6	25	6.75	1946	1	10	8	67	27.00
1783	3	10	4	11	1.50	1865	1	9	6	16	4.00	1947	1	11	8	40½	17.00
1784	1	10	4	13	2.50	1866	1	9	6	15	3.75	1948	1	12	8	7	1.00
1785	1	10	4	22	4.40	1867	2	10	6	5	1.00	1949	1	12	8	8	1.50
1786	1	10	4	25	5.00	1868	1	10	6	6	1.20	1950	1	12	8	10	2.50
1787	1	10	4	26	5.20	1869	1	10	6	7½	1.50	1951	1	12	8	17	8.00
1788	1	10	4	27½	5.40	1870	1	10	6	12	3.00	1952	1	12	8	20½	9.25
1789	1	10	4	29	5.85	1871	2	10	6	14	4.20	1953	2	12	8	22	10.25
1790	1	10	4	30	6.10	1872	1	10	6	15	4.50	1954	1	12	8	22½	10.50
1791	1	12	4	7	.75	1873	1	10	6	23½	7.50	1955	2	12	8	31	15.00
1792	1	12	4	17	4.00	1874	1	10	6	27	8.75	1956	2	12	8	43	21.50
1793	1	12	4	34	8.25	1875	1	10	6	28½	9.15	1957	2	12	8	46	24.00
1794	1	12	4	35	8.75	1876	1	10	6	30½	9.75	1958	1	12	8	115	62.50
1795	1	12	4	48	12.00	1877	1	10	6	48	15.25	1959	1	12	8	337	184.00
1796	1	14	4	26	7.50	1878	2	10	6	65½	23.00	1960	1	12	8	359	196.00
1797	1	4	6	4	.35	1879	1	10	6	93	33.00	1961	1	13½	8	56	30.00
1798	8	4	6	8	.75	1880	1	10	6	178½	63.00	1962	1	14	8	10	2.75
1799	1	4	6	18	1.90	1881	1	10	6	201	72.00	1963	1	14	8	13	3.50
1800	1	4	6	22½	2.75	1882	1	10	6	320	114.00	1964	1	14	8	14	4.00
1801	1	4	6	27	3.25	1883	1	12	6	4½	1.00	1965	2	14	8	16	4.50
1802	1	4	6	28	3.40	1884	1	12	6	7	2.00	1966	1	14	8	17	5.00
1803	1	4	6	42	5.00	1885	1	12	6	8	2.50	1967	1	14	8	25	7.00
1804	1	4	6	90	11.00	1886	1	12	6	9	3.00	1968	1	14	8	36	21.00
1805	1	4	6	130	15.75	1887	1	12	6	12	4.00	1969	1	14	8	68	47.60
1806	1	4	6	226	27.00	1888	1	12	6	13	4.50	1970	1	14	8	100	70.00
1807	1	4	6	251	30.00	1889	1	12	6	15½	5.25	1971	1	14	8	200	140.00
1808	1	5	6	4½	.45	1890	2	12	6	18	6.50	1972	1	14	8	310	217.00
1809	1	5	6	8½	.85	1891	1	12	6	20	7.20	1973	1	14	8	343	238.00
1810	2	5	6	17	2.50	1892	3	12	6	23	8.25	1974	1	16	8	7	1.75
1811	2	5	6	24	3.65	1893	4	12	6	27	9.75	1975	1	16	8	13	4.00
1812	3	5	6	25	3.75	1894	2	12	6	28	10.00	1976	1	16	8	22	11.00
1813	1	5	6	27	4.05	1895	1	12	6	31	11.25	1977	1	16	8	32	16.00
1814	2	5	6	28	4.20	1896	2	12	6	33	13.00	1978	1	16	8	37	20.00
1815	1	5	6	42	6.30	1897	1	12	6	41½	17.00	1979	1	16	8	40	22.50
1816	2	5	6	46	6.90	1898	2	12	6	44	18.00	1980	1	16	8	113	90.00
1817	1	5	6	47	7.05	1899	2	12	6	53	23.00	1981	1	17	8	49	34.00
1818	2	5	6	94	14.10	1900	1	12	6	55	24.00	1982	1	18	8	9	3.00
1819	2	5	6	126	18.90	1901	1	12	6	60½	26.50	1983	1	18	8	17	6.50
1820	1	5	6	211	31.00	1902	3	12	6	100	44.00	1984	1	18	8	21	10.00
1821	1	5	6	213	31.25	1903	2	12	6	140	51.50	1985	1	18	8	130	117.00
1822	1	5	6	246	36.00	1904	1	12	6	199	87.50	1986	1	18	8	309	278.00
1823	1	5½	6	33½	5.50	1905	1	12	6	314	138.00	1987	1	20	8	297	297.00
1824	1	6	6	5	.50	1906	1	12	6	340	149.00						

THESE BELTS ARE ALL BRAND NEW

Scrap Belting.

Lot No. 9. We have an enormous quantity of second-hand leather belt remnants suitable for a thousand and one purposes, that we will sell at,

Per pound.....$0.07½

Lot No. 10. Second-hand **Rubber** belt remnants, that we secured ridiculously low for such quality at a manufacturer's sale. This we offer at,

Per pound.....$0.05

No orders accepted for particular sizes.

White Cotton Belts.

Remnant List of Brand New Belts.

Stem No.	No. of Pieces	Width inches	Ply	L'ngth of E'ch Belt	Price per Belt
1988	1	7	4	47	$5 60
1989	1	7	4	62	7 40
1990	1	7	4	63	7 50
1991	1	9	4	86	13 75
1992	1	9	4	100	16 00
1993	1	10	4	60	10 75
1994	1	10	4	79	14 20
1995	1	10	4	106	19 00
1996	1	10	4	125	22 50
1997	1	11	5	32	8 00
1998	1	11	5	40	10 00
1999	1	11	5	90	22 50
2000	1	11	5	200	50 00
2001	1	8	6	63	12 50
2002	1	8	6	80	16 00
2003	1	8	6	92	18 25
2004	1	10	6	52	14 00

Will cut to any length.

Lace Leather Raw Hide.

Large quantity purchased from sale, brand new, put up 100 feet to package, cut to widths. This is strictly first grade raw hide lacing.

	Price per 100 foot package
¼-inch	$0.63
5-16 inch	.75
⅜-inch	.80
½-inch	1.25
Raw hide lace leather, insides, per square foot	.33

Prices on sizes not listed on application.

Improved Pointed Belt Hooks.

Always in stock. The best article for Rubber, Leather and Canvas Belting.

No. 0 Length ⅛ inch. No. 2 Length ⅝ inch
No. 1 " ⅜ " No. 3 " ¾ "

Per box of about 200.....$0.22

RUBBER BELTS.

SPECIAL JOB.

Sizes 11 to 16 Inch—No. J. D. 1.

	Per ft.
1275 ft. 11 inch, 4 ply—New—lengths from 10 to 75 ft. Will make any size belt, using belt hooks	$0.24
1050 ft. 13 inch, 4 ply, same as above	.28
850 ft. 14 inch, 4 ply, same as above	.30
272 ft. 15 inch, 4 ply, same as above	.32
586 ft. 16 inch, 4 ply, same as above	.36

Camel Hair Belting.

Lot No. 4. These belts are also offered at sacrifice prices on account of short lengths. We only have the following four belts in stock, and if you want them get in your order quick. These belts will only be sold as listed. No belts cut.

12 ft. 12 inch, 6 ply, per belt	$ 4.00
19 " 16 " 6 " " "	8.50
22 " 20 " 6 " " "	12.50
22 " 20 " 6 " " "	12.50

One Inch

SUCTION HOSE.

No. 642.

250 pieces of good second hand, one inch, wire lined Suction Hose —all 4 foot long— Each end with female threaded coupling at both ends.

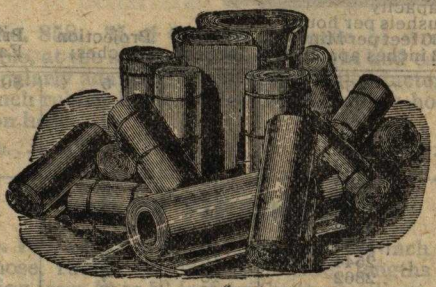
Price, per length $0.25

If you need Boilers, Engines, Pumps, or Machinery of any kind, write for our List.

PACKING OF ALL KINDS.

ALWAYS ON HAND--A CLEAN, UP-TO-DATE STOCK OF NEW PACKING.

SHEET PACKING.



Lot No. 1. Cloth Insertion Packing, used by engineers and steam users in general. It combines smoothness of finish, strength of cloth insertion, pliability and durability. In rolls 36 inches wide. We do not cut the rolls lengthwise, but will furnish any quantity 1 yard wide. Thicknesses, 1/32, 1/16, 3/32, 1/8, 3/16, 1/4 inch.

Per pound.....$0.11½

Lot No. 2. We have in stock 50 rolls of Cloth Insertion Sheet Packing, all 1/4 inch thick. Rolls are from 36 to 40 inches in width. We purchased this at an extremely low price. The material is new, although slightly hardened. It is very practical for many uses, such as for steam joints, weather strips, matting, for deadening purposes, etc. We will sell this material at the following prices:

Price, per pound (less than 100 pounds)..$0.05
In lots of 100 pounds.....$0.04
In lots of 300 pounds.....$0.03
In lots of 500 pounds.....$0.02½

Lot No. 3. Red Sheet Packing, equal to the highest grade on the market. It is intended for general use, and will not harden under the most extreme heat, and is very satisfactory for making gaskets, etc. Put up in rolls 36 inches wide. We do not cut rolls lengthwise, but will furnish any quantity 1 yard wide and any length desired. Sizes in stock, 1/32 to 1/4 inch.

Price, per pound.....$0.45

Smith's Automatic Packing

This packing comes 3/8", 1/2", 5/8" and 1-inch thick. Each section is made in a V shape fitted into each other so that it tightens automatically as the pressure increases. In rolls of 25 feet.

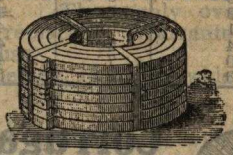
Price, per pound.....$0.30

Directions for Using Smith's Automatic Packing.—Cut the rings in a long bevel, and cut joints. **Do not use Packing too large** (it had better be 1-16-inch too small than 1-32-inch too large). Do not force or drive packing in stuffing box. (Throw away your packing stick and use your fingers). Screw up the **Gland Tight** and allow the engine to make two or three revolutions, then release the pressure of the gland until it leaks, and then screw up the nuts with the fingers, until the leak stops. By following these directions you will find this packing the best you ever used.

Lot No. 5. Wire Insertion Packing. This packing comes in thicknesses from 1/16 inch up. It is used in hot joints where a cloth insertion packing would be rotted or burnt out by the heat. It is stronger and more durable.

Price, per pound.....$0.32

PISTON PACKING.



Round and square, made from the best quality cotton duck and rubber.

Lot No. 6. Round White Friction Piston Packing, in sizes from 1/4 to 2 inches, and in length to 12 feet.

Price, per pound.....$0.30

Lot No. 7. Square White Friction Piston Packing, in sizes from 1/4 to 2 inches, and in lengths of 12 or 25 feet.

Price, per pound.....$0.30

Lot No. 8. Square Black Friction Piston Packing, in sizes from 1/4 to 2 inches, and in lengths of 12 or 25 feet.

Price, per pound.....$0.23

Lot No. 9. Square Hydraulic Piston Packing, made of white friction and fine duck. Comes in sizes from 1/4 to 2 inches, and in lengths of 12 feet.

Price, per pound.....$0.42

Lot No. 10. Square Flax Packing, highest grade, manufactured from long fibre flax on the most improved machine, and saturated with an excellent lubricant. It is used in the water end of pumps and hydraulic elevators. In stock sizes as follows: 1/4, 3/8, 1/2, 5/8, 3/4 and 1 inch.

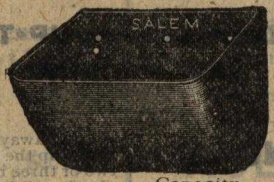
Price, per pound.....$0.25

Lot No. 11. Spiral Graphite Packing, made of the very best quality of stock, guaranteed to give satisfaction. Put up in boxes containing 12 feet, and in sizes from 1/8 to 1 inch.

Price, per pound (any size).....$0.60

Salem Elevator Buckets

BRAND NEW



Capacity Bushels per hour. 200 feet per Minute. 12 inches apart	Width Inches.	Projection Inches.	Price Each	Capacity Bushels per hour. 200 feet per Minute. 12 inches apart	Width Inches.	Projection Inches.	Price Each
21	2	2	$0.02¼	754	9	5	$0.23
40	2½	2¼	.02¾	973	10	5½	.33
59	3	2½	.03¼	1200	10	6	.34
69	3½	3½	.03¾	1590	10	7	.41
87	3	3	.05	1342	11	6	.36
102	3½	3	.05½	1749	11	7	.42
116	4	3	.06	1464	12	6	.38
131	4½	3	.06½	1908	12	7	.44
159	4	3½	.06½	1708	14	6	.41
179	4½	3½	.07	2226	14	7	.48
199	5	3½	.07½	1952	16	6	.49
229	5	4	.10	2544	16	7	.53
251	5½	4	.10½	2862	18	7	.57
274	6	4	.11	2400	20	6	.52
500	7	4½	.16	3180	20	7	.62
670	8	5	.22				



Corrugated and Eclipse Bolts



½ inch x ¼ inch	Price, per 100,	$0.70
⅝ " x ¼ "	" " 100,	.70
¾ " x ¼ "	" " 100,	.75
1 " x ¼ "	" " 100,	.80

White Woven Cotton Belting

For Elevator Purposes

Always in stock. It is new and first class quality

Two Ply.

Width Inches.	Price Per Ft.	Width Inches.	Price Per Ft.	Width Inches.	Price Per Ft.	Width Inches.	Price Per Ft.
1	$0.01½	2½	$0.02½	3½	$0.03	5	$0.05
1½	.02	3	.02¾	4	.03¼	6	.06¼
2	.02¾						

Three Ply.

1½	$0.02¼	4	$0.05½	6½	$0.09½	12	$0.17
2	.03	4½	.06	7	.10	14	.22
2½	.03¼	5	.07	8	.11	16	.26
3	.04¼	5½	.08	9	.12½	18	.29
3½	.05	6	.08½	10	.14	20	.32

Four Ply.

4	$0.07½	7	$0.12	12	$0.22	18	$0.36
4½	.08½	8	.14	14	.27	20	.41
5	.09½	9	.16	16	.32	22	.48
6	.11	10	.18				

Five Ply.

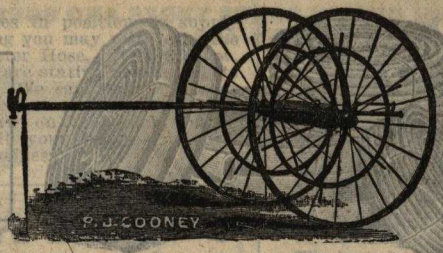
4	$0.12	6	$0.15	10	$0.23	18	$0.46
4½	.13	7	.16	12	.27	20	.52
5	.14	8	.18	14	.34	22	.58
5½	.14½	9	.20	16	.40	24	.65

Six Ply.

6	$0.17	9	$0.24	14	$0.40	20	$0.63
7	.18	10	.27	16	.49	22	.70
8	.20	12	.32	18	.54	24	.88

We can ship orders for this class of material without delay.

MILL HOSE CARTS



Each cart is complete with a wood tool box attached to frame. This is not shown in cut.

No. 858. 75 of these carts made of wrought iron tubing, special fittings, strong and durable, at the same time they are light and easy to handle; steel axle, patent wheels and are particularly adapted for use about mills, factories, and public buildings. They carry 300 feet 2½-inch rubber hose; 400 feet 2-inch rubber hose; 800 feet 2-inch linen hose; 1,000 feet 1½-inch cotton hose.

Price.....each **$17.00**

A JOB OF FIRE HOSE

No. 186. 1,200 feet of second hand 2½-inch fire hose, rubber inside and outside, lengths ranging from 10 to 50 feet, without couplings. This hose is poor quality and is sold without any guarantee.

Price, per foot.....**$0.10**

NARROW RUBBER BELTS

No. 51. 3,000 ft., 1½ inch, 2-ply, shop worn, per foot.....**$0.02½**

TWO-INCH WIRE LINED SUCTION HOSE

No. 1050. 1,500 feet 2-in. in 10, 15, 20 and 25-foot lengths. New.

Per foot.....**$0.25**

No. 50. 1 000 feet 1-inch Discharge Hose in 10, 15, 20 and 25-foot lengths. New.

Per foot.....**$0.11**

LINK LEATHER BELTING

We have the following link leather belts. In good condition. Thoroughly overhauled. All weak parts replaced. Warranted practical for further use.

No. 868. One belt, 15 inches wide, 57 feet long.

Price.....**$25.00**

No. 872. One belt, 13 inches wide, 47 feet long.

Price.....**$18.00**

RUNWAYS

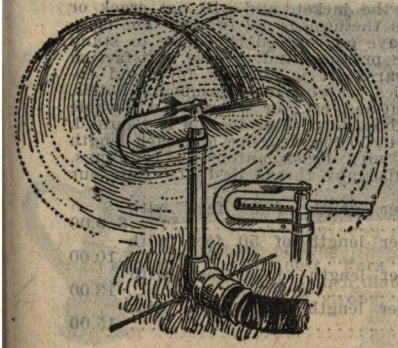
We have in stock 25 second hand rubber belts that are used up for belting purposes, and are excellent for runways for livery stables, etc. These belts are all 12 inches in width, and range in length from 50 to 200 feet.

Price, per lineal foot.....**$0.10**

We also have some miscellaneous sizes, odds and ends of various widths and lengths, which we will sell at 5 cents per pound.

Lawn Sprinklers

PATENT NEW CENTURY SPRINKLERS



200 Brand New Patented Lawn Sprinklers. They are nickel plated and the most practical, and at the same time the simplest sprinkler on the market. It stands, including base, 6 inches high. It gives a fine whirling spray. The arm revolves with very light pressure. It is made of brass; for ¾-inch hose.

Price, Each, 40 Cents

Now is the time to purchase Belting. Our prices are very low

FIRE AND MILL HOSE.

FROM THE **WORLD'S FAIR, ST. LOUIS.**



PRACTICALLY NEW.

TESTED BEFORE SHIPMENT.

Over 100,000 feet of high grade Hose. All the 2½-in. has St. Louis threads. We will however, on application, quote this hose with special couplings for any size thread.

No. 346. 15,000 feet of 2½-inch Norshap double jacket cotton rubber-lined fire department hose, which was made by the Voorhees Rubber Company, and was put to a special test before acceptance by the EXPOSITION authorities, of 400 pounds to the square inch. This hose has expanded ring couplings on every 50 ft. length. Price, per foot.....55 cts.

No. 347. 2,000 feet of 2½-inch double jacket cotton rubber-lined hose, furnished by the Simmons Hardware Co. Guaranteed to stand a test of 400 lbs. Coupled every 50 ft. lengths with expanded ring couplings. Cost 90 cts. per foot. Our price, per foot.....57 cts.

No. 348. 10,000 feet of "Eclipse Brand," furnished by Fairbanks-Morse Co. Size 2⅝ inch, double jacket cotton-lined regular fire department hose. Tested to 400 lbs. pressure. It is coupled every 50 ft. length with expanded ring couplings. Price per foot.....55 cts.

No. 349. 15,000 feet of 1½-inch cotton jacket rubber-lined hose. Coupled in 50 ft. sections with expanded ring couplings. Tested to 300 lbs. to the square inch. Furnished by the James W. Burnes Belting & Hose Co. Price per foot.....20 cts.

No. 350. 10,000 feet of 1½-inch 4-ply rubber hose, furnished by Fairbanks-Morse & Co. Coupled in 25 ft. sections and in 50 ft. sections. Complete with expanded ring brass couplings. Price per foot...25 cts.

No. 351. 9,000 feet New York Belting & Packing Co.'s Double Diamond Brand Hose, 1½-inch 4-ply rubber, with expanded ring couplings. Price per foot.....24 cts. Good as new; in fact, most of it has not been used outside of the fact that it was tested in receiving it.

No. 363. 3,000 feet 2½-inch cotton rubber-lined fire hose for factories and mills; 50 ft. lengths; used six months; fair condition. Per foot.....26 cts.

No. 364. 2,000 feet 2½-inch double jacketed cotton rubber-lined fire department hose. Has seen service. 50 ft. lengths, coupled. Per foot.....30 cts.

No. 356. 1,000 feet of ¾-inch, 4-ply rubber hose, in 50-ft. lengths. "Federal Brand." Per foot.....8 cts.

No. 357. 1,000 feet of ¾-inch, 4-ply New York Belting & Packing Co.'s "Comet Brand" hose, in 50-ft. lengths. Price per foot.....7 cts.

No. 358. 250 feet of ¾-inch wire wound rubber steam hose, 8-ply, in 25-ft. lengths. Made by the Day Rubber Co., for 175 lbs. steam pressure. Price per foot....35 cts.

No. 362. 10,000 feet ¾-inch, 3-ply cheap hose, 50 ft. lengths, not guaranteed. Looks like new. All coupled. Per foot.....4 cts.

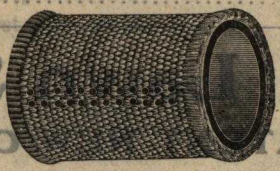
No. 361. 500 feet of ¾-inch cotton rubber-lined garden hose, the "Reliance Brand," made by the Goodyear Rubber Co., in 50 ft. lengths with couplings. Price per foot .....8 cts.

High Grade Cotton Rubber Lined Fire Hose.

From the World's Fair, St. Louis.

Not exactly new, but never was used. Shows very little signs of wear.

Lot No. 6. This hose is rubber-lined in the best manner, so that the water way is absolutely clear and smooth. The tube is made of Para rubber, finest quality, and cannot be separated from the jacket, and will not crack or dry out when the hose is not in use. The manufacturers have guaranteed this hose to stand a fire service pressure and to give satisfaction for three years. It is adapted for hand engines, factories, warehouses, steamboats, hotels, public institutions, etc., or wherever a durable and reliable hose for fire protection is required. It is put up in 50 foot lengths, and each length is complete with brass automatic couplings. We can furnish any thread desired. Note our prices:



1¼ inch, per length of 50 feet, with couplings	$ 9.00
1½ inch, per length of 50 feet, with couplings	10.00
2 inch, per length of 50 feet, with couplings	13.00
2½ inch, per length of 50 feet, with couplings	15.00

THESE ARE ALL IN EXCELLENT CONDITION.

Garden and Water Hose.

We are at all times in position to supply your wants in anything you may require in the way of Garden or Water Hose. It is all new, regular grade, and we are stating absolute facts regarding its quality. We can make shipment immediately upon receipt of order, and the enormous stock we have on hand places us in better position to fill your orders promptly than anyone in the business.

"Standard Brand."

Lot No. 1.
(Not guaranteed.)

It will answer ordinary purposes. It is ¾-inch. Comes in 50-foot lengths, complete with couplings. It is all 50-foot lengths, 3-ply.
Price, per foot.....$0.04¼

"Star Brand."

Lot No. 2.

This is a much better quality than the "Standard." It is intended for those seeking a grade of good, everyday garden hose at way down prices. You will get your money's worth on a purchase of this grade. Note our prices. ¾-inch, 50-foot lengths, complete with couplings.

	Price, per foot.
3 ply	$0.07
4 ply	.09
5 ply	.10

"Premier" Brand.

Lot No. 3.

We especially recommend your purchase of this grade. It is equal to any hose of its kind on the market and will outlast any cheap hose 3 to 1. In the long run it is the cheapest you can purchase. It is guaranteed to give entire satisfaction. You can purchase it with the knowledge that you have an article calculated to please you in every way, at a price below anything of the kind. It is all ¾-inch diameter, 6-ply, and is in 50-foot lengths, complete with couplings.
Price per foot.....$0.12

Cotton Rubber Lined Water Hose.

Lot. No. 4.



The jacket is made of long "Sea Island" cotton and the tube of finest "Para" rubber. It is new, 50-foot lengths, ¾-inch diameter. Complete with couplings. A strong, durable and lasting hose.
Per foot.....$0.10

Wire Wound Rubber Water Hose.



Lot No. 5.

The hose is made of 4-ply high grade material, protected by heavy galvanized wire wound on the outside and is intended for use where the chances are the hose would ordinarily be much abused or neglected. Furnished in 50 foot lengths, ¾-inch diameter, with couplings.
Price, per foot.....$0.10

Steam and Brewers' Hose.

Lot No. 7. Always on hand, a complete assortment of new steam hose, in all sizes. The grade that we furnish is constructed with numerous plies of fine duck and a heavy tube of Para rubber. Note our prices:

Inch.	3-ply, per ft.	4-ply, per ft.	5-ply, per ft.	6-ply, per ft.	7-ply, per ft.	8-ply, per ft.
½	$0.13	$0.16	$0.19	$0.22	$0.27	$0.30
¾	.16	.20	.25	.30	.35	.40
1	.20	.25	.30	.37	.43	.50
1¼	.25	.31	.40	.47	.55	.62
1½	.31	.38	.47	.56	.65	.75
1¾	.37	.45	.55	.65	.76	.87
2	.40	.50	.62	.75	.87	1.00
2¼	.45	.55	.70	.84	1.00	1.15
2½	.50	.63	.78	.95	1.15	1.25

Suction Hose.

Lot No. 8. The suction hose that we are offering is wire-lined in all sizes and has Smooth Bore. It is new and good material, substantially strong, and will not kink or collapse, regardless of what the suction may be.

Diameter.	Price per ft.
1½ inch	.51
1¾ inch	.64
2 inch	.78
2½ inch	1.05
3 inch	1.35
3½ inch	1.65
4 inch	1.95
4½ inch	2.25
5 inch	2.55
5½ inch	2.85
6 inch	3.15

Lot No. 8. Hard Rubber Suction Hose. On sizes 2-inch and smaller we handle this hose. It is made with hard, thick walls, to prevent collapsing while in use.

Diameter.	Price per ft.
¾ inch	$0.19
1 inch	.23
1¼ inch	.30
1½ inch	.42
1¾ inch	.55
2 inch	.70

Water-Conducting Hose.

Lot No. 9. We offer a good grade of regular rubber water-conducting hose for general purposes. It is without couplings.

Diam., in.	2-ply, per ft.	3-ply, per ft.	4-ply, per ft.	5-ply, per ft.	6-ply, per ft.
1	$0.10	$0.12	$0.15	$0.19	$0.23
1¼	.13	.15	.19	.22	.28
1½	.15	.18	.23	.28	.34
2	.19	.24	.30	.38	.45

HOSE PIPES.

MADE WITH DRAWN BRASS TUBES AND SCREW TIP

No. 403



Size inches	Length inches	Price each	Size inches	Length inches	Price each
¾	7½	$0.25	2	12	$1.10
¾	12	.30	2	15	1.35
1	8½	.35	2	20	1.60
1	12½	.35	2½	15	2.30
1¼	12	.60	2½	20	2.80
1¼	15	.70	2½	24	3.00
1½	13	.75	2½	30	4.25
1½	15	.90	2½	36	5.40

BRASS HOSE NOZZLES.

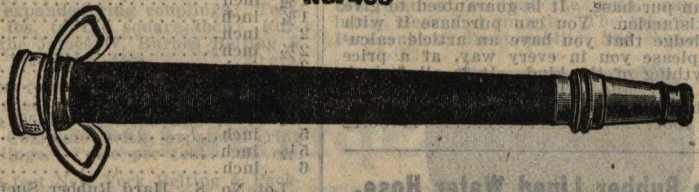
No. 404



Size inches	Length inches	Price each	Size inches	Length inches	Price each
¾	3	$0.12	1½	12	$0.65
¾	8	.20	2	6¾	.77
1	4	.15	2	12	1.00
1¼	4¾	.35	2½	7½	1.10
1¼	12	.52	2½	12	1.60
1½	5¾	.52	2½	22	2.60

THE "UNDERWRITER" PIPE.

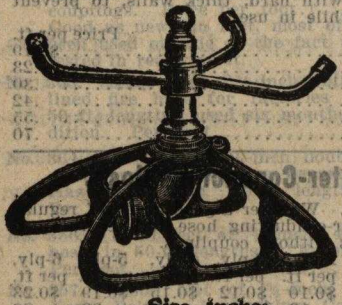
No. 405



2½x30 in., Screw Nozzle, Swivel Handle, wound and painted. Price each.....$5.50

PREMIER LAWN SPRINKLER.

No. 406



Size inches.....¾
Price each.....$0.85

LINCOLN PARK SPRINKLER.

No. 407

No matter what position the hose or sprinkler may be in, the spoon revolves rapidly and throws a larger stream than any similar sprinkler on the market.



Size, inches	Price each
¾	$0.30
1	.35

IF YOU NEED ANY FITTINGS NOT LISTED, WRITE US

Solid Brass Hose Pipe Nozzles
No. 48



With Cock. Brand New.

Size, inches	¾	1	1¼	1½	2	2½
Price, each	$0.40	.50	.00	.00	.00	.00

Solid Brass Hose Pipe
No. 49



Brand New, with Screw Tip.

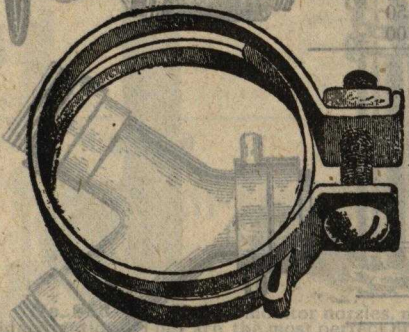
Size, inches	¾	1	1¼	1½	2	2½
Length	8	8				
Price, each	$0.27	.33	.00	.00	.00	.00

Solid Brass Hose Pipes
No. 49½.

Brand New. Plain.

Size, inches	¾	¾	1	1¼	1½	2	2½
Length	4½	7½	8				
Price, each	$0.13	.15	.20				

Stamped Steel Hose Clamps



Clancy's "Sure Grip" Hose Clamps. Brand New. Made of wrought steel.

Clamps for Hydrant and Steam Hose

Size Hose inches	Ply	Each	Per Dozen
¾	3	3c	$0.25
1	3	4c	.40
1¼	3	5c	.48
1½	3	7c	.60
2	3	8c	.80
2½	3	14c	1.35
3	3	20c	2.00
¾	4	3c	.25
1	4	4c	.40
1½	4	7c	.60
2	4	8c	.80
2½	4	14c	1.35
3	4	20c	2.00

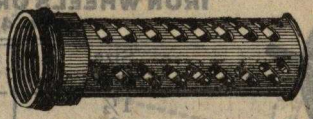
Drive Well Points
With Brass Jackets



They are made of wrought iron pipe, and are thoroughly galvanized outside and inside, after the holes are punched. They have large filtering surface and are in every respect equal to the best points made.

Diameter.	Length.	60 Gauze. Price each.	100 Gauze. Price each.
1¼ inch	24 inch	$0.60	$1.30
1¼ inch	30 inch	.75	1.65
1¼ inch	36 inch	.93	1.95
1¼ inch	42 inch	1.05	2.25
1½ inch	30 inch	.95	1.90
1½ inch	36 inch	1.10	2.30
1½ inch	42 inch	1.40	3.10
1½ inch	48 inch	1.80	3.50
2 inch	30 inch	1.50	2.65
2 inch	36 inch	1.70	3.10
2 inch	42 inch	2.00	3.65
2 inch	48 inch	2.20	4.10

Malleable Strainers



To be used on the end of well and cistern pipe. covered with brass wire cloth.

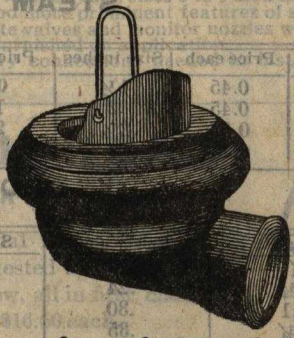
Size, inches	1	1¼	1½	2
Price, each	$0.12	.14	.16	.21

Foot Valves and Strainers

Size, inches.	Price, each.
1¼	$0.35
1½	.48
2	.65
2½	.90
3	1.00
4	1.85



Water Conductors



They are used to conduct water from spout of pump to tank, and are made with swivel head, so water can be carried in any direction.

Price, each.....$0.35

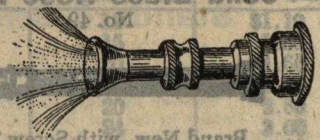
BRASS SPRAY NOZZLES
No. 408



Size inches	Price each
¾	0.35
1	0.60

GEM NOZZLES
No. 409





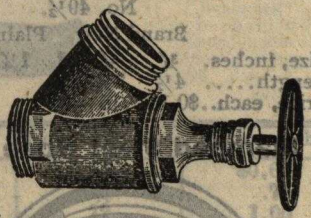
Size Inches	Price each
¾	0 25
1	0 50

HOSE REELS
No. 410



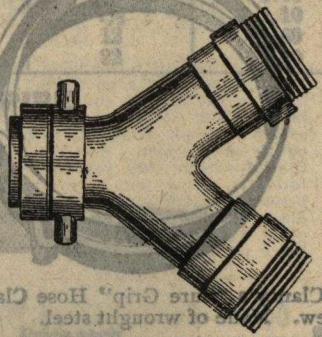
Finished in oil; one size only; capacity, 100 feet ¾-inch hose. It has 6-inch wheel; is made entirely of hard wood and is furnished with a hose-holder on top bar to hold nozzle in position when used as a fountain. Price each ..... 75c.

BRASS HOSE VALVES
IRON WHEELS OR TEE HANDLE
No. 411



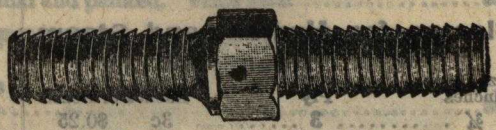
Size inches	Price each
1½	2.00
2	2.50
2½	3.00

SIAMESE CONNECTIONS
WITHOUT VALVES
No. 412



Size inches	Price each
2½	4.50

STEAM HOSE COUPLING
No. 413



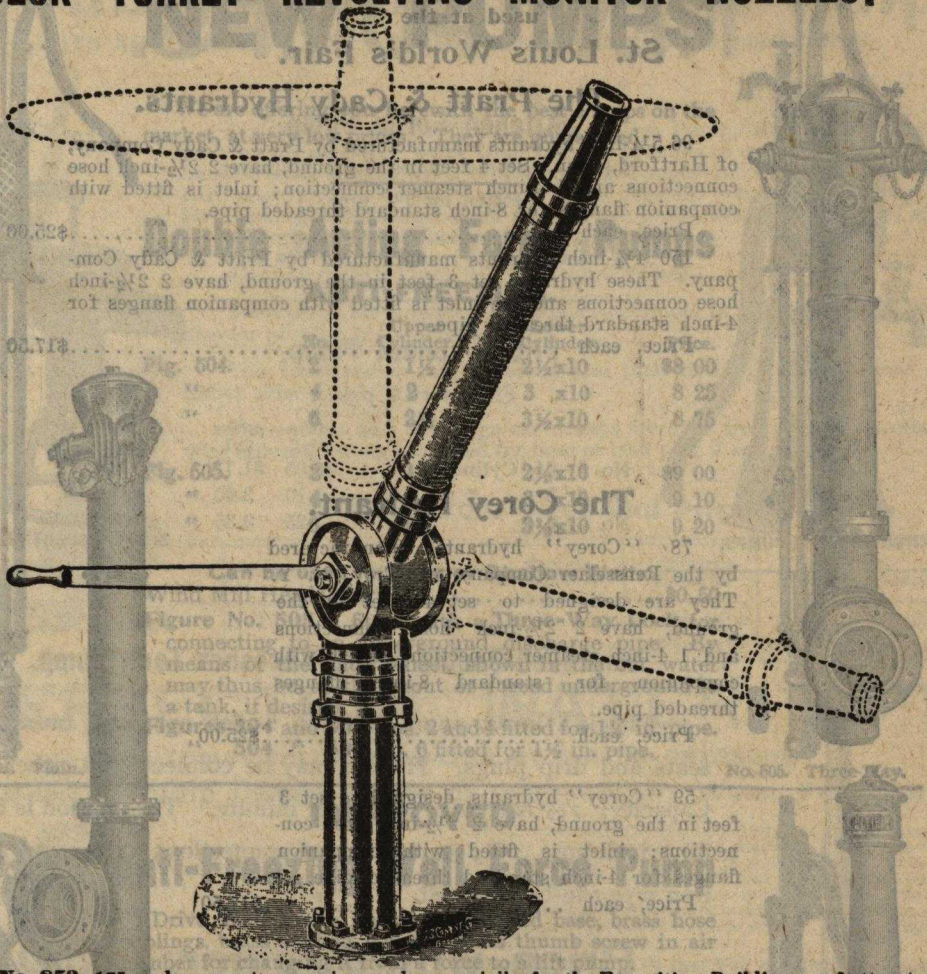
Size inches	Price each	Size inches	Price each
½	0.45	1½	0.87
¾	0.45	2	1.22
1	0.52	2½	2.10
1¼	0.75		

HOSE REDUCERS
No. 414



Size inches	Price each	Size inches	Price each
1x¾	0.19	2x1	0.45
1¼x¾	.24	2x1¼	.50
1¼x1	.30	2x1½	53
1½x¾	.35	2½x¾	.60
1½x1	.35	2½x1	.65
1½x1¼	.40	2½x1¼	.70
2x¾	.42	2½x1½	.70
		2½x2	.75

DECK TURRET REVOLVING MONITOR NOZZLES.



No. 853—175 modern monitor nozzles, made especially for the Exposition Buildings, and attracted wide attention. They are the most perfect fire-fighting apparatus for large factories and public buildings that can be installed. We have them in sizes 4 to 8-inch inlet, 3-inch stream; sizes 3 to 4-inch inlet, 2-inch stream. The attached sketch shows the general construction and more prominent features of same.

75 post indicator gate valves. Sizes 4 and 6-inch. The gate valves and monitor nozzles will be fully explained to those interested. Prices and further information furnished on application.

We also have the cast iron service boxes and all necessary connections needed in installing this system.



FIRE EXTINGUISHERS.

CAME FROM THE WORLD'S FAIR—ST. LOUIS.

No. 600. Stempel Ball and Gold Medal Fire Extinguishers; 3-gallon capacity, solid copper, lead lined, tested to 400 lbs., leased during the Exposition period, practically new, all in first class condition and fully guaranteed, cost $15.00 and $16.50 each.

Price, each.....**$10.50**

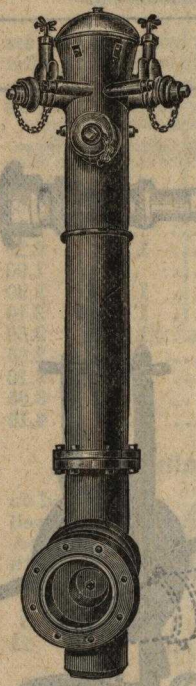


We carry other material besides that listed in this catalogue. Write us your wants.

Hydrants and Indicators

used at the

St. Louis World's Fair.



The Pratt & Cady Hydrants.

96 5¼-inch hydrants manufactured by Pratt & Cady Company, of Hartford, Conn. Set 4 feet in the ground, have 2 2½-inch hose connections and 1 4-inch steamer connection; inlet is fitted with companion flanges for 8-inch standard threaded pipe.

Price, each $25.00

150 4¼-inch hydrants manufactured by Pratt & Cady Company. These hydrants set 3 feet in the ground, have 2 2½-inch hose connections and the inlet is fitted with companion flanges for 4-inch standard threaded pipe.

Price, each $17.50

The Corey Hydrant.



78 "Corey" hydrants manufactured by the Rensselaer Company, of Troy, N. Y. They are designed to set 4 feet in the ground, have 2 2½-inch hose connections and 1 4-inch steamer connection; fitted with companion for standard 8-inch flanges threaded pipe.

Price, each $25.00

59 "Corey" hydrants, designed to set 3 feet in the ground, have 2 2½-inch hose connections; inlet is fitted with companion flanges for 4-inch standard threaded pipe.

Price, each $17.50



Indicator Stands.

42 adjustable indicator stands, adjustable for valves setting 3 to 4 feet in the ground; stand 33 inches above the ground and are fitted with 6-inch M. B. & I. W. screwed gate valve.

Price, each, complete $15.00

36 adjustable indicator stands, adjustable 3 to 4 feet, fitted with 4-inch M. B. & I. W. gate valve.

Price, each, complete $12.50

These stands and valves are used in the mains and are very desirable for isolated plants. When water is not required in these lines, they are shut off by means of a regular hydrant wrench, and when closed it is indicated at the top of the stand by the word "Shut," and when open the indicator reads "Open." A stand of this kind saves the annoyance of the regular underground shut-off inasmuch as they are accessible at all times.

The hydrants and indicator stands above described were used at the World's Fair, St. Louis, and are in fine condition.

NEW PUMPS

We are offering you herewith the best Pumps on the market, at very low prices. They are guaranteed.

Double Acting Force Pumps

ANTI-FREEZING.

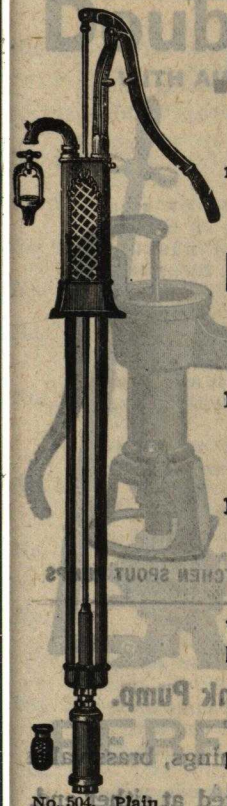
	No.	Upper Cylinder.	Lower Cylinder.	Price.
Fig. 504.	2	1½	2½x10	$8 00
"	4	2	3 x10	8 25
"	6	2½	3½x10	8 75
Fig. 505.	2	1½	2½x10	$9 00
"	4	2	3 x10	9 10
"	6	2½	3½x10	9 20

Can be used in Deep or Shallow Wells.

Wind Mill Heads extra.....$0.50

Figure No. 505 is fitted with a **Three-Way Cock** for connecting to an underground discharge pipe. By means of the hand wheel, shown in the cut, water may thus be at the spout or forced underground to a tank, if desired.

Figures 504 and **505** Nos. 2 and 4 fitted for 1¼ in. pipe.
" **504** " **505** No. 6 fitted for 1½ in. pipe.



No. 504. Plain.



No. 505. Three-Way.

IMPROVED
Anti-Freezing Well Force Pump



Force Pump.

Drive Well Force Pump, with bolted base, brass hose couplings, brass stuffing box and brass thumb screw in air chamber for changing it from a force to a lift pump.

This pump can be used in wells 100 feet deep by lowering the cylinder within 15 or 20 feet of the water. In fact it will work better if the cylinder is placed under water. Diameter of cylinder is 3 inches, suction 1¼ inch pipe.

Price, Brass Lined Cylinder.....$6 00
" Iron " " 5 00

We can also furnish this pump with wind mill head and back outlet opposite spout at the same price.

With Cock Spout, add extra $0 90



Wind Mill Lift Pump.

IMPROVED WIND MILL LIFT PUMP.

With Wrought Iron Set Length.

This pump is well proportioned and made strong and durable. It is adapted for drive well purposes, and will work successfully in wells from 50 to 75 feet deep by lowering the cylinder within 15 or 20 feet of the water. The set length is connected at the spout. We can furnish this pump with round instead of flat rods, if you desire, at the same price. Diameter of cylinder, 3 inches; suction fitted for 1¼ inch pipe.

Price.....$3 50

Write for our Catalogue of Household Goods.

NEW PUMPS.



KITCHEN FORCE PUMPS.

Kitchen Force Pump.

3-inch Seamless Brass Tube Cylinder.
Fitted for 1¼ pipe.

Price, - $4.50

Pitcher Spout Pump,

Fitted for 1¼ pipe.

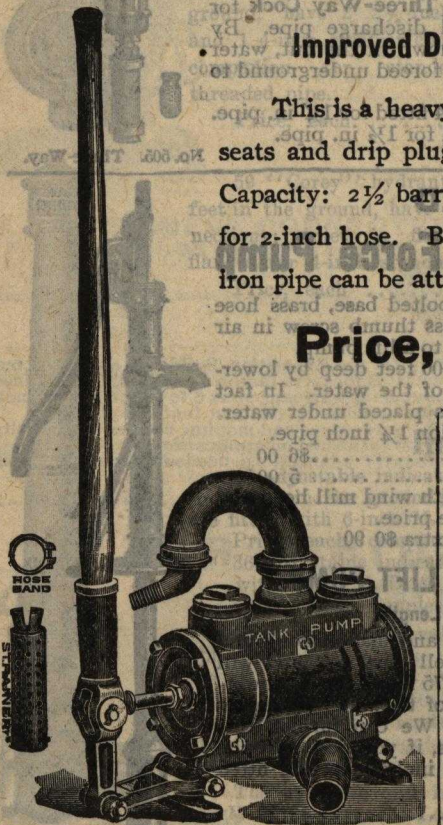
		Iron Cyl.	Brass Cyl.
No. 1	2½ Cylinder.....	$0.95	$1.77
No. 2	3 "	1.10	2.00
No. 3	3½ "	1.25	2.35


KITCHEN SPOUT PUMPS.

Improved Double Acting Thresher Tank Pump.

This is a heavy pump, has full 2-inch openings, brass valve seats and drip plugs. Handle may be connected at either end. Capacity: 2½ barrels of water per minute. The suction is fitted for 2-inch hose. By removing hose connections and goose neck iron pipe can be attached.

Price, with Strainer, $5.50



PUMP ROD.

In 18 Foot Lengths.

¾ in. galv. pump rod with couplings, per foot....2¼c
⅞ " " " " " " 3c

ASH PUMP RODS.

Lengths 18 to 21 Feet.

1 in. round with malleable couplings, per foot, 3c
1⅛ " " " " " " 3½c

SPECIAL PUMP FITTING.

We will fit any of our pumps with 1¼ galvanized pipe and necessary pump rod, placing cylinder at any depth you may specify.
Price per foot, including pipe and rod.....18c
Price with 1½ inch pipe and rod, per foot.....21c
Black pipe proportionately less.

Ask about machiney of any kind. We issue a machinery list.

Double Acting Force Pump

WITH AIR CHAMBER AND ADJUSTABLE HANDLE—SIDE DISCHARGE



Fig. 705

Fig. 705

Fig. 705 represents a Double-Acting Force Pump, which is especially adapted for elevating water from cisterns to tanks in upper stories of residences, or for forcing water into an air-tight tank—in connection with our Air Pressure Water Supply System. See page 46. It is also used largely for cleaning and filling boilers and for fire protection, or can be used as a deck pump and many other purposes

All sizes are fitted with 3-Wing Bronze Valves.

Brass plugs are provided for draining cylinder to prevent freezing, and also for priming when necessary.

The air chamber can be reversed so that discharge may be used on either side.

The suction and discharge are always fitted for iron pipe unless otherwise ordered, but can be fitted for hose or lead pipe if specified.

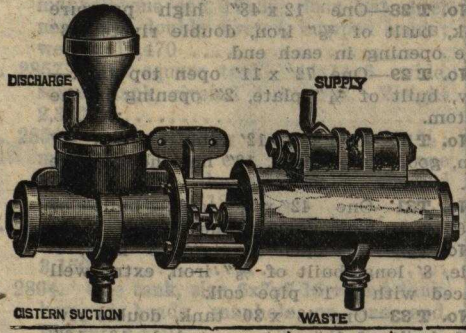
Fig. 705. Sizes and Prices

No.	Diam. Cyl.	Stroke	Suction Fitted for	Discharge Fitted for	PRICE Iron	PRICE Brass-Ln. Cyl.
1	2½ in.	4 inch	1¼ in. pipe	1 in. pipe	$8 00	$ 9 00
2	3 in.	4 inch	1½ in. pipe	1¼ in. pipe	9 00	10 50

PERFECTION WATER LIFT

AUTOMATICALLY OPERATED BY WATER PRESSURE

Used to Pump Cistern Water or Increase City Water Pressure



Can be connected into your house supply pipe and then all city water drawn through your faucets will operate this pump and cause it to pump cistern water into an attic tank. The strongest, best constructed and most durable Water Lift made. An Iron Pump, brass lined throughout. Valves hold tight, will not cut; require no oiling. Few parts, and all parts easy of access. No inside stuffing, nuts, springs or packing. No water need be wasted.

This is a Water Lift that You can Depend Upon. Satisfactory Operation and Durability Guaranteed.

The knowledge gained by 25 years' experience in pump building enters into the construction of this pump.

We will furnish full instructions for installing these Automatic Lifts. The different sizes are adapted to different pressures.

Size of Lift	Diam. of Cylinders: Power	Diam. of Cylinders: Pump	Size of Pipe to Use: Supply Pipe	Size of Pipe to Use: Exhaust Pipe	Size of Pipe to Use: Suction Pipe	Size of Pipe to Use: Delivery Pipe	Gallons per Hour Pumped	Gallons City Water Used
No. 1	3 inch	3 inch	¾ inch	¾ inch	1 inch	¾ inch	293	296
" 2	3 "	2½ "	¾ "	¾ "	1 "	¾ "	214	296
" 3	3 "	2 "	¾ "	¾ "	1 "	¾ "	129	296
" 4	2½ "	3 "	¾ "	¾ "	1 "	¾ "	293	317
" 5	2 "	3 "	¾ "	¾ "	1 "	¾ "	293	131

Dimensions: Length 23 inches. Height 11 inches. Weight 50 lbs. 4½ 431
Price Nos. 1, 2, 3, and 4, $35.00. No. 5, $65.00.

We show Cellar Drainers on another page of this Catalogue.

STEEL AND IRON TANKS

In this list you will find Tanks for almost any purpose. It includes storage and high pressure. If desired we can change them to suit any purpose you desire. We also make special tanks to order.

No. T 1—One second-hand tank 48" x 8', ⅜" iron, single riveted, with a man hole 12 x 16". Can be used for high pressure.

No. T 2—Two square tanks, second-hand, 25" wide x 36" high x 5' long, single riveted, raised open top 14 x 30". The opening in top is raised 6" above tank.

No. T 3—Twelve second-hand tanks, 72" x 18' long, built of ½" iron, double riveted with cone shaped bottom and top. These tanks were used by a large packing concern in this city for rendering purposes. They are especially adapted for storage tanks.

No. T 4—One second-hand tank, 24 x 36", built of ¼" iron, made for high pressure purposes.

No. T 5—One second-hand tank, 20 x42", built for high pressure, ¼" iron.

No. T 6—Five second-hand, 20" x 6', built for extra high pressure. Equipped with a cast iron header, connected with bolts.

No. T 7—One second-hand tank, 18" x 8', cast iron tank, built for high pressure, equipped with a cast iron header, connected with bolts, with a 4" pipe opening.

No. T 8—Three brand new high pressure tanks, butt strap riveted, built to hold at least 200 lbs. pressure, with cast iron head at one end and wrought iron at the other. Equipped with a 15" opening in top of the cast iron end. Built of ⅜" iron.

No. T 9—One brand new tank, 30 x 36", high pressure tank, built of ⅜" iron, with a 4" flange opening.

No. T 10—One 24 x 36", same description as tank above.

No. T 11—One second-hand tank, 30" x 5', double butt strap riveted, built to hold high pressure, with 10" flange opening in each end, with a 4" pipe opening on the side, built of ⅜" iron.

No. T 12—One second-hand tank, 30 x 30", pressure tank, built of ⅜" iron.

No. T 13—One second-hand tank, 42" x 6', storage tank, built of ¼" plate, man hole 10 x 15", with two 6" pipe openings in one end.

No. T 14—One brand new high pressure tank, 6' in diameter, 8' long, double riveted, man hole 10 x 16". Shell is built of ⅜" iron, heads are ½".

No. T 15—One second-hand tank, 40 x 36", open tank, built of ¼" iron.

No. T 16—One second-hand 28 x 28" open tank, built of ¼" iron.

No. T 17—One second-hand tank, 42" x 8', built of ¼" iron, only to be used for storage.

No. T 18—One second-hand 24" x 9' seamless high pressure tank, built of ⅜" iron.

No. T 19—One second-hand 54" x 16' tank, built of ⅜" iron, only good for storage purposes.

No. T 20.—One second-hand 8' 4" x 7' 4", built of ⅜" iron, double riveted, good for storage purposes.

No. T 21—One second-hand 48 x 42" tank on cast iron legs 10" high, good for storage purposes, built of ¼" iron.

No. T 22—One 48" x 6' tank, single riveted, good for storage purposes, built of ¼" iron.

No. T 23—One 54" x 8' tank, built of 5/16" iron, with 22" opening in top and on side, good for storage purposes.

No. T 24—One 42" x 8' tank, double riveted, built of ¼" iron, good for storage purposes, with 15" opening at top.

No. T 25—One 42" x 10' tank, built of ¼" plate, 12 x16" man hole, good for storage purposes.

No. T 26—One 72" x 12' tank, built of ¼" plate, with 4" pipe opening at one end, 8" pipe opening in the side, to be used for storage only.

No. T 27—One open top tank, 8' high, 40" wide, 10' long, built of ¼" plate, good storage tank.

No. T 28—One 12 x 48" high pressure tank, built of ⅜" iron, double riveted, 3" pipe opening in each end.

No. T 29—One 72" x 11' open top tank—new, built of ¼" plate, 2" opening in the bottom.

No. T 30—One 48" x 12' tank, built of ¼" iron, good for storage, 12" man hole at the top.

No. T31—One 42" x 8' tank, built of 5/16" iron, good for storage only.

No. T32—One open top tank, 5' high, 4' wide, 8' long, built of ⅜" iron, extra well braced with a 1" pipe coil.

No. T 33—One 48" x 30' tank, double riveted, built of ¼" plate, man hole 12 x 16", with two 2" pipe openings in the side. This tank can be either used for pressure or storage.

No. T 34—Three second-hand 9' x 30' tanks, built of ¼" iron, with a 16 x 20" opening, used for storage purposes. It is extra well braced.

No. T 35—One 9' x 15', same description as above.

No. T 36—One 82" x 12' high pressure tank, built of ⅜" iron, double riveted, man hole 11 x 16".

TANKS—Continued

No. 2804. One 32x5 tank, cast iron top hinged, bolted, 200 gallons, 5-16 in. plate .....

No. 2805. One 24x6 tank, 150 gallons, 3-16 in. plate, manhole in one end .....

No. 2806. One 24x6 tank, 150 gallons, 3-16 in. plate .....

No. 2808. One 5x6x34, open top tank, 720 gallons, 3-16 in. plate .....

No. 2809. One 10x5x24 high tank, 960 gallons, 3-16 in. plate .....

No. 2810. One 72x5 tank, 1,200 gallons, 5-16 in. plate, heads bumped .....

No. 2812. One 40x4 6 open top tank, 150 gallons, ⅛ in. plate, 4 coils of 1¼ in. pipe .....

No. 2846. One Rendering tank, size of plate, 6x20x½ in., containing 3 lugs, heads bumped, double riveted; manhole on end 17x22. Weight 10,700.....

No. 2847. One Rendering Tank, size of plate 6x14x½, mounted on 4 legs, door on one end, bumped heads; weeight 8,100 lbs.

No. 2848. One rendering tank, size 6x20x½, manhole on one end, 17x22, door on one end, weight 9,000 lbs.....

No. 2850. One rendering tank, size 6x20x½, containing 3 lugs, manhole on one end; door on side near end; bumped heads; weight 11,100 lbs.....

No. 2851. One rendering tank, size 6x20x½, manhole on one end 17x22; door on side near end; bumped heads, weight 11,095

No. 2852. One rendering tank, size 6x20x½, double riveted manhole on one end; bumped heads. Weight 11,100.....

No. 2853. One rendering tank, size 6x20x½; manhole one end 17x22, door last sheet near end; double riveted, bumped heads; weight 11,470 .....

No. 2857. One square tank, 44x14x6 wide, square tank, riveted 2 sections. Weight 2,380 .....

No. 2858. One rendering tank, size 6x20x½; manhole on one end 17x22; door one end; 3 lugs; double riveted, bumped heads. Weight 12,465.....

No. 2860. One round tank, size 42x10x¼, manhole on one end, single riveted, weight 3,150 .....

No. 2864. One tank, size 6x7x5-16 round tank, bumped heads, manhole on one end. Weight 4,870 .....

No. 2865. One tank, size 6x13x5-16 round tank; bumped heads, manhole one end; weight 6,440.....

No. 2866. One tank, size 6x4x5-16, open top round tank, single riveted. Weight, 2,080.....

No. 2867. One tank, size 6x4x5-16, open top round tank, single riveted. Weight 2,130 .....

No. 2868. One tank size 3x7, round tank, flat heads. Weight 1,200 .....

No. 2870. One tank, size 42x6x¼ round tank, manhole one end .....

No. 2871. One tank, size 4x7x5-16, rendering tank, manhole on one end, single riveted. Weight 3,000.....

No. 2873. One square tank, size 4 high by 6 wide by 6½ long by ½ in. plate, square tank, single riveted. Weight 2250.

No. 2874. One square tank, 6 wide by 30 in. high by 12 in. long by ½ in. plate, single riveted, square tank. Weight 3,970.

No. 2881. One round tank, 42x6x3-16; manhole on one end; weight 1,430 lbs.....

No. 2882. One round tank, manhole on one end and on side, side 4x12x3-16; weighs 2,570 lbs.....

No. 2934. One tank, 78x20x½ M. H., one end, 3 lugs, door one end, weighs 10,880.....

No. 2935. One tank, same as above, with 3 lugs, weight 11,550 .....

No. 2936. Same as above, weighs 11,370, with 3 lugs .....

No. 2937. Same as above, weighs 10,460, with 3 lugs.....

No. 2938. Same as above; no lugs, weight 10,900 .....

No. 2939. Same as above; no lugs; weighs 10,930 .....

No. 3055. Fifty round galvanized iron tanks, 38 in. long, 14 in. dia., with two ½ in. openings for storing gasoline, water, etc., each..... 1.75

No. 3066. One round pressure tank, 20x23.....

No. 3075. One open tank with cover 30x24x12 in. deep, made of heavy iron .....

No. 3426. Two oil storage tanks, 6 feet dia., 25 feet long, made of 3-16 iron, manhole on top 15 in. dia.....

No. 3427. One pressure tank, made of 5-16 plate, 15 in. dia., 2 ft. high, with two 2½ in. openings.....

No. 3498. One high pressure tank, 24 in. dia., 30 in. high, made of ⅜ in. steel; one opening 5 in., and one opening 3 in.....

No. 3526. One heavy castiron pressure tank, 42 in. dia. by 5 ft. long, with 10 in. opening; will bush to any size.....

SMALL GALVANIZED PRESSURE TANKS

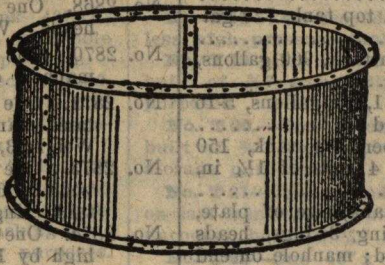
Item No. 003. 50 Tanks 14 inch diameter, 36 inches long, made of 20 gauge galvanized steel. Side seam soldered and riveted. Have 1 3-8 inch pipe connection and 1 3-4 inch brass plug on top. 1 3-8 inch plug on side. In good condition. Price, each..... $3.00

A TRIP THROUGH OUR PLANT WOULD PROVE OF GREAT INTEREST TO YOU

STEEL TANKS.

Brand new—galvanized—strong and durable. Extra well riveted. Weigh less and are twice as practical as wooden tanks. A fire box can be built under them, forming a perfect tank heater.

ROUND STOCK WATERING AND SMALL STORAGE TANKS.

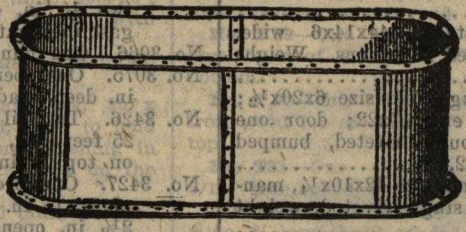


BRAND NEW. WELL MADE.

No.	Diameter.	Height.	Capacity.	Weight Lbs.	Price.
A1	20 in.	24 in.	32 gal.	22	$ 2.00
A2	24 "	24 "	47 "	26	2.50
A3	30 "	24 "	73 "	34	2.75
A4	4 ft.	2 ft.	6 bbls.	96	5.50
A5	4 "	3 "	9 "	125	6.75
A6	4 "	4 "	12 "	150	8.00
A7	5 "	4 "	19 "	200	11.50
A8	4 "	8 "	24 "	277	14.00
A9	6 "	4 "	27 "	240	15.00
A10	8 "	2½ ft.	30 "	285	17.50
A11	6 "	5 ft.	34 "	290	18.00
A12	10 "	2 "	37½ bbls.	400	20.00
A13	10 "	2½ ft.	46 bbls.	450	23.00

All shipped set up, except A10, A12 and A13, which are shipped knocked down

ROUND END STOCK WATERING AND RESERVOIR TANKS.



QUALITY THE BEST. PRICES THE LOWEST.

No.	Width.	Height.	Length.	Capacity Bbls.	Weight Lbs.	Price.
C12	2 ft.	2 ft.	4 ft.	3¼	80	$ 4.25
C13	2 "	2 "	5 "	4¼	93	4.65
C17	2 "	1 "	4 "	1	60	3.25
A14	2 "	2 "	6 "	6	102	5.50
A15	2 "	2 "	8 "	8	130	6.50
A16	2 "	2 "	10 "	9½	160	7.25
A17	2½ ft.	2½ ft.	8 "	12	150	8.00
A18	3 ft.	2 ft.	10 "	14	178	9.50
A19	4 "	2 "	10 "	19	224	12.00
A20	4 "	2½ ft.	10 "	24	247	14.50
A21	4 "	2 ft.	16 "	30	372	18.00
A22	5 "	2 "	16 "	38	425	20.50
A23	4 "	5 "	10 "	47	370	23.00
A24	6 "	4 "	10 "	56	450	28.00

Above are set up ready for use.

New Feed Cookers.



No constant attention to keep a steam boiler filled with water to keep it from burning or blowing up.

No continued building fire to keep steam up, which **must be done with any kind of a steamer.**

No water to be taken out at night to prevent the boiler from freezing and bursting.

It is a strictly **COMMON SENSE COOKER,** which system for cooking is so favorably known that there is no need of further argument.

OUR No. 0 COOKER.

The furnace (or fire-box) and fire-flue under the water tank is heavy sheet steel with cast-iron grate, fire-walls and door, 2 feet 4 inches by 6 feet long, the fire-box being of large enough capacity that one fire of wood, once renewed, is sufficient to cook one boiler of wheat or anything desired to cook. The fire-flue extends from the fire-box the full length and width of the boiler, and is 4 inches deep, in the center of which is a partition which carries the heat under one-half of the bottom of the boiler from the fire-box to the rear end of same, then back toward the fire-box on opposite side to where the draft enters the smoke-stack, which is common 6-inch stove-pipe. Thus it will be seen that we get the full benefit of the heat before its force is exhausted.

The Boiler is made of heavy Galvanized Steel,

and has a tight-fitting cover of the same material, hinged to one side of cooker. It is 6 feet long, 2 feet 4 inches wide and 18 inches in height, with angle steel around top edge that makes it perfectly rigid and will not spring in or out. The bottom is connected to sides with a one-inch flange, which sets down over furnace, and on each side of the flange is a plate of bar iron which is riveted solidly together, making it perfectly secure in every particular. The boiler is not fastened to furnace; can be removed very easily. It holds 6½ barrels. By the close-fitting cover the steam is retained inside, which requires but a small fire after the water becomes hot.

The furnace complete is close fitting, so no fire can escape, and may be set on the ground or in a building, the same as any stove. If set in a building, it should be set on a layer of brick, or a wide box, about 4 inches deep, filled with sand. The boiler and furnace weighs about 275 pounds. We furnish but one joint of pipe, but will furnish as many more as desired for 15 cents per joint. No less than five joints should be used, and six would make the draft better.

This Cooker is calculated for any purpose you wish—to boil anything—**Sap, Sorghum, Rendering Lard,** etc. For economy in cooking, this is the most favorable cooker made. The grate is made especially for coal, wood or cobs, and the small amount of fuel required will surprise you. Then please notice, too, our boilers; there are no wooden rims around upper edge, or wooden covers to be warped out of shape by the steam or to rot, as is the case with other makes of similar cookers, but all **Galvanized Steel.**

OUR No. 1 COOKER

is made same as No. 0, only it is but 5 feet long and 2 feet wide and holds 4 barrels. Weight, 200 pounds.

OUR No. 2 COOKER

is made same as No. 1, only it is but 4 feet long and holds 3 barrels. Weight, 165 pounds.

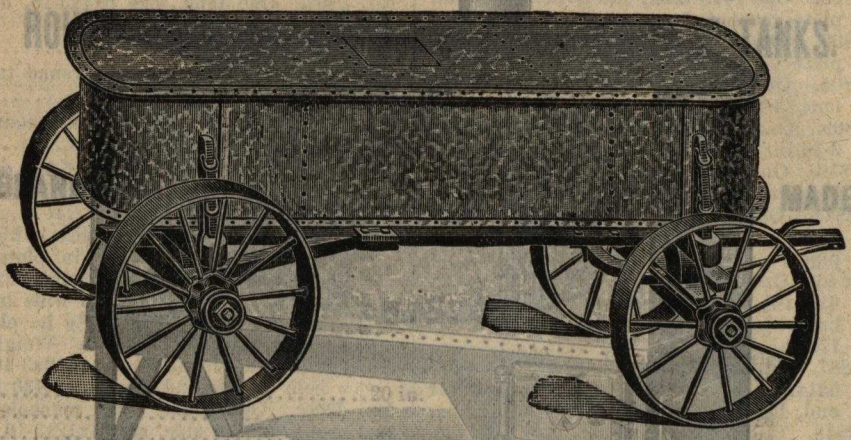
OUR No. 3 COOKER

is made same as No. 2, only it is but 4 feet long and the boiler is but 10 inches deep and holds 1½ barrels. Weight, 140 pounds.

PRICES EACH.

No. 0, $12.75. — No. 1, $10.90. No. 2, $9.65. No. 3, $9.20.

New Galvanized Steel Wagon Tanks



For supplying portable engines with water; for gathering maple sap; for hauling whey from creameries, liquid manure, etc.

The construction of this Galvanized Steel Wagon Tank is practically the same that has made so popular the Galvanized Steel Stock and Reservoir Tanks. The sides and bottom are flanged together and riveted between two strips of $1x\frac{2}{16}$-inch metal, the rivets being placed only three inches apart. The top or cover is made of galvanized steel and fastened to the tank by flanging the sides and top together and riveting or bolting between $1x\frac{3}{16}$-inch metal. In center of top we place a 14x14-inch man hole with a close fitting cover of galvanized steel made with hinge and arranged so that it can be readily opened to fill tank. Location and size of man hole may be changed to suit purchaser. The tank is stayed underneath cover by one-inch angle steel braces from side to side which also serve to support cover and to strengthen it. The sides are braced by angle steel braces fastened both at top and bottom. Cleaning-out hole is placed either in center of bottom at rear end or in rear end close to bottom.

Price List of Galvanized Steel Wagon Tanks.

No.	Width	Height	Length	Capacity	Weight	Price
A	3 ft.	2 ft.	10 ft.	14 bbls.	296 lbs.	$13.50
B	3 ft.	2 ft.	8 ft.	12 bbls.	260 lbs.	12.00
C	2½ ft.	2 ft.	8 ft.	9½ bbls.	235 lbs.	10.00
D	2 ft.	2 ft.	8 ft.	7½ bbls.	213 lbs.	8.25
E	2 ft.	2 ft.	6 ft.	5½ bbls.	180 lbs.	7.00

Unless otherwise specified in your order we place a 14x14-inch man hole in center of top and put a one-inch cleaning-out hole in center of rear end close to bottom, in which a threaded nipple is inserted and to which either hose or pipe may be connected, or opening can be closed with screw cap or plug.

TANK HEATER



This Tank Heater is made with a heavy Galvanized Steel Shell, oval shape 18x13 inches in diameter, with ONLY ONE SEAM which lies back of cold air chamber, and is not affected with heat.

Top and grates are cast iron, perfectly tight, safe and reliable; can be used in or out of building as case may require, with perfect safety

EASILY FASTENED TO OUR STEEL TANKS.

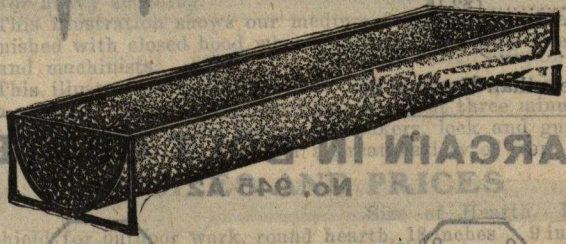
When Tank and Heater are ordered shipped together, Tanks will be arranged to receive Heater if we are advised what part of tank the Heater is to set in.

We guarantee the Heater in every respect, and assure our patrons that it is THE BEST HEATER on the market at the price.

Heater is complete with Shovel, Poker, Stack and Spark Arrester.

PRICE EACH, - - - $2.50

OVAL GALVANIZED STEEL TANKS.



Brand new, made of 18 gauge Galvanized Steel, with Steel Trusses to support them in position.

No.	Width.	Depth.	Length.	Capacity.	Price.
80	2½ ft	18 in	10 ft	8 bbls	$8.40
81	2 ft	20 in	10 ft	8 bbls	8.40
82	2½ ft	18 in	8 ft	6 bbls	7.20
83	2 ft	20 in	8 ft	6 bbls	7.20
84	14 in	8 in	10 ft	2 bbls	3.40
85	2 ft	12 in	10 ft	5 bbls	5.50
86	1½ ft	14 in	10 ft	5 bbls	5.40
87	2 ft	12 in	8 ft	4 bbls	4.90
88	1½ ft	14 in	8 ft	4 bbls	4.80



TROUGHS.

SECOND-HAND, IN GOOD CONDITION.

No. 203. Made of No. 18 Galvanized iron, with a heavy iron band on top. Can never be broken, are flat bottom so they cannot be upset. 3 feet long, 9 inches wide, 6 inches deep.

PRICE EACH, - - - - 60c

3,000 Kegs of Horse Shoes for Sale

No. 945 A1



We purchased these excellent Horse and Mule Shoes at Manufacturer's Sale. They are in fine condition, except that some of the shoes may have a slight surface rust. They are put up regularly 100 pounds to a keg. We guarantee absolute satisfaction.

WE HAVE THE FOLLOWING STYLES:

Extra Light Iron Horse Shoes
Light Iron Horse Shoes
Medium Iron Horse Shoes
Snow Horse Shoes
Extra Light Steel Horse Shoes
Countersunk Horse Shoes

Sizes from 0 to 7—Fronts and Hinds.

Put up one kind only to a keg, or assorted, if you so desire.

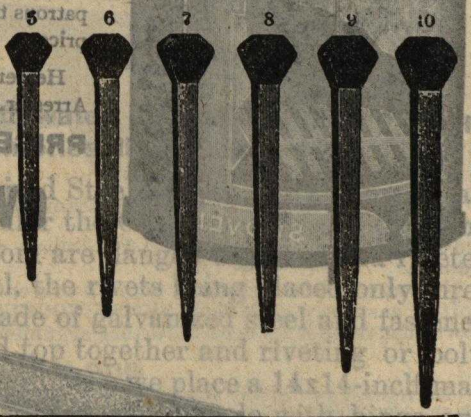
Also 250 Kegs of Mule Shoes. Sizes 2 to 6 Inclusive.

PRICES PER KEG OF 100 POUNDS:

Single Keg lots	$4.00
In lots of 5 Kegs	3.75
In lots of 10 Kegs	3.50
In lots of 20 Kegs	3.25
In lots of 40 Kegs	3.20

HORSE SHOE NAILS.

BRAND NEW Horse Shoe Nails, in boxes of 25 lbs. These nails are forged hot from the end of rod. Every nail is uniform and perfect. They drive better, clinch better and hold shoes on longer than any nail on the market. No acids used in polishing.

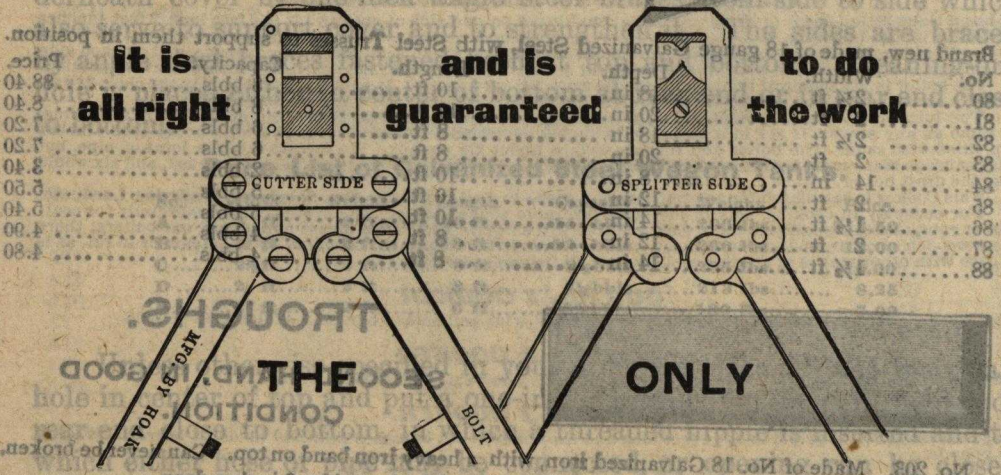


No. 5	Price per Box of 25 lbs. $2.15 Any size.
No. 6	
No. 7	
No. 8	
No. 9	
No. 10	
No. 11	
No. 12	

We do not sell less than 25-pound box.

A BARGAIN IN BOLT CUTTERS

No. 945 A2

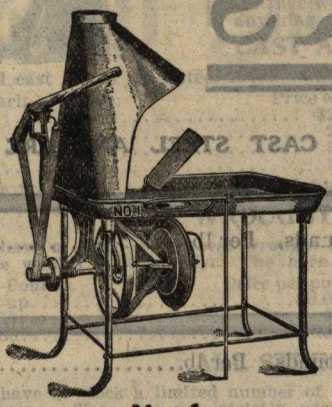


Two machines in one; simple in construction, light, durable and practical. You can split a nut as quickly as cut a bolt; no chisel, hammer or extra man necessary; no skinned knuckles or swearing; no injury to woodwork. To investigate is to buy. A trial sells the tool.

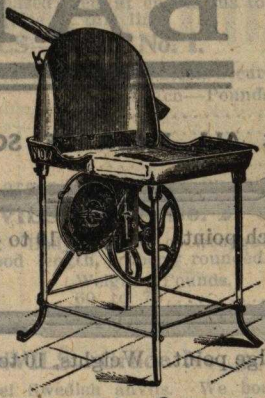
Price, each $2.00

PORTABLE FORGES—Always on Hand

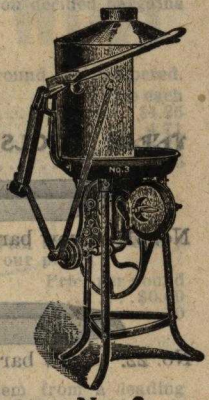
BRAND NEW from Factory, Economical, Durable, Cheap



No. 1.



No. 2.



No. 3.

POINTS OF ADVANTAGE

First—These forges are strongly built and have fewer wearing parts than any other, hence are less liable to get out of order.

Second—The fan is bolted direct to the bottom of the hearth and fire pit, holding it firmly and avoiding long cast iron supports, liable to break in shipping.

Third—The fan is so located that a part of its body is above the opening to fire pit, and the ash pit is so arranged that cinders do not fall inside the fan case; and should anything get into the fan case the fan blades, by their first quarter turn, will carry it direct to the discharge opening, and unlike others, it does not have to carry it back and up over the top of the fan to get it out; hence this fan is never clogged or injured by cinders.

No. 1. For heavy smithing.

No. 2. This illustration shows our medium forge with a shield for outdoor work. It is also furnished with closed hood when ordered. This style is especially adapted for horse-shoers and machinists.

No. 3. This illustration shows a shield. It is also furnished with open or closed hood when so ordered. Will weld a 1-inch bar in about three minutes and also do much heavier work. It is just the tool for boiler makers, lock and gunsmiths, farmers and machine men, and is a practical forge for a great variety of work.

SIZES AND PRICES

	Size of Hearth.	Fan.	Weight.	Price.
No. 3 with shield for outdoor work, round hearth,	18 inches	9 inches	85 lbs.	$ 6 35
" 3 with open hood, round hearth	18 "	9 "	93 "	7 95
" 3 with closed hood, round hearth	18 "	9 "	100 "	8 50
" 2 with shield for outdoor work	22x28 "	11 "	164 "	10 25
" 2 with hood	22x28 "	11 "	175 "	11 00
" 1 with hood	28x40 "	14 "	265 "	14 50



FORGE

No. 4.

This forge has an 18-inch round hearth, and is generally used for light repair work, rivet heating, and other similar work. Forge has lever motion, extra heavy pipe legs, stands 30-inches high, 8-inch fan.

. K. ratchet never slips and a strong blast is obtained by a slow lever motion. The operating principle is the most positive device. Will produce a welding heat in five minutes, all parts are interchangeable. Weight of forge complete with shield, 70 pounds.

Price $4.75

Complete with hood 5.75

We will ship C. O. D. only when sufficient money is sent to cover freight charges.

BARS

THESE TOOLS ARE ALL MADE OF SOLID CAST STEEL AND ARE NEW



No. 21. Crow bar. Pinch point. Weights, 10 to 40 pounds. Per lb.....$0.03½



No. 22. Crow bar. Wedge point. Weights, 10 to 40 pounds. Per lb.....$0.03½



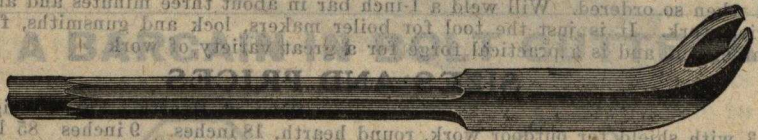
No. 23. Railroad pinch bar, with heel. Weights, 12 to 30 pounds. Per lb.....$0.04



No. 24. Railroad lining bar. Weights, 12 to 30 pounds. Per lb.....$0.03½



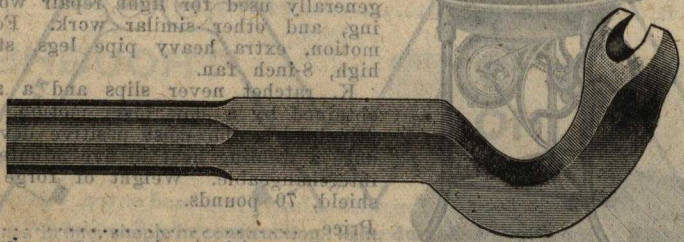
No. 25. Railroad Tamping bars. Weights, 10 to 15 lbs. Per lb.....$0.04



No. 26. Railroad claw bars. Weight. 30 pounds. Each.....$1.40



No. 27. Railroad claw bar with heel. Weight, 30 pounds. Each.....$1.40



No. 28. Claw bar. Goose neck. Weights, 20 to 30 pounds. Each.....$1.25



ANVILS.

We purchased at sale seven cars of NEW CAST, WROUGHT and SWEDISH ANVILS. Can furnish you any weight you require. The low prices that we purchased them at enables us to offer you decided bargains in anything you require in this line.

CAST ANVILS—Grade No. 1.

Solid cast anvils with steel faces. The horn is also made of steel, accurately ground and tempered.

Weight each—Pounds.	Price each	Weight each—Pounds.	Price each
20	$2.60	60	$4.25
30	2.95	70	4.71
40	3.40	80	5.20
50	3.90	90	5.85

Sizes from 100 to 200 lbs., per lb., 5½c. Larger than 200 and up to 400 lbs., per lb., 4c.

WROUGHT ANVILS—Grade No. 2.

We have a stock of the best wrought anvils. Body is made of wrought iron with an extra heavy steel face welded to the body. The horn is good length, properly rounded. Note our prices:

Weight—Pounds.	Price per pound	Weight—Pounds.	Price per pound
100 and up	$0.06¾	60 to 70	$0.09
80 to 100	.07	50 to 60	.10
70 to 80	.08		

ALL STEEL ANVILS—Grade No. 3.

We have in stock a limited number of all-steel Swedish anvils. We bought them from a leading manufacturer. They are not strictly perfect, but are known as "seconds." The defect on them is of such a nature as not to seriously interfere with their usefulness, and we will not make shipment of any anvils except we are confident they will give entire satisfaction.

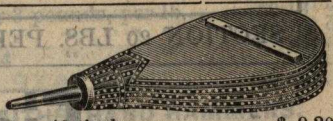
The lightest weights we have are 70 pounds.

Weight.	Price per pound	Weight.	Price per pound
70	$0.07¾	100 to 200	$0.06
80 to 90	.06¾	200 and up	.05½
90 to 100	.06½		

We can furnish practically any weight anvils you require, or any other grade.

BELLOWS.

Standard, All Wood Work Kiln Dried.

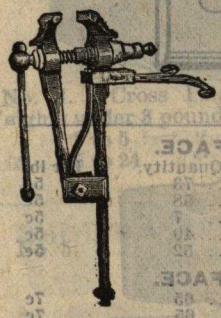


We purchased these **brand new** Bellows, at Sheriff's sale. Warranted in perfect condition.

24 inch	$4.00	32 inch	$5.60	40 inch	$ 9.20
26 inch	4.40	34 inch	6.40	42 inch	10.80
28 inch	4.80	36 inch	7.20	44 inch	12.80
30 inch	5.20	38 inch	8.00		

BLACKSMITH VISES.

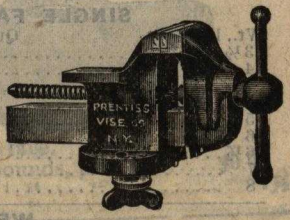
Brand new, solid wrought iron, solid box vises, extra well made throughout. Boxes are wrought iron, with thread cut of solid metal; screws are lathe cut.



				Diameter of screw.	Length of jaw.
Weight ..... 40 lbs.	45 lbs.	50 lbs.			
Price, each... $4.90	$5.15	$5.40			
Weight ..... 55 lbs.	60 lbs.	65 lbs.		1¼ in.	4½ in.
Price, each... 5.75	6.42	7.00			
Weight ..... 70 lbs.	75 lbs.	80 lbs.		1⅜ in.	5¼ in.
Price, each... 7.50	7.90	8.40			
Weight ..... 85 lbs.	90 lbs.	95 lbs.		1½ in.	5⅜ in.
Price, each... 8.90	9.50	10.00			
Weight .....100 lbs.	105 lbs.	110 lbs.		1½ in.	5¾ in.
Price, each.... 10.50	10.75	11.00			
Weight .....115 lbs.	120 lbs.	125 lbs.		1⅝ in.	6⅝ in.
Price, each... 11.25	11.50	12.00			
Weight .....130 lbs.	135 lbs.	140 lbs.		1¾ in.	6¾ in.
Price, each... 12.50	13.00	13.75			
Weight .....145 lbs.	150 lbs.	155 lbs.		1¾ in.	7 in.
Price, each... 14.50	15.50	16.00			
Weight .....160 lbs.	165 lbs.	170 lbs.		1¾ in.	7 in.
Price, each... 17.00	17.75	19.00			
Weight .....200 lbs.	.....	.....		2 in.	7½ in.
Price, each... 23.00	.....	.....			

BRAND NEW BENCH VISES

We have a stock of these excellent new vises, each one guaranteed. They are the very best of the kind on the market. Can be used as either stationary or swivel bottom. Each vise equipped with central bolt. Nut and washer for fastening to bench. Is also provided with bolt holes for permanently securing to bench. It is complete, simple and strong. PRICES EACH.

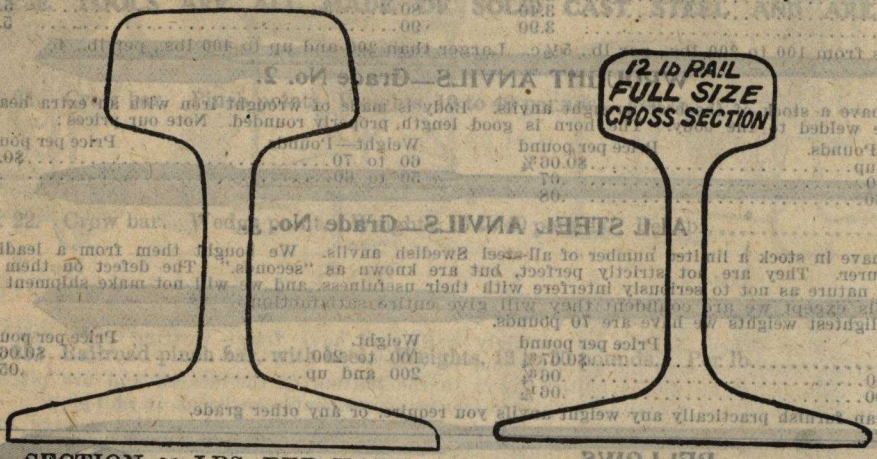


	Jaws.	Opens.	Weight.	Price.
No. 201	2 in.	2 in.	4 lbs.	$1.00
No. 202	2½ in.	3 in.	11 lbs.	1.50
No. 203	3½ in.	4 in.	16 lbs.	2.00
No. 204	4 in.	6 in.	30 lbs.	3.00
No. 205	4½ in.	7½ in.	44 lbs.	4.75

New and Relaying Rails.

We have for prompt delivery 8, 12, 16, 20, 25, 30, 35, 40, 50, 60 and 70-lb. rail. We can also furnish splices for them.

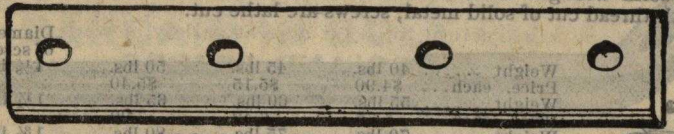
We are always in position to offer you bargains in rails, both new and relaying. It is impossible to print correct stock sheet, as our stock changes every day. Write us your wants.



SECTION 20 LBS. PER YARD.

Fish Plates.

Fish plates to fit any size rail. Write for prices.



Write for Prices.

Mason's Hammers.



Lot No. 30. Made by the Solid Steel Tool & Forge Company. Strictly firsts. Polished bits. Single face has sharp edge.

SINGLE FACE.

Wt., lbs.	Quantity.	Per lb.
3½	10	7c
4	71	7c
4½	44	7c
5	61	6c
5½	39	6c
6	46	6c
6½	74	6c
7	26	6c
8	79	5c

SINGLE FACE.

Wt., lbs.	Quantity.	Per lb.
9	73	5c
10	58	5c
11	7	5c
12	49	5c
14	52	5c

DOUBLE FACE.

4	65	7c
4½	65	7c
5	83	6c
5½	41	6c
6	104	6c
6½	75	6c
7	58	6c
8	83	5c
9	76	5c
10	84	5c
11	2	5c
12	13	5c
13	20	5c
14	59	5c
20	4	5c

WE CARRY A STOCK OF R. R. SPIKES.

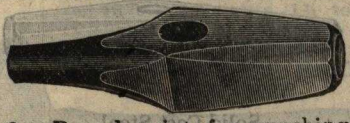
SLEDGES, HAMMERS, MAULS, ETC.

MADE OF BEST GRADE SOLID CAST STEEL.
BOUGHT AT MANUFACTURERS' SALE.

TRACK PUNCH.

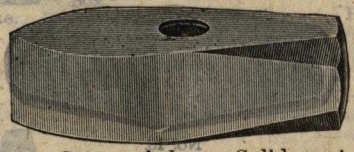


No. 1. For punching rails. Made only of highest grade crucible tool steel, carefully tempered and tested. Weights, 3 to 5 pounds.
Per lb.....$0.10



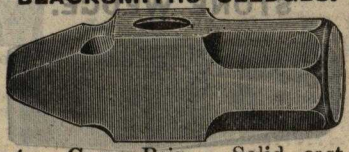
No. 2. Round point for punching rails. Same grade as above. Weights, 3 to 5 pounds.
Per lb.....$0.10

STONE SLEDGES.

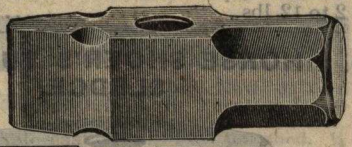


No. 3. Stone sledge. Solid cast steel.
Weights under 3 pounds, per lb.....$0.09½
" 3 to 5 " " " 8
" 5 to 24 " " " 5½

BLACKSMITHS' SLEDGES.



No. 4. Cross Pein. Solid cast steel.
Weights under 3 pounds, per lb.....$0.09½
" 3 to 5 " " " 8
" 5 to 24 " " " 5½



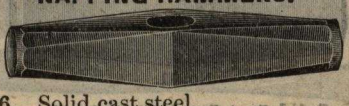
No. 5.



No. 5½.

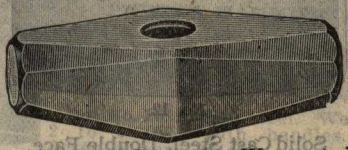
No. 5. Straight pein. Solid cast steel.
" 5½. Double face. " " "
Weights under 3 pounds, per lb.....$0.09½
" 3 to 5 " " " 8
" 5 to 24 " " " 5½

NAPPING HAMMERS.



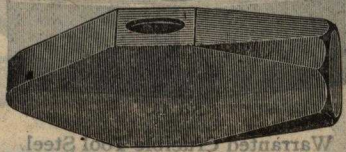
No. 6. Solid cast steel.
Weights under 3 pounds, per lb.....$0.09
" 3 to 5 " " " 7½
" 5 to 24 " " " 5½

HAND DRILLING OR STONE CUTTERS' HAMMERS.



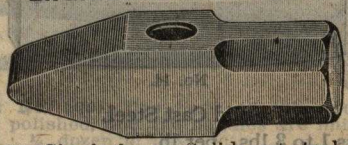
No. 7. Western Pattern. Warranted solid cast steel.
Weights under 3 pounds, per lb.....$0.10
" 3 to 5 " " " 9
" 5 to 24 " " " 7½

BLACKSMITHS' HAND HAMMERS.

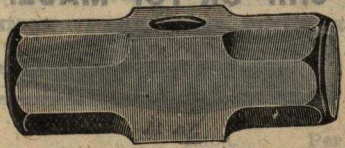


No. 8. Solid cast steel.
Weights under 3 pounds, per lb.....$0.09
" 3 to 5 " " " 7½
" 5 to 24 " " " 5½

ENGINEERS' HAMMERS.



No. 9. Single face. Solid cast steel.
Weights under 3 pounds, per lb.....$0.09
" 3 to 5 " " " 7½

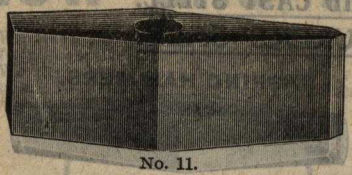


No. 10. Double face. Solid cast steel.
Weights under 3 pounds, per lb.....$0.09
" 3 to 5 " " " 7½

BETTER ORDER SOME TODAY.

SLEDGES, ETC.—Continued.

SPAULING OR STONE HAMMERS



No. 11.

Solid Cast Steel, Straight Face.

Under 3 lbs., per lb. $0.10
3 to 5 lbs., " ..... .09
5 to 24 lbs., " ..... .07½



No. 12.

Solid Cast Steel, Double Face.

Under 3 lbs., per lb. $0.10
3 to 5 lbs., " ..... .09
5 to 24 lbs., " ..... .07½

STONE AXE.



No. 13.

Warranted Crucible Tool Steel.

Up to 5 lbs., per lb. $0.17

SORTING HAMMERS.



No. 14.

Solid Cast Steel.

Weights 1 to 3 lbs., per lb. $0.12

SHIP OR TOP MAUL.



No. 15.

Solid Cast Steel.

5 to 24 lbs., per lb. $0.07½

WOOD CHOPPER'S MAULS.



No. 16.

Solid Cast Steel.

5 to 24 lbs., per lb. $0.06½

RAILROAD TRACK MAUL.

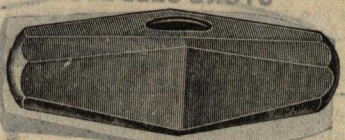


No. 17.

Solid Cast Steel.

5 to 24 lbs., per lb. $0.05½

COAL SLEDGE.



No. 18.

Solid Cast Steel.

3 to 5 lbs., per lb $0.07½
5 to 24 lbs., " ..... .05½

STONE WEDGE.

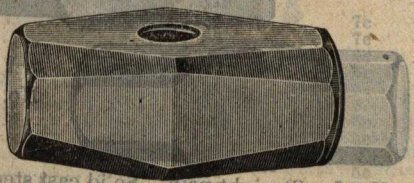


No. 19.

Solid Cast Steel.

1 to 2 lbs., per lb. $0.05
2 to 12 lbs., " ..... .04

HORSE SHOER'S TURNING SLEDGE.



No. 20.

Solid Cast Steel.

5 to 24 lbs., per lb. $0.05½

HANDLES FOR THE ABOVE ARE SHOWN ON PAGE 176

FARRIERS' CAST STEEL TOOLS.

HORSESHOERS' AND BLACKSMITHS' HIGH GRADE CAST STEEL TOOLS.

These goods are drop forged from solid steel bars, such as any mechanic would choose to make a tool for his own use. Manufactured by one of the oldest and most reliable steel manufacturers in the world. They are known as seconds on account of some slight irregularity, but for all practical purposes they are as good as the first-class grade. For confidential reasons these tools are not branded.

ROUNDING HAMMER.



Lot No. 100. A Standard Hammer, correct in shape. Material, unexcelled, full polished, ¼ dozen in box. Weights, 1¾ to 3 lbs., with handles. Each.....50c
Per dozen $5.75

BLACKSMITHS' HAND HAMMERS.



Lot No. 118. Weight does not include handles. Half dozen in box.

Size.	Weight.	Each.	Per doz.
0	1 lb.	25c	$2.60
1	2 lb.	30c	2.80
2	2 lb. 10 oz.	35c	3.00
3	3 lb.	40c	3.20
4	3 lb. 8 oz.	45c	3.40
5	4 lb. 8 oz.	50c	3.80



Lot. No. 119. Does not include handles. Half dozen in box.

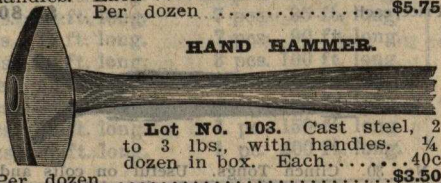
Size.	Weight.	Each.	Per doz.
0	1 lb. 2 oz.	20c	$2.40
1	1 lb. 10 oz.	25c	2.60
2	2 lb.	30c	2.80
3	2 lb. 8 oz.	35c	3.00
4	3 lb.	40c	3.20
5	3 lb. 8 oz.	45c	3.40
6	4 lb. 8 oz.	50c	3.80

TURNING HAMMER.



Lot. No. 104. New pattern Cat's Head or Turning Hammer. Most approved hammer. Solid crucible cast steel. Full polished. ¼ dozen in box. Weights, 2 to 3 lbs., with handles. Each 50c
Per dozen $5.75

HAND HAMMER.



Lot No. 103. Cast steel, 2 to 3 lbs., with handles. ¼ dozen in box. Each.....40c
Per dozen $3.50

DRIVING HAMMER.



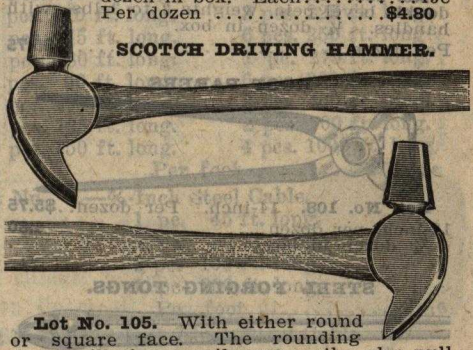
Lot. No. 106. Cast steel, ½ dozen in box. Weights, 12 to 20 ozs., with handles. Each.....35c
Per dozen $3.00
Lot No. 107. Each.....25c
Per dozen $2.40

FITTING HAMMERS.



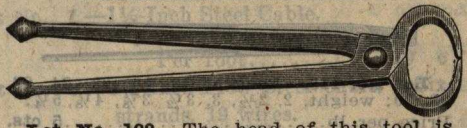
Lot No. 101. Cast steel. Weight, 2 to 3 lbs., with handles. ¼ dozen in box. Each.....45c
Per dozen $4.80

SCOTCH DRIVING HAMMER.



Lot No. 105. With either round or square face. The rounding claws will ring a nail very easily, also pull a nail without bending it. Weights, from 12 to 20 ozs. ½ dozen in box. Each....30c
Per dozen $3.00

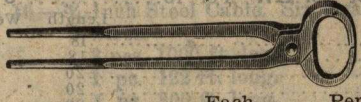
FARRIERS' PINCHERS.



Lot No. 109. The head of this tool is finely polished, and the handles are finished in oil. ¼ dozen in box.

	Each.	Per doz.
12-in.	40c	$4.40
Same, 14-in.	45c	4.80
Same, 16-in.	75c	6.00

COMMON "FARRIERS'" PINCHERS.



		Each.	Per doz.
Lot No. 110.	12-in.	35c	$3.60
	13-in.	45c	3.85
	14-in.	50c	4.20

We Carry a Full Line of Farriers' and Blacksmiths' Tools.

FARRIERS' TOOLS—Continued

SHARPENING HAMMERS.

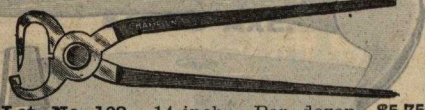


No. 130. Electric Sharpening Hammer, single bevel pein, weights 2 to 3 lbs., with handles. ¼ dozen in box.
Per dozen **$5.75**



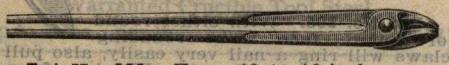
No. 131. Electric Sharpening Hammer, double bevel pein, weights 2 to 3 lbs., with handles. ¼ dozen in box.
Per dozen **$5.75**

HOOF PARERS.



Lot No. 108. 14-inch. Per dozen.. **$5.75**
12-inch, per dozen **4.80**
¼ dozen in box.

STEEL FORGING TONGS.



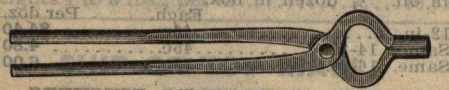
Lot No. 111. From 12 to 16-inch.
Per dozen **$1.25**

STRAIGHT TIPPED TONGS.



Lot No. 115. Length, 18, 20, 22, 24, 26, 28, 30; weight, 2, 2½, 3, 3½ 3⅞, 4⅛, 5¼.
Price per lb ..... **.5 cts.**

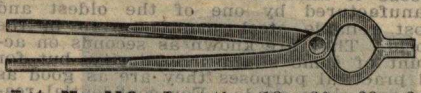
BOLT TONGS.



Lot No. 117. Per lb..... **8 cts.**

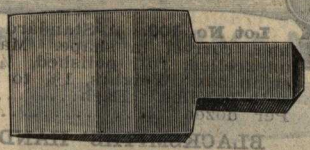
Size	Length	Weight
¼	18	1⅞
5/16	18	1⅞
⅜	20	2⅛
½	20	2⅛
⅝	22	3⅛
¾	22	3⅛
⅞	24	3⅝
1	24	3⅝
1⅛	24	4
1¼	24	4¼

GAD TONGS.



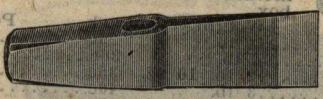
Lot No. 116. Length, 18, 20, 22, 24; weight, 2, 2¼, 3, 3⅜.
Price, per lb..... **.8 cts.**

HARDIES.



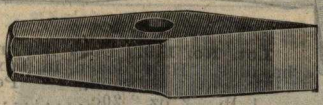
Lot No. 114. Sizes, ½, ⅝, ¾, ⅞, 1; weights, ½, ¾, 1⅛, 1¼, 1½.
Per lb. ..... **.10 cts.**

HOT CHISELS.



Lot No. 112. Not furnished with handles. Sizes, 1⅛, 1¼, 1⅜, 1⅝; weight, 1¾, 1⅞, 2¼, 2¾.
Price, lb. ..... **.10 cts.**

COLD CHISELS.

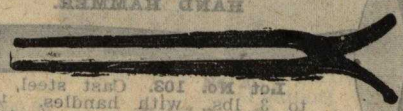


Lot No. 113. Not furnished with handles. Sizes, 1, 1⅛, 1¼, 1⅜, 1½; weights, 1¾, 1⅞, 2¼, 3.
Per lb. ..... **.10 cts.**

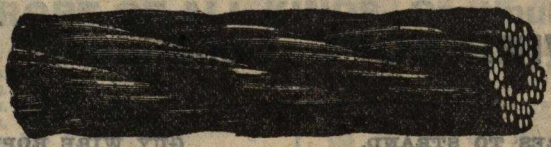
BOLT CLIPPERS.



Champion Bolt Clippers, No. 22.
No. 1, cuts ⅜-inch bolts in threads only.
Price, each **$2.80**



No. 30. Clinch Tongs. Useful on colts and nervous horses. Fine crucible tool steel.
Price, each **90c**

WIRE  ROPE.

This is an approximate list of our overhauled or **Rebuilt Hoisting Wire Rope.** Each length is in guaranteed condition, and while we do not claim that it is absolutely as good as new, we have no hesitation in **thoroughly recommending it for all ordinary uses.** It is nicely oiled and in shape, ready for instant use. In addition to this list, we are usually **prepared to fill orders for any other size or length; we are also prepared to Splice Wire Rope** to any desired length, and will guarantee that in doing this we will execute as nice a piece of work as ever you saw. We have our Wire Rope department in charge of a man **who has made the cable business a life-long study.**



LIST OF WIRE CABLE ON HAND.

6 Strands, 19 Wires to the Strand, (except where otherwise noted.)

Lot No. 1.—⅝-Inch Cable. Bright Steel.

110 pcs.	30 ft. long.	18 pcs.	95 ft. long.
75 pcs.	40 ft. long.	14 pcs.	100 ft. long.
33 pcs.	45 ft. long.	9 pcs.	125 ft. long.
147 pcs.	50 ft. long.	7 pcs.	150 ft. long.
11 pcs.	55 ft. long.	5 pcs.	160 ft. long.
142 pcs.	60 ft. long.	4 pcs.	115 ft. long.
22 pcs.	65 ft. long.	2 pcs.	175 ft. long.
28 pcs.	70 ft. long.	11 pcs.	200 ft. long.
30 pcs.	75 ft. long.	4 pcs.	250 ft. long.
58 pcs.	80 ft. long.	7 pcs.	300 ft. long.
14 pcs.	85 ft. long.	3 pcs.	350 ft. long.
32 pcs.	90 ft. long.	2 pcs.	450 ft. long.

Per foot.....4½c

Lot No. 2.—⅝-Inch Black Steel Cable.

5 pcs.	325 ft. long.	12 pcs.	95 ft. long.
7 pcs.	350 ft. long.	32 pcs.	100 ft. long.
15 pcs.	400 ft. long.	10 pcs.	110 ft. long.
5 pcs.	450 ft. long.	4 pcs.	120 ft. long.
1 pc.	475 ft. long.	18 pcs.	125 ft. long.
7 pcs.	500 ft. long.	5 pcs.	130 ft. long.
1 pc.	600 ft. long.	6 pcs.	135 ft. long.
1 pc.	700 ft. long.	1 pc.	140 ft. long.
1 pc.	800 ft. long.	25 pcs.	150 ft. long.
1 pc.	1000 ft. long.	8 pcs.	160 ft. long.
4 pcs.	50 ft. long.	12 pcs.	175 ft. long.
15 pcs.	55 ft. long.	25 pcs.	200 ft. long.
20 pcs.	60 ft. long.	10 pcs.	225 ft. long.
10 pcs.	70 ft. long.	12 pcs.	250 ft. long.
30 pcs.	75 ft. long.	5 pcs.	265 ft. long.
35 pcs.	80 ft. long.	5 pcs.	275 ft. long.
20 pcs.	85 ft. long.	5 pcs.	280 ft. long.
23 pcs.	90 ft. long.	16 pcs.	300 ft. long.

Per foot.....4 c

Lot No. 3.—¾-Inch Bright Steel Cable.

11 pcs.	25 ft. long.	11 pcs.	80 ft. long.
8 pcs.	30 ft. long.	7 pcs.	85 ft. long.
13 pcs.	35 ft. long.	7 pcs.	90 ft. long.
39 pcs.	40 ft. long.	3 pcs.	100 ft. long.
1 pc.	45 ft. long.	1 pc.	110 ft. long.
12 pcs.	50 ft. long.	2 pcs.	125 ft. long.
7 pcs.	55 ft. long.	1 pc.	150 ft. long.
23 pcs.	60 ft. long.	1 pc.	200 ft. long.
6 pcs.	65 ft. long.	1 pc.	300 ft. long.
4 pcs.	70 ft. long.	1 pc.	400 ft. long.
9 pcs.	75 ft. long.		

Per foot.....6 c

Lot No. 4.—¾-Inch Black Steel Cable.

6 pcs.	50 ft. long.	9 pcs.	175 ft. long
3 pcs.	60 ft. long.	16 pcs.	200 ft. long.
5 pcs.	70 ft. long.	3 pcs.	225 ft. long
4 pcs.	75 ft. long.	6 pcs.	250 ft. long
6 pcs.	80 ft. long.	1 pc.	275 ft. long.
9 pcs.	90 ft. long.	6 pcs.	300 ft. long.
17 pcs.	100 ft. long.	3 pcs.	400 ft. long.
2 pcs.	125 ft. long.	2 pcs.	500 ft. long.
9 pcs.	150 ft. long.	4 pcs.	1000 ft. long.

Per foot.....5½c

Lot No. 5.—⅜-Inch Steel Cable.

1 pc. 45 ft. long.
1 pc. 80 ft. long.
2 pcs 100 ft. long.
1 pc 300 ft. long.

Per foot.....2½c

Lot No. 6.—1-Inch Black Steel Cable.

1 pc. 35 ft. long.
1 pc. 40 ft. long.
1 pc. 500 ft. long.

Per foot.....8½c

Lot No. 7.—1⅛-Inch Steel Cable.

1 pc. 70 ft. long.

Per foot.....10 c

Lot No. 8.—1¼-Inch Plow Steel Cable. Six strands, 19 wires.

1 pc. 4000 ft. long.

Per foot.....13 c

Lot No. 9.—1⅛-Inch Plow Steel Cable. Six strands, 7 wires.

1 pc. 4000 ft. long.

Per foot.....12 c

Lot No. 10.—¾-Inch Steel Cable. Six strands, 7 wires.

3 pcs. 1000 ft. long.
1 pc. 122 ft. long.
1 pc. 300 ft. long.

Per foot.....6 c

If this List does not include your requirements, write us.

WIRE ROPE—Continued.

6-STRAND, 19 WIRES TO STRAND.

Lot No. 11—⅞-Inch Steel Cable.

3 pcs. 40 ft. long. 2 pcs. 50 ft. long.
1 pc. 50 ft. long. 2 pcs. 60 ft. long.
2 pcs. 60 ft. long. 1 pc. 72 ft. long.
1 pc. 70 ft. long. 1 pc. 105 ft. long.
2 pcs. 80 ft. long. Per foot.....6½c
2 pcs. 100 ft. long.
Per foot.....7c

Lot No. 13—½-Inch Cable.

4 pcs. 30 ft. long. 2 pcs. 50 ft. long.
2 pcs. 40 ft. long. 2 pcs. 60 ft. long.
Per foot 3c

Lot No. 14—½-Inch Black Steel Cable.

4 pcs. 30 ft. long. 3 pcs. 60 ft. long.
3 pcs. 40 ft. long. 1 pc. 70 ft. long.
3 pcs. 50 ft. long. 1 pc. 112 ft. long.
Per foot 2½c

SPECIFICATIONS ON HOISTING WIRE ROPE.

Diam. in inches	Weight per 100 feet.	Circumference in inches.	Breakage strain in tons of 2,000 lbs.	Proper working load in tons of 2,000 lbs.
½	39	1½	3½	½
⅝	60	2	5⅛	1¼
¾	88	2⅜	8½	1¾
⅞	120	2¾	11½	2½
1	158	3⅛	16	3
1⅛	200	3½	20	4
1¼	250	4	27	5½
1½	365	4¾	39	8
1¾	440	5½	54	11
2	630	6½	65	13
2¼	800	6⅞	74	15

GUY WIRE ROPE.

We usually have large quantities of second-hand Guy Wire Rope. It is composed of six strands, 7 or 12 wires to the strand. It is in good condition and is used for guys or derricks, standing ropes, rigging, etc.

PRICES ON GUY WIRE ROPE.

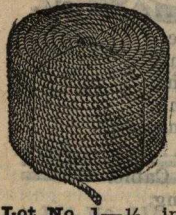
Six strands, with 7 or 12 wires to strand:

Diameter, Inches.	Circumference, Inches.	Weight. per 100 ft.	Price, per ft.
⅜	1⅛	20	1½
½	1⅝	31	2c
⅝	2	60	2½
¾	2⅜	92	3c
⅞	2⅝	110	3½
1	3	150	4¾
1⅛	3⅜	200	5½
1¼	3¾	228	6½
1½	4⅝	337	8½

BRAND NEW WIRE ROPE FASTENINGS OR CLIPS.

Diameter Rope, Size Inches.	Price, Each.
⅜	$0.07
½	.10
⅝	.11
¾	.16
⅞	.21
1	.23
1⅛	.29
1¼	.35
1½	.48

They will not slip or break, are very reliable and the most effective fastening on the market.



MANILLA ROPE

Our stock of Manilla Rope consists of sizes ranging from ½-inch to 2-inches. It is all good condition and can be purchased with perfect confidence as we guarantee every rope sent out.

Lot No. 1—½ in. new Manilla rope, 500 lbs. Per 100 feet....$1.25

Lot No. 2—⅜-in. Manilla rope, 1,000 lbs. Per 100 feet..... 1.00

Lot No. 3—¼-in. Manilla rope, 300 lbs. Per 100 feet..... .80

Lot No. 4—⅝-in. Manilla, 1 pc., 155 feet. Price 3.25

Lot No. 5—⅝-in. Manilla, 1 pc., 163 feet. Price 3.40

Lot No. 6—⅝-in. Manilla, 1 pc., 90 feet. Price 1.90

Lot No. 7—⅝-in. Manilla, 1 pc., 75 feet. Price 1.60

Lot No. 8—⅝-in. Bell Cord, 1 pc., 500 feet. Per 100 feet..... 2.10

Lot No. 10—¾-in. Manilla Rope.

1 pc. 250 ft. 1 pc. 51 ft.
1 pc. 275 ft. 1 pc. 34 ft.
1 pc. 150 ft. 1 pc. 75 ft.
1 pc. 145 ft.
Per 100 feet.....$2.50

Lot No. 11—⅞-in. Manilla Rope.

5 pc. 25 ft. 15 pc. 60 ft.
10 pc. 40 ft. 10 pc. 45 ft.
10 pc. 50 ft. 8 pc. 30 ft.
Per 100 feet.....$3.40

Lot No. 12—1-in. New Manilla Rope, shop worn.

1 pc. 800 ft. 1 pc. 217 ft.
1 pc. 500 ft. 1 pc. 212 ft.
1 pc. 300 ft. 1 pc. 150 ft.
Per 100 feet $4.50

Lot No. 14—1⅛-in. Manilla.

5 pcs. 30 ft. 6 pcs. 60 ft.
7 pcs. 35 ft. 2 pcs. 70 ft.
8 pcs. 40 ft. 4 pcs. 90 ft.
5 pcs. 45 ft. 1 pc. 100 ft.
5 pcs. 50 ft.
Per 100 feet.....$4.00

Lot No. 15—1¼-in. Manilla.

50 pcs. 25 ft. 21 pcs. 75 ft.
13 pcs. 30 ft. 2 pcs. 80 ft.
21 pcs. 40 ft. 2 pcs. 100 ft.
42 pcs. 50 ft. 1 pc. 150 ft.
15 pcs. 60 ft.
Per 100 feet.....$4.50

Lot No. 15½—1⅜-in. Manilla.

5 pcs. 25 ft. 16 pcs. 60 ft.
8 pcs. 30 ft. 6 pcs. 65 ft.
4 pcs. 35 ft. 7 pcs. 70 ft.
10 pcs. 40 ft. 13 pcs. 75 ft.
6 pcs. 45 ft. 11 pcs. 80 ft.
13 pcs. 50 ft.
Per 100 feet.....$5.25

ROPE OF ALL KINDS—Continued.

1⅜ in. 2nd hand Manilla—Cont'd.
4 pcs. 85 ft.
11 pcs. 90 ft.
14 pcs. 95 ft.
3 pcs. 100 ft.
15 pcs. 105 ft.
3 pcs. 110 ft.
1 pc. 120 ft.
2 pcs. 125 ft.
1 pc. 150 ft.
Per 100 feet.....$5.25

Lot No. 16—1½ in. 2nd hand Manilla.
1 pc. 30 ft.
2 pcs. 40 ft.
4 pcs. 45 ft.
10 pcs. 50 ft.
4 pcs. 60 ft.
3 pcs. 70 ft.
2 pcs. 75 ft.
6 pcs. 80 ft.
1 pc. 85 ft.
5 pcs. 90 ft.
3 pcs. 95 ft.
2 pcs. 100 ft.
Per 100 feet.....$5.75

Lot No. 17—1¾ in. 2nd hand Manilla.
1 pc. 21 ft.
1 pc. 20 ft.
1 pc. 28 ft.
3 pcs. 30 ft.
2 pcs. 35 ft.
3 pcs. 37 ft.
6 pcs. 40 ft.
1 pc. 45 ft.
10 pcs. 50 ft.
1 pc. 55 ft.
12 pcs. 60 ft.
3 pcs. 65 ft.
4 pcs. 70 ft.
2 pcs. 75 ft.
9 pcs. 80 ft.
4 pcs. 85 ft.
7 pcs. 90 ft.
2 pcs. 100 ft.
1 pc. 120 ft.
1 pc. 200 ft.
Per 100 feet.....$7.00

Lot No. 18—2 in. 2nd hand Manilla
1 pc. 20 ft.
1 pc. 27 ft.
15 pcs. 30 ft.
3 pcs. 35 ft.
16 pcs. 40 ft.
5 pcs. 45 ft.
22 pcs. 50 ft.
19 pcs. 60 ft.
9 pcs. 70 ft.
6 pcs. 75 ft.
13 pcs. 80 ft.
10 pcs. 90 ft.
1 pc. 95 ft.
3 pcs. 100 ft.
2 pcs. 110 ft.
1 pc. 120 ft.
1 pc. 125 ft.
5 pcs. 150 ft.
3 pcs. 175 ft.
2 pcs. 180 ft.
2 pcs. 190 ft.
3 pcs. 200 ft.
1 pc. 300 ft.
1 pc. 350 ft.
1 pc. 400 ft.
Per 100 feet.....$10.50

Lot No. 19—2¼ in. 2nd hand Manilla.
2 pcs. 25 ft.
10 pcs. 30 ft.
3 pcs. 35 ft.
14 pcs. 40 ft.
3 pcs. 45 ft.
9 pcs. 50 ft.
12 pcs. 60 ft.
4 pcs. 70 ft.
3 pcs. 75 ft.
4 pcs. 80 ft.
2 pcs. 85 ft.
3 pcs. 90 ft.
Per 100 feet.....$14.50

Lot No. 20—¾ in. new high grade, shop worn Sisal.
1 coil 150 lbs.
1 coil 200 lbs.
1 coil 125 lbs.
1 coil 150 lbs.
1 coil 175 lbs.
1 pc. 275 ft.
1 pc. 250 ft.
1 pc. 150 ft.
1 pc. 145 ft.
Price, coil lots .....7 c
Cut lengths .....8 c

Lot No. 21—⅞ in. new Sisal, 1 coil 175 lbs., per lb.....8 c

Lot No. 22—1 in. new Sisal, 1 coil 200 lbs., per lb.....8 c

Lot No. 23—New tarred flax, ⅜ in., 46 coils, from 30 lbs. to 140 lbs. to coil, all new, but shopworn, per lb.....6 c

Lot No. 24—New tarred flax, ½ in., 256 coils, from 50 to 100 lbs. to coil, all new but shopworn, per lb.....6 c

Lot No. 25—New tarred flax, ⅝ in., 8 coils, from 100 lbs. to 150 to coil, all new, but shop worn, per lb....6 c

Lot No. 26—New tarred flax, ⅞ in., 2 coils, 150 lbs. each, per lb.....6 c

Lot No. 27—New tarred flax, 1 in., 3 coils, 150 lbs. each, per lb.....6 c

Lot No. 28—New untarred flax, 9-16, 6 coils, 100 lbs. each, per lb.....6 c

Lot No. 29—New tarred lath yarn, 1,800 lbs, per lb.....7 c

Lot No. 30—New untarred lath yarn, 1,500 lbs., per lb.....7½c

Lot No. 31—New ⅝ in. cotton rope, 300 lbs., per lb.....

Lot No. 32—4 in. 2nd hand hawser, 50 ft., good condition, per lb.....8 c

Lot No. 33—3 in. 2nd hand hawser.
1 pc. 250 ft.
1 pc. 180 ft.
1 pc. 90 ft.
Per lb. .....8 c

MANILA ROPE.

SPECIFICATIONS.

Size in Dia., in.	Size in Circumference, in.	Approximate Length in 1 Pound.
½	1½	13 ft.
⅝	2	6 ft.
¾	2¼	4 ft. 3 in.
⅞	2¾	3 ft. 6 in
1	3	2 ft. 7 in.
1⅛	3½	2 ft. 3 in.
1¼	3¾	1 ft. 8 in.
1⅜	4¼	1 ft. 6 in.
1½	4½	1 ft.
1¾	5½	11 in.
2	6	10⅜ in.
2¼	7	7⅞ in.
2½	7½	6½ in.
3	9	4½ in.
4	12½	1½ in.

FLAX TOW ROPE.

Purchased at sale 100,000 pounds of Brand New Flax Tow Rope. In full lengths of 150 pounds to each coil, ¾-inch diameter.
Price, per pound, any quantity .....2 c
Price, per pound, per coil.....1½c

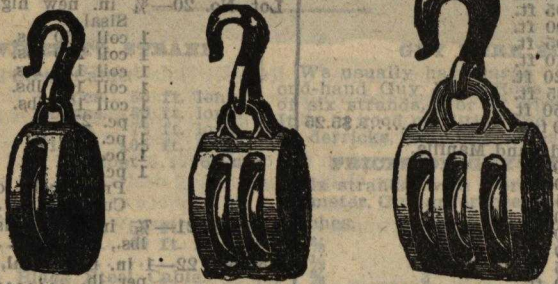
NEW MANILA ROPE.

We can also supply your wants on New Manila Rope in any size required, at lowest market prices

TACKLE BLOCKS

WOOD SHELL

See our Prices on Rope and Cable. They're Money Savers.



We have any other kind of Tackle Blocks You may Need.

Always on hand, Brand New Iron Strapped Blocks with Harcourt's Pat. Straps, Iron Sheaves and Loose Hooks

Lot No. 87

Diameter of Rope. Inches.	Length of Shell. Inches.	Single Pulley. Each.	Double Pulley. Each.	Triple Pulley. Each.
⅜	3	$0.23	$0.39	$0.53
½	4	.26	.44	.64
⅝	5	.27	.52	.67
¾	6	.33	.59	.86
⅞	7	.39	.71	1.05
1	8	.50	.85	1.26
1	9	.63	1.00	1.50
1⅛	10	.83	1.35	1.88
1¼	12	1.34	2.25	3.20
1⅜	14	2.00	3.50	4.50
1½	15	2.75	4.50	5.75



Lot No. 88 STEEL TACKLE BLOCKS

With Loose Hooks. Edges of Plates Rounded to Protect Rope.

Length of Shell. Inches.	Diameter of Rope. Inches.	Single Pulley. Each.	Double Pulley. Each.	Triple Pulley. Each.
4	½	$0.40	$0.80	$1.10
5	⅝	.45	.87	1.26
6	¾	.57	1.02	1.48
7	⅞	.68	1.23	1.82
8	1	.85	1.46	2.16
9	1⅛	1.09	1.83	2.50
10	1¼	1.40	2.33	3 19
12	1½	2.28	3.76	5.35



SNATCH BLOCKS

Lot No. 89

Size of Sheave. Inches.	For Diameter Rope. Inches.	Length of Shell. Inches.	Price, Each.
3 x1⅛x½	⅝	6	$1.60
3½x1¼x½	⅞	7	1.90
4½x1⅜x⅝	1	8	2.30
5 x1⅜x⅝	1⅛	9	2.70
5¾x1⅞x¾	1¼	10	3.40
6¾x2⅛x¾	1½	12	4.00

STEEL SNATCH BLOCKS

Lot No. 90

They are lighter than iron, and yet 30 per cent stronger and stiffer.

Size of Sheave. Inches.	For Diameter Rope. Inches.	Length of Shell. Inches.	Price, Each.
3 x1⅛x½	⅝	6	$2.50
3½x1¼x½	⅞	7	2.75
4½x1⅜x⅝	1	8	3.50
5 x1⅜x⅝	1⅛	9	4.00
5¾x1⅞x¾	1¼	10	4.50
6¾x2⅛x¾	1½	12	5.75





BLOCKS FOR WIRE ROPE

We usually furnish these Blocks with Stiff Swivel Hooks. But can furnish either kind.

Diameter of Sheave. Inches.	For Wire Rope. Diameter. Inches.	Iron Bushed. Single.	Iron Bushed. Double.	Self Lubricating. Bronze Bushed. Triple.	Self Lubricating. Bronze Bushed. Single.	Self Lubricating. Bronze Bushed. Double.	Self Lubricating. Bronze Bushed. Triple.
10	⅝	$5.50	$8.25	$11.00	$7.25	$11.55	$15.40
14	¾	7.70	10.45	14.30	9.35	13.75	18.70
18	⅞	11.00	15.40	19.80	13.20	19.80	25.30

Fig. No. 969. Loose Hooks. Stiff Swivel Hook. Fig. No. 970.



WE HAVE GOOD SECOND HAND MANILLA ROPE.

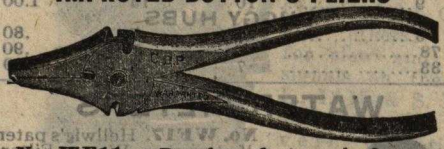
STAPLE PULLER FENCING PLIER



No. WF10. This Fencing Tool is needed by people that build or have occasion to remove or repair wire fences. They are made of forged tool steel, and are warranted to cut No. 8 hard or No. 6 soft wire. They are fully warranted in all respects. To pull staples grapple the staple just under the wire. Length 11 inches.

Price.....each, **$0.80**

IMPROVED BUTTON'S PLIERS



No. WF11. Purchased at a sale five gross of these excellent improved new and perfect tools. They are the best on the market. As a Wire Cutter and Plier there is nothing that will equal them for convenience strength and durability.

The advantages to be obtained by using this Plier and Cutter over all others in use are, owing to the great leverage secured, the superiority of the shear cut and the convenience of the entire arrangement.

These tools are made throughout from superior cast steel, tempered in the most approved manner and subject to a most severe test. They are fully warranted. Do not compare them to the cheap imported article on the market.

They are all 8 inches long and will cut anything not larger than No. 8 wire.

Price.....each, **$0.35**
Price.....per dozen, **3.50**

MORRILL'S OLD ORIGINAL SAW SET



No. W12F. This tool has all objectionable features eliminated. The lower part of the movable handle has a cog tooth engaging in a recess in the rear end of the plunger, thereby making a positive connection, causing the lever to draw the plunger back as well as to force it forward, doing away with the small pin which stood all the strain of the spring and frequently cut it off, causing much annoyance. The plunger works in a covered box, preventing the accumulation of sawdust and chips as in the old style set, which clogged the tool and prevented its working. The head is left open so that the operator can see the point of the tool to be set. Quality and finish guaranteed.

Price.....each, **$0.45**
Price.....per dozen, **4.50**

THESE TOOLS ARE NEW AND PERFECT.

A JOB OF CROSS CUT SAWS

A lot of these just came in; they are somewhat shop worn, but yet are very good for general service. They represent various makes.

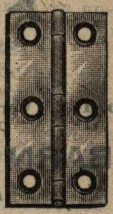
THIS IS THE LIST

Order No. 800

12	8 ft.	Diamond
18	8 ft.	Pacifico
28	8 ft.	Med. Turtle
19	7½ ft.	single hook
8	7 ft.	single hook
50	7½ ft.	common single
35	6 ft.	single hook
53	6½ ft.	Turtle Emerson
10	7½ ft.	single hook
8	7½ ft.	Occident
10	8 ft.	Champion bright
18	8 ft.	Lance
20	6 ft.	single hook
20	7½ ft.	American
7	7 ft.	American
18	6½ ft.	single hook

Price per foot for any of them.....**12c**

NICKEL PLATED HINGES.



No. 123. 1,000 dozen. Solid brass, brand new. First class, nickel plated hinges. Width 1 inch. Length 1¾ inches.

Price.....each, $0.05
Price.....per dozen, .50

WROUGHT STEEL STRAP HINGES

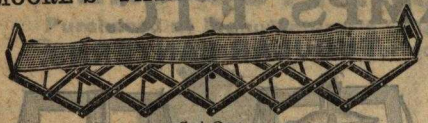


No. 051. We bought at Receivers' sale a car-load of these hinges. They are the strongest strap hinge made—practically indestructible.

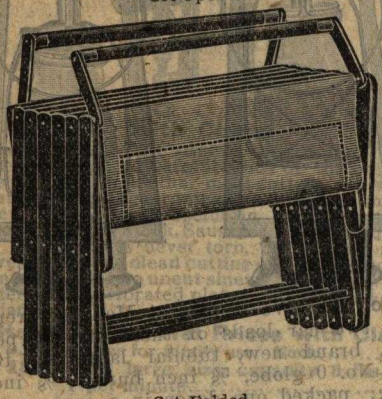
Size, inches,	6	8	10
Price, per pair,	$0.05	$0.08	$0.12
Price, per dozen pair,	0.50	0.80	1.15
Size, inches,	12		14
Price, per pair,	$0.18		$0.22
Price, per dozen pair,	1.75		2.25

MILLIONS OF DOLLARS WORTH OF MERCHANDISE FROM THE ST. LOUIS WORLD'S FAIR.

MOORE'S PATENT FOLDING COTS.



Cot Open



Cot Folded

No. M81. 50 "Moore's" patent folding cots, for Patrol Wagon, Ambulance, Station, Hospital, Railway, Camping, etc. This cot when folded takes up little room, can be stored under the seat of Patrol Wagon or Ambulance, or can be carried around. It is over 6 ft. long by 2 ft. wide, and is capable of raising the heaviest and tallest person. They are built of selected polished oak, with A1 brown canvas top and heavy suspension bands. It can also be used as a cot or camp stool; is in every way comfortable. Canvas can be taken off, washed and replaced by simply removing one screw at the end. It can be also used for camping out.
Price, each.....$7.00



PAPER FLOWER POTS.

No. M83—

2¼ inch, per dozen.	$0.03
2½ inch, per dozen...	0.04
3 inch, per dozen...	0.05

BOX LOCKERS.

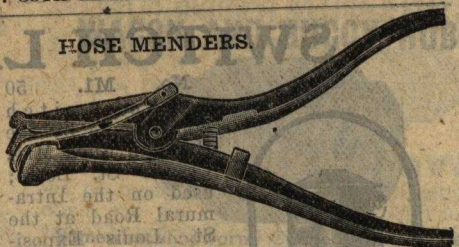
No. M82. 500 Box Lockers, 20x30x12 inches high, each one fitted with a pair of strap hinges, hasp and staple, and one pair of Black Japanned revolving handles. There is a portable tray in the top with divisions provided to make three compartments. Price, each.....$0.60

STEP LADDERS.

No. M84. 1,000 first-class Step Ladders, made of selected lumber. Used during St. Louis Exposition. Some with shelves and some without.

8 foot, each	$0.60
9 foot, each	0.70
10 foot, each	0.85
12 foot, each	0.95
14 foot, each	1.50

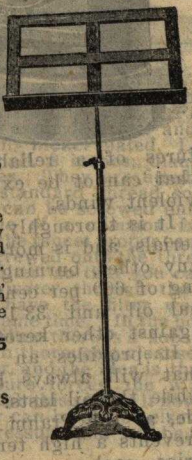
HOSE MENDERS.



No. M86. 250 sets of brand new "Centaur" Hose Pliers and Menders. Each set put up complete in a box, consisting of 1 pair Japanned pliers and 7 hose bands. Price, per set.....$0.30

EXTENSION LADDERS.

No. M85. 10 40-foot Extension Ladders; selected and seasoned Norway pine, with hickory rounds.
Price, each.....$3.00



STRAIGHT LADDERS.

No. 553. 25 20-foot Straight Ladders.
Price, each $1.75

MUSIC STANDS.

No. M79. 100 Malleable iron music stands. Heavy iron ornamented base. Used during St. Louis Exposition. Quarter sawed oak desk, 13x20 inches. Adjustable iron slide rod. Just the article for band or concert use.
Price.....$1.25

WATER FILTERS.

These came from the World's Fair, St. Louis, were used 6 months, are first-class for further service.

No. 596. 50 portable combination germ-proof Filters and Coolers. Have bristle stone ware lining with ice shield, galvanized outside casing, nickel-plated faucet. Style 26, capacity 6 gallons, weight 76 pounds.
Price .....each, $4.00



No. 597. Style 210, capacity 10 gallons, weight 125 pounds.
Price .....each, $6.00

No. 598. Style 220, capacity 20 gallons, weight 188 pounds.
Price .....each, $7.00

No. 599. Also 25 other Water Coolers, 6-gallon capacity, galvanized iron inside cylinder, plated faucet, fancy decorated.
Price .....each, $1.25

No. 600. 25 same as above, 20 gallons capacity.
Price .....each, $5.00

No. 841. Two No. 2 complete Filtered Water Coolers, made by the National Filter Co. Full description and price on application.

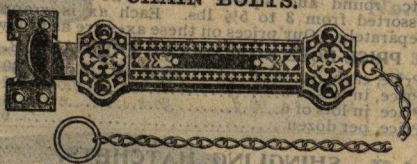
DOOR HANDLES, BOLTS, ETC.

SQUARE BOLTS.



No. M18. 30 dozen heavy wrought steel square bolts; Japan plates; steel springs; size of bolt ⅝"; length 7".
Price, each.....$0.15
Price, per dozen..... 1.50

CHAIN BOLTS.



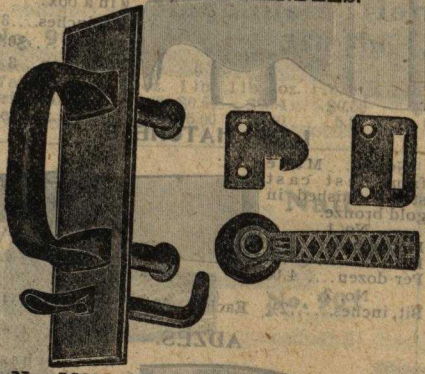
No. M19. 100 chain bolts; cast metal; Japanned cases; polished bolts; size 8".
Price, per dozen.....$1.50
Price, each..... 0.15

BUTTS.

No. M20. 500 paid; 6x6; loose pin Japanned butts.
Price, per pair.....0.10
Price, per dozen.....$0.60

No. M21. 50 dozen; 5x8; loose joint butts.
Price, each.....$0.05
Price, per dozen..... 0.50

STORE DOOR HANDLES.



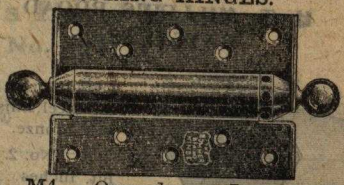
No. M22. 20 dozen store door handles; Japan with bolts, nuts and screws for either right or left hand doors.
Price, each.....$0.20
Price, per dozen..... 2.00

LIFTING HANDLES.

No. M47. 18 pair of handsome real Bronze iron door handles with false lock; very neat pattern; width 3½", length 18".
Price, each.....$1.00

No. M48. 10,000 fancy Japanned lifting handles; size 3".
Price, per dozen.....$0.25

SPRING HINGES.



No. M4. One dozen Lawson Patent double acting spring hinges, complete; second hand in good condition for 1¾" door.
Price, each.....$1.00

No. M5. 200 Bommer spring hinges; size No. 1; Japan; for doors ⅞ to 1¼"; length of flange 4".
Price, per pair.....$0.30
Price, per dozen..... 3.00

No. M6. 100 Japan double acting spring hinges in good condition for 1⅜" doors.
Price, per pair.....$0.50
Price, per dozen..... 5.00

STRAP HINGES.

No. M7. 50 pair of strap iron hinges; size of iron 2" wide, ⅜" thick; length one side 18", other side 21"; suitable for gates, barn doors, etc., with six bolts.
Price, per pair.....$0.50

No. M8. 5 dozen 3" screen door hinges.
Price, per pair.....$0.05
Price, per dozen..... 0.50

SASH BALANCES.

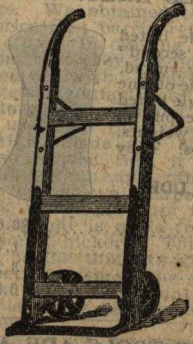
No. M9. 250 Pullman sash balances; steel frame adjustable, noiseless with flat steel take for sash 48" long and for weight up to 36 lbs. Each set consists of four balances.
Price, per set.....$2.00

TRANSOM CATCHES.

No. M10. 40 dozen transom catches; size 2¼x3", with brass ring and bolt.
Price, each.....$0.10
Price, per dozen..... 1.00

BARREL BOLTS.

No. M11. Wrought steel barrel bolts; Japan; size 4".
Price, each.....$0.04
Price, per dozen..... 0.40



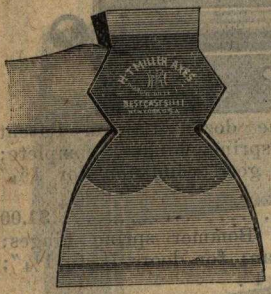
WAREHOUSE TRUCKS.

With bent handles, 45½ inches long, 2½ inches tapered to 2x1½ inches thick. Width at upper bar, 17½ inches; width at nose, 11½ inches. Has steel axle 1x1½ inch; wheels 5½ inches in diameter; 1½ inch face; center strap, 1¼x⅛ inch; steel dash, 1¼x⅜ inch. Weight, 21 pounds. Strong, durable, made of best material throughout.
Price, each $2.00

THESE GOODS ARE ALL BRAND NEW.

HIGH GRADE TOOLS.

H. T. MILLER'S BROAD HATCHETS.

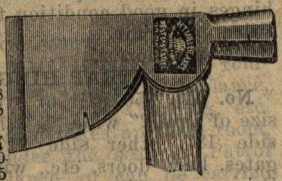


Made from best cast steel; finished in gold bronze.

No. 2.
Bit, inches..... 4½
Price, each.....$0.50
Per dozen..... 5.00

No. 4.
Bit, inches..... 5½
Price, each.....$0.65
Per dozen..... 6.50

H. T. MILLER'S HALF HATCHETS.

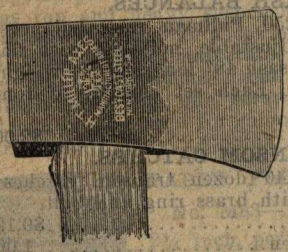


Made from best cast steel; finished in gold bronze.

No. 1.
Bit, inches..... 3½
Price, each.....$0.38
Per Dozen..... 3.75

No. 2.
Bit, inches..... 3¾
Price, each.....$0.40
Per dozen..... 4.75

H. T. MILLER'S No. 0 HUNTERS' HATCHET.



Weight, without handles, each, 1¼ pounds.

A useful tool around the house or farm as it takes the place of hatchet, hammer or ax. Made from best cast steel. Each ax properly handled with 12 inch handle.

Price, each.....$0.38
Per dozen..... 3.75

FINE STEEL AXES.

DOUBLE BITTED AXES.



We also have some double bitted axes in stock that are "second" quality. They are slightly rusted, but yet first claas, being made of fine quality steel, same as the single bitted axes offered above, and are put up one dozen in a case, assorted weights, ranging from 3½ to 5½ lbs. They are all polished.

PRICE DOES NOT INCLUDE THE HANDLE.

Price each.....$0.65
Price, in lots of 3..... 1.75
Price, in lots of 6..... 3.25
Price, per dozen..... 6.00

"SPECIAL CAST STEEL" BRAND AXES.



These axes were purchased by us at a Receivers Sale. Each ax is painted a solid black color with a fancy gilt band, and is known as the "Special Cast Steel" ax. The bits are bright polished, as is also the poll. The material from which these axes is made is the best grade of crucible steel obtainable. The bits are hand tempered. They have extra sharp edge. They are put up assorted, one dozen in a case, that is, each case contains an assortment of designs such as Michigan, Dayton, Yankee, etc., round and square polls. The weights are assorted from 3 to 5½ lbs. Each ax is wrapped separately. Our prices on these axes are as follows.

PRICE DOES NOT INCLUDE THE HANDLE.

Price, each.....$0.65
Price, in lots of 3..... 1.75
Price, in lots of 6..... 3.25
Price, per dozen..... 6.00

SHINGLING HATCHETS.

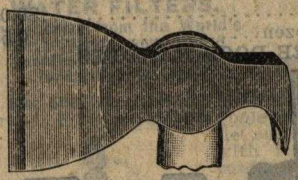


No. 830. Shingling Hatchets. Extra cast steel. Packed 6 in a box.

No. 1.
Bit, inches.. 3½
Each $0.32
Per dozen.. 3.25

No. 2.
Bit, inches.....4 Each....$0.35 Per dozen.. 3.50

CLAW HATCHETS.



No. 833. Claw Hatchets. Extra caststeel. Packed 6 in a box.
Bit, inches....3½
Each.....$0.35
Per dozen.. 3.50

LATH HATCHETS.



No. 901. Made from best cast steel; finished in gold bronze.

No. 1.
Bit, inches.....2½
Each..... $0.40
Per dozen.... 4.00

No. 2.
Bit, inches.....2¾ Each ....$0.42 Per dozen. 4.25

ADZES.



We purchased from the manufacturers these high grade, handsome tools, finished in bronze, with polished bit. They are made of highest grade, extra cast steel.

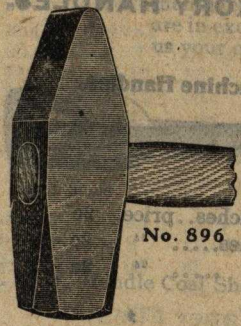
No. 1. Carpenters' Pattern "H. T. Miller" Adzes.
Each.....$0.85
Per dozen..... 9.00

No. 2. Railroad Pattern "H. T. Miller" Adzes.
Each.....$0.85
Per dozen..... 9.00

THESE TOOLS ARE ABSOLUTELY WARRANTED.

HIGH GRADE CAST STEEL HAMMERS

These tools are made of the very best selected tool steel and are polished. They are known as manufacturer's second selection, not strictly firsts. They are good enough for anyone. They have polished hardwood handles.

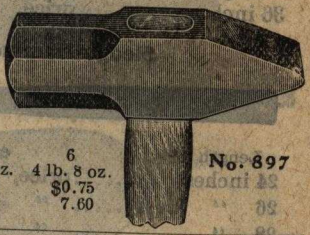


No. 896

Blacksmith's Hand Hammers

No. 896

Size	0	1	2	3	4	5
Weight, each	1 lb. 10 oz.	2 lb.	2 lb. 10 oz.	3 lb.	3 lb. 8 oz.	4 lb. 8 oz.
Price, each	$0.50	$0.55	$0.60	$0.65	$0.70	$0.75
Per dozen	5.20	5.60	6.00	6.40	6.80	7.60



No. 897

Engineers' Hammers

No. 897

Size	0	1	2	3	4	5	6
Weight, each	1 lb. 2 oz.	1 lb. 10 oz.	2 lb.	2 lb. 8 oz.	3 lb.	3 lb. 8 oz.	4 lb. 8 oz.
Price, each	$0.45	$0.50	$0.55	$0.60	$0.65	$0.70	$0.75
Per dozen	4.80	5.20	5.60	6.00	6.40	6.80	7.60



No. 898

Riveting Hammers

No. 898

Size	0	1	2	3	4	5	6	7
Weight, each	4 oz.	7 oz.	9 oz.	12 oz.	15 oz.	1 lb. 2 oz.	1 lb. 6 oz.	1 lb. 10 oz.
Price, each	$0.22	$0.23	$0.24	$0.25	$0.26	$0.28	$0.30	$0.32
Per dozen	2.20	2.30	2.40	2.50	2.60	2.80	3.00	3.20

Farriers' Hammers

No. 899

Weight approximately, 7 oz. Price, each.....$0.30 Per dozen.....$3.00



No. 900

Machinists' Hammers

No. 900 Ball Pin

Size	000	00	0	1	2	3	4	5	6
Weight,	8 oz.	10 oz.	1 lb.	1 lb. 4 oz.	1 lb. 8 oz.	1 lb. 12 oz.	2 lb.	2 lb. 4 oz.	2 lb. 8 oz.
Price ea.	$0.48	$0.48	$0.50	$0.54	$0.58	$0 62	$0.66	$0.70	$0.75
Per doz..	4.80	4.80	5.00	5.40	5.80	6.20	6.60	7.00	7.60



Nail Hammers

No. 901

Size	1	1½	2	3
Weight..	1 lb. 4 oz.	1 lb. 13 oz.	7 oz.	
Each....	$0.34	$0.32	$0.30	$0.20
Per doz..	3.40	3.20	3.00	2.80

HACK SAW BLADES.

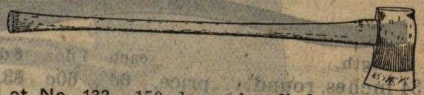


HACK SAW BLADES.

Lot No. 124. Highest quality "Springfield."

Length, inches.	8.	9.	10.	12.
Price, per gross	$3.25	$3.50	$3.75	$4.00

HANDLED AXES.



Lot No. 133.—150 dozen handled strictly first-class Axes, made of the highest grade oil tempered razor steel, black japanned and polished edge. We obtained them at a forced sale for a price that barely represents the cost of manufacture. In offering these axes, we make the claim that they are equal to any axe manufactured on earth. They were made by one of the largest manufacturers in the best equipped axe factory in the United States, where great care is used in the selection of material. The straight blade and blunt wedge shaped head is so formed that it will cut deeper without binding than any other axe on the market. The eye is oval shape and tapers towards the neck which prevents the handle coming loose. The handle is made from young growth of well seasoned hickory. Through a peculiar bend in the handle this axe always cuts in a slanting direction without the necessity of twisting the wrist. This is a point that will be greatly appreciated by lumbermen. Weighs 4½ lbs. Per dozen $5.50
In lots of 6 doz., per dozen 4.75

HANDLES.

SIX CAR LOADS OF SECOND QUALITY HICKORY HANDLES.

NOTE OUR PRICES.

Post Maul Handles.



Length.		each.	1 doz.	6 doz.
36 inches	price,	6c	60c	$3.00

Machine Handles.



Length.		each.	1 doz.	6 doz.
12, 13 and 14 inches	price,	2c	18c	$0
16 and 18 inches	"	2c	20c	
20 " 22 "	"	2c	22c	

Sledge Hammers.



Length.		each.	1 doz.	6 doz.
24 inches	price,	5c	45c	$2.20
26 "	"	5c	48c	2.35
28 "	"	5c	50c	2.60
30 "	"	5c	55c	2.85
32 "	"	6c	57c	3.00
34 "	"	6c	60c	3.10
36 "	"	6c	60c	3.10

Stone Hammer Handles.



Length.		each.	1 doz.	6 doz.
13, 14 and 15 inches	price,	2c	18c	$0.95

Single Bit Ax Handles.



Length.		each.	1 doz.	6 doz.
28 inches	price,	5c	50c	$2.60
36 "	"	7c	75c	4.00

Adze Eye Handles.



Length.		each.	1 doz.	6 doz.
13, 14 and 15 inches	price,	2c	18c	$0.95

Double Bitted Ax Handles.



Length.		each	1 doz.	6 doz.
36 inches	price,	6c	60c	$3.10

Riveting Hammer Handles.



Length.		each.	1 doz.	6 doz.
15 inches	price,	2c	18c	$0.95

Adze Handles.



Length.		each	1 doz.	6 doz.
34 inches, round	price,	6c	60c	$3.10
30 " octagon	"	5c	55c	2.85

Bench Hatchet Handles.



Length.		each.	1 doz.	6 doz.
16 inches	price,	2c	18c	$0.9

Pick Handles.



Length.		each.	1 doz.	6 doz.
36 inches	price,	6c	60c	$3.10

Boiler Rivet Handles.

Length.		each.	1 doz.	6 doz.
14 inches	price,	2c	18c	$0.95

Forge Handles.

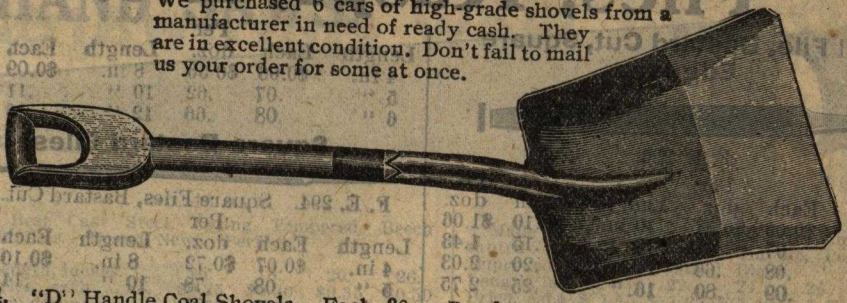
Length.		each.	1 doz.	6 doz.
16 inches	price,	2c	20c	$1.00
20 "	"	2c	22c	1.15
22 "	"	2c	24c	1.25
24 "	"	2c	25c	1.30

Hatchet Handles.

Length.		each.	1 doz.	6 doz.
13 inches	price,	2c	18c	$0.95

HIGH-GRADE SHOVELS

We purchased 6 cars of high-grade shovels from a manufacturer in need of ready cash. They are in excellent condition. Don't fail to mail us your order for some at once.



No. 614. "D" Handle Coal Shovels. Each, 30c. Per dozen $3.25



No. 615. Round Point Spades. Each, 30c. Per dozen..... $3.25



No. 616. "D" Handle Square Point Shovels. Each, 30c. Per dozen..... $3.25



No. 619. "D" Handle Round Point Spades. Each, 30c. Per dozen..... $3.00



No. 618. Long Handle Spade, Square Point. Each, 30c. Per dozen..... $3.25



No. 617. "D" Handle Scoops. Each, 55c. Per dozen..... $5.50

We are Constantly Buying Stocks at Sheriffs' and Receivers' Sales.

Files, Rasps, Etc.

Mill File, Bastard Cut, Square Edges.



F. E. 290.

Length	Each	Per doz.	Length	Each	Per doz.
4 in.	$0.06	$0.57	10 in.	$0.10	$1.06
5 "	.07	.61	12 "	.15	1.43
6 "	.08	.66	14 "	.20	2.03
8 "	.09	.80	16 "	.25	2.75

Flat Bastard Files.



F. E. 291. Flat Files, Bastard Cut.

Length	Each	Per doz.	Length	Each	Per doz.
4 in.	$0.07	$0.70	10 in.	$0.14	$1.33
5 "	.08	.75	12 "	.19	1.80
6 "	.09	.81	14 "	.26	2.40
8 "	.10	1.00	16 "	.34	3.38

Half Round Bastard Files.



F. E. 292. Half Round Files, Bastard Cut.

Length	Each	Per doz.	Length	Each	Per doz.
6 in.	$0.11	$1.14	10 in.	$0.19	$1.74
8 "	.16	1.42	12 "	.23	2.20

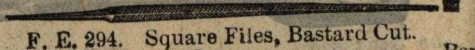
Round Bastard Files.



F. E. 293. Round Files, Bastard Cut.

Length	Each	Per doz.	Length	Each	Per doz.
4 in.	$0.06	$0 56	8 in.	$0.09	$0.81
5 "	.07	.62	10 "	.11	1.04
6 "	.08	.66	12 "	.16	1.43

Square Bastard Files.



F. E. 294. Square Files, Bastard Cut.

Length	Each	Per doz.	Length	Each	Per doz.
4 in.	$0.07	$0.72	8 in.	$0.10	$1.02
5 "	.08	.78	10 "	.14	1.38
6 "	.09	.85			

Taper Files.



F. E. 295. Taper or Saw Files, 3 square sides

Length	Each	Per doz.	Length	Each	Per doz.
3 in.	$0.04	$0.40	6 in.	$0.07	$0.63
4 "	.05	.44	7 "	.08	.79
5 "	.06	.53	8 "	.10	1.08

Horse Rasps.



F. E. 296. Horse Rasps.

Horse Rasps, made of best file steel, properly tempered and fully warranted. Weight 18 to 42 ounces.

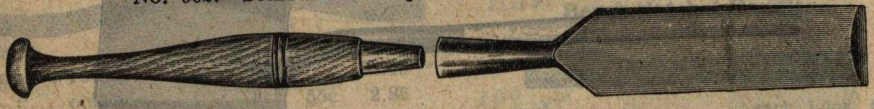
Size	Each	Per doz.	Size	Each	Per doz
12 in.	$0.23	$2.40	16 in.	$0.42	$4.55
14 "	.31	3.35			

EXCELLENT CAST STEEL TOOLS.

Purchased at Receiver's Sale—Bailey's Tools made by the Sag Harbor Tool Co.

CARPENTERS SLICKS.

No. 902. Somewhat Rusty—Have High Grade Handles.



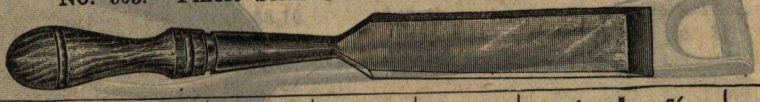
Two Sizes.

3 inch wide.....Each, 80c.....Per Dozen, $8.00

3½ " " ..... " 90c..... " " 9.00

SOCKET FIRMER CHISELS.

No. 903. Finest Solid Cast Steel—Beveled Edge.



Inches.....	⅛	¼	⅜	½	⅝	¾	⅞	1
Price Each.....	40c	41c	42c	50c	54c	58c	60c	65c
Per Dozen.....	$4.00	$4.10	$4.20	$5.00	$5.40	$5.80	$6.00	$6.50

HAND SAWS.



NO. 16 SAW.

Best Cast Steel, Spring Tempered, Beech Handles. Brand New. Perfect.

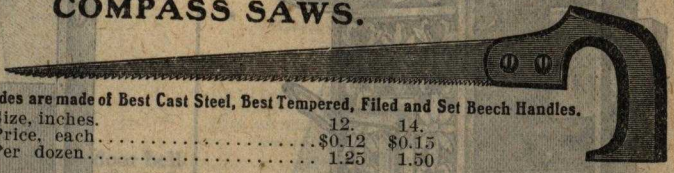
Length, inches.	16.	18.	20.	26.
Price, each	$0.25	$0.30	$0.35	$0.50
Per dozen	2.50	3.00	3.20	5.00

NO. 17 SAW.

Made from the Best Spring Steel and warranted; Curved Applewood Handle, Polished; Improved Screws; Grained Blade.

Length, in.	20.	22.	24.	26.	28.
Price, each.	$ 1.15	$ 1.25	$ 1.40	$ 1.45	$ 1.60
Per dozen.	11.50	12.50	14.00	14.50	16.00

COMPASS SAWS.



Brand New, Perfect, Blades are made of Best Cast Steel, Best Tempered, Filed and Set Beech Handles.

Size, inches.	12.	14.
Price, each	$0.12	$0.15
Per dozen	1.25	1.50

HACK SAWS.



Brand New, Perfect, Steel Spring Frame, Nickel Plated, Enameled Handle, Extra Fine Quality Saw, Each Saw complete with Blade.

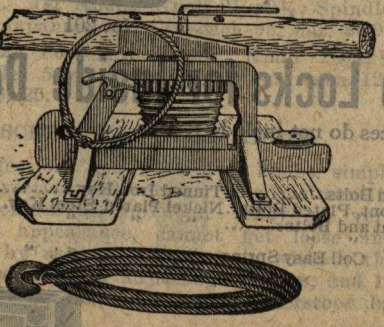
GRASS HOOKS.

No. 835. Grass Hooks or Sickles. Solid steel hook, double back, polished. Evenly balanced for cutting grass, weeds, trimming hedges, etc. It is ground ready for use.

Size, inches.	8.	10.
Price, each	$0.15	$0.20
Per dozen	1.50	2.00



PREMIER STUMP PULLERS



These are the most powerful stump pullers made. They can be moved and set in five minutes time. Always hold all cable gathered on spool whether machine is in gear or not. Can do as much work in one day as fifteen men could do by hand. Will work on side hill as well as on level ground, and will always stand upright and swing in line with stump to be pulled.

No. 1. Furnished with 40 feet ⅝-inch wire cable pull rope, 5 feet anchor rope, and steel hook attached to end of pull cable. Shipping weight, 275 pounds.
Price **$14.25**

No. 2. For grubs and stumps from 6 to 12 inches diameter. Guaranteed pulling capacity, without power pulley, 44,000 pounds. Furnished with 50 feet ¾-inch special steel pull cable, and 8 feet ¾-inch anchor cable. Weight, 475 pounds.
Price **$21.50**

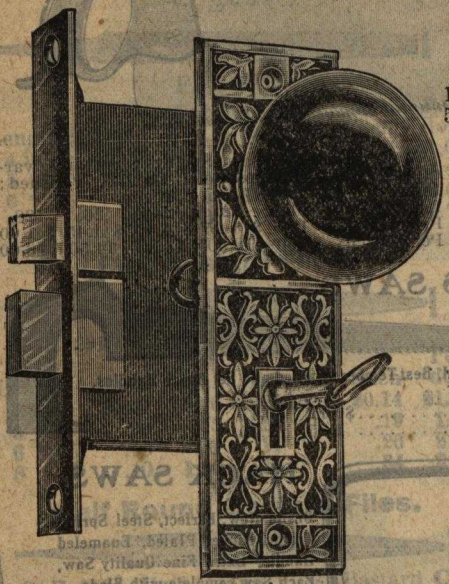
No. 3. Same as above, fitted with 75 feet wire cable pull rope; pulling capacity with power pulley, 88,000 pounds. Weight, 525 pounds.
Price **$26.25**

No. 4. Pulling capacity (without double power pulley), 58,000 pounds. Fitted with 50 feet ¾-inch wire pull cable and 10 feet ¾-inch anchor cable. Weight, 700 pounds.
Price **$33.35**

No. 5. 75 feet of pull cable in one piece. Pulling capacity, with double power pulley, 115,000 pounds. Weight, 750 pounds.
Price **$38.35**

No. 6. Guaranteed pulling capacity, with power pulley, 136,000 pounds. Fitted with 75 feet ⅞-inch highest grade wire cable pull rope, 12 feet ⅞-inch anchor cable. Weight, 1,000 pounds.
Price **$48.75**

Brand New Hardware.



No. 200

No. 200—Mortise Inside Sets, Reversible.
(Cut half size).

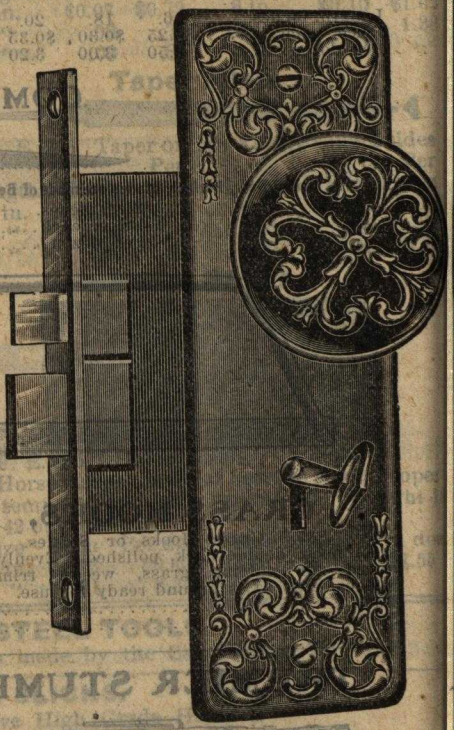
Bronze Plated, Steel Front, Nickeled Steel Key, Polished Shank Jet Knob, Wrought Escutcheons 5¾x1¾, Lock 3½x3¼.

Price Per Set.....$ .45
Per Dozen Sets..... 4.50

No. 201—Mortise Inside Sets, Reversible.
(Cut half size).

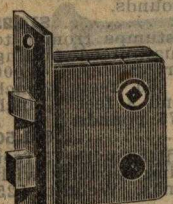
Bronze Plated Steel Front, Nickeled Steel Key, Bronze Plated and Polished Knob and Escutcheon, Lock 3½x3¼.

Price Per Set.....$ .75
Per Dozen Sets..... 7.50



No. 201

No. 202—Front Door Sets. Same as 201, with Bitted Keys. Price Per Set $1.65.



Mortise Knob Locks for Inside Doors.

Prices do not include Knobs.

No.	Size.			Each.
3108.	3¼x3¼.	Steel Front, Iron Bolts.....	Tinned Iron Key.....	15c....
3109.	3¼x3¼.	Plated Steel Front, Plated Bolts..	Nickel Plated Steel Key...	27c....
3126.	3¼x3¼.	Cast Brass Front and Bolts.....	" " " "	30c....
3340.	3¼x3¼.	" " " " "	Coil Easy Spring " " " "	50c....



Upright Rim Knob Locks.

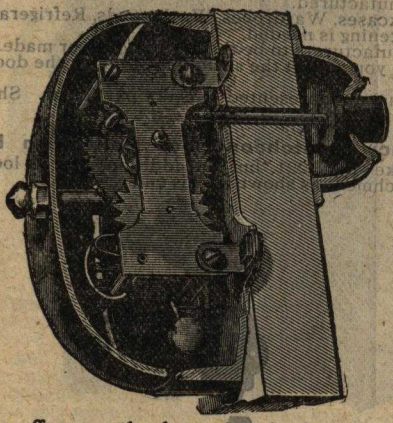
Prices do not include Knobs.

No. 7536, Size 4x3-4, Iron Bolts, Each 13c; Per Dozen $1.35.
No. 7539, Size 5x3-4, Brass Bolts, Each 30c; Per Dozen $3.00.

THIS MATERIAL IS ALL NEW.

ELECTRIC RING DOOR BELLS.

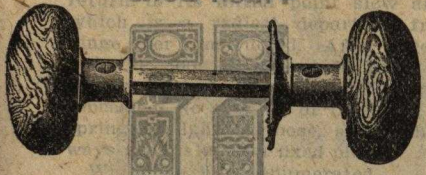
Brand New and Perfect. Bought at Sheriff's Sale.



We offer you the best electric ring door bell ever made. It requires no battery. Self-winding—rings as you push the button. It has the same powerful sound as an electric bell, and is at once the most perfect, novel and simple door bell on the market. It is 4 inches in diameter. The gong is full nickel plated, with plain bronze rosette.

Price each.....$0.60
Per dozen..... 6.00

KNOBS



No. 501. Jet Knobs, Knob 2½x2¼, Spindles 5-16, Japanned Shanks, each 9c, doz. $0.90.

No. 502. Porcelain Knobs, Knob 2½x2¼ Spindles 5-16, Japanned Shanks, each 12c, doz. $1.25.

SCREWLESS DOOR KNOBS.

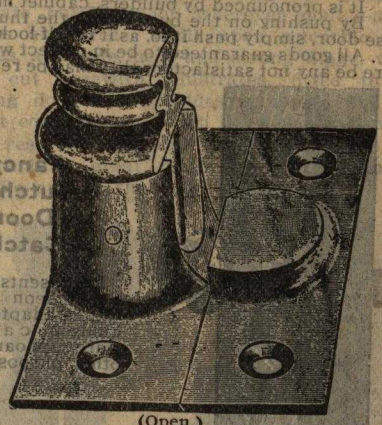
"Perfection" screwless door knobs, simple in construction and perfect for adjustment to any thickness of the door. They are very neat in appearance, cannot get loose and wabbly by use. Can be put on without the use of screws and adjusting washers, and in a manner so simple as to be understood by any one.

No. 503. 17 dozen, 2¼ inch diameter, solid bronze metal knobs and roses. Price per pair, 55c. Per dozen, price $5.50.

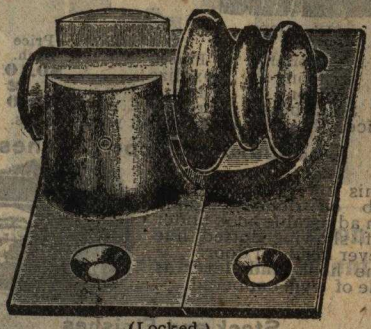
No. 504. 48 dozen jet door knobs with cast bronze shanks and roses.
Price per pair, 25c. Per dozen, price, $2.25.

HOYT'S PATENT BULL DOG WINDOW LOCK.

Brand New. Bought at Receivers' Sale.



(Open.)



(Locked.)

It presents a splendid finish, and when unlocked is entirely out of the way. Never gets out of order, is superior to anything in the market, and when locked, as shown in the cut, is *absolutely burglar proof;* cannot be opened or forced except by breaking or removing the window glass. Finished in nickel plate highly polished.

Each.....$0.05
Per dozen..... .50
Per gross..... 5.00

SASH LOCKS.

ORNAMENTAL. Size, 2½ Inches.



No. 503, bronzed iron, each...$0.04
Per dozen... 0.40
No. 504, bronzed plated, polished, raised surface, black background, each.....$0.10
Per dozen... 1.00
All this material is new and perfect.

NEW ERA DOOR CATCH

The New Era Door Catch is a new and novel invention, and a long-felt want by manufacturers and builders.

It will not get out of order as is the case with other catches. It is simple, durable, compact, neat, and easily put on. It is the most complete Door Catch ever manufactured.

It is used on all classes of work, viz.: Sideboards, Bookcases, Wardrobes, Washstands, Refrigerators, large or small Cupboards, or anything where a catch or fastening is needed.

It is pronounced by builders, cabinet makers and manufacturers to be the best catch ever made.

By pushing on the button with the thumb (see No. 6) you pull at the same time, to open the door; to close door, simply push it to, as it is self-locking.

All goods guaranteed to be in perfect working order, just as represented in every particular. Should there be any not satisfactory they may be returned at our expense.

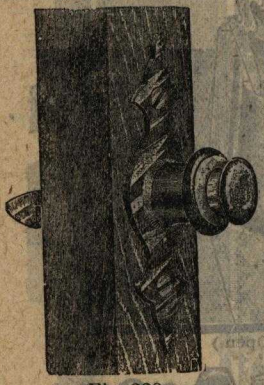


Fig. 220.

Fancy Escutcheon Door Catch

Represents a fancy Escutcheon Hook Catch, adapted to all kinds of cabinet ware cupboards, and other purposes.

Lot No.	Material.	Finish.	Price each.	Per doz.
186	Iron	Oxidize	$0.10	$1.00
183	Iron	Bronze	.12	1.25
181	Solid brass	Brass	.20	2.00

Prices like these ought to get your orders.

Cupboard or Door Catches



This cut represents the knob on door detached from adjustable hook under shelf, showing dotted line of lever inside of door.

The hook and lever is made of iron, coppered.

Stock and Finishes

Lot No.	Description.	Price each.	Per doz.
124	Plain, round coppered finish	10c	$1.00
125	Plain, round, oxidized	10c	1.00
122	Plain, round, nickel plated	10c	1.00
121	Solid real bronze plain, round	15c	1.50
120	Solid real brass plain, round	15c	1.50
105	Solid real brass, fancy round	15c	1.50

Round Door Bolt Catch

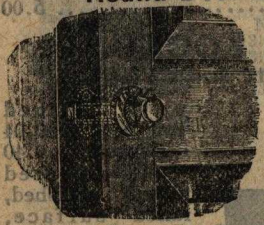


Fig. 4.

This figure represents the knob on door detached from the keeper on jamb, showing dotted lines of bolt case inside of door, which is operated by hand, as shown in Fig. 3.

Lot No.	Material.	Finish	Price each.	Per doz.
101	Iron	Japan	12c	$1.25
116	Iron	Nickel	12c	1.25
114	Iron	Bronze	12c	1.25
110	Real Bronze	Plain	18c	1.75
111	Real Brass	Plain	18c	1.75
115	Real Brass	Oxidized	18c	1.75

Fancy Escutcheon Door Bolts with Lock

Like Fig. 221, but in addition has a locking attachment as shown in this cut.



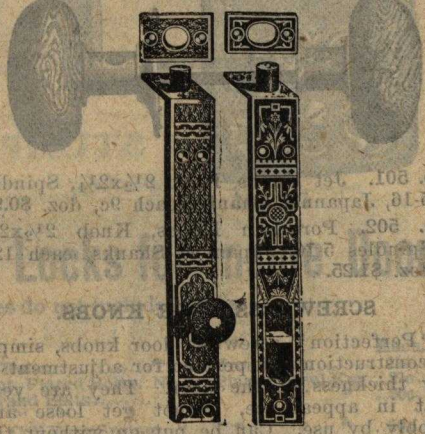
Adjustable to fit any door. All real bronze metal with bolts. Solid all bronze metal knobs. Lever of iron, coppered; balance of catch and lock and trimmings of all bronze metal. Keys nickel plated.

HERE IS A BARGAIN

Note our Prices

Each	$0.20
Per dozen	2.00

Flush Bolts

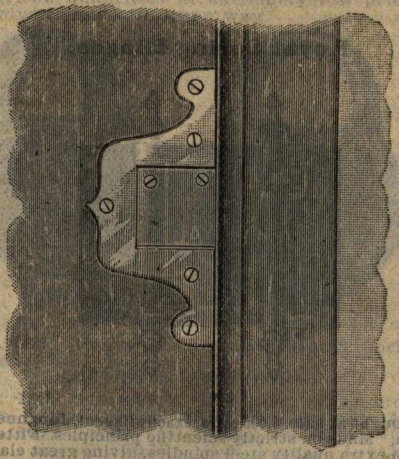


No. 56. Ornamental, Persian bronzed iron, flush bolts, with knobs or sunk thumb pieces.

Size, inches.	Price, each
6	$0.10
10	.15
12	.20
15	.35
18	.40
24	.50

THESE GOODS ARE BRAND NEW AND UP TO DATE

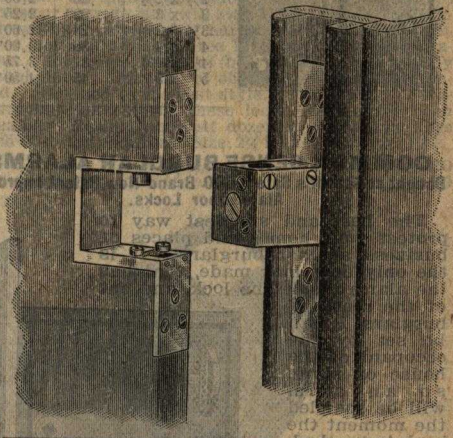
THE EASY DOUBLE ACTING SPRING HINGE.



We purchased from the manufacturers 3000 pair of these new, improved, and thoroughly practical double acting spring hinges.

It is the only practical hinge for public or private buildings, or wherever double-acting doors are used. Built upon scientific principles, a simple, neat and strong hinge, which the cut herewith illustrates, fitted to any swing door and provides a simple and efficient construction which permits the door being readily hung and taken down. This of itself is a great feature, as one man can handle and fit the door.

The hinge is readily detached and each part put on separately and then coupled together. Tension of the spring adjusted by the screw in the end of the center plate, governing the swing of the door and relieving the screws from all strain.



NO SWINGING BACK AND FORTH OF THE DOORS.

The peculiar construction of this hinge is such that it equalizes the pressure at all points, permitting the door to return to its initial point slow and easy, which is a radical departure from any hinge ever constructed. After once adjusting, the door is always in line. No unsightly springs appearing. The parts all concealed. No sagging of the door, whether spring is tight or loose, as the hinge always swings upon a fixed pintle.

While we have enumerated

POINTS OF MERIT

in our hinge, it must be seen and used to be appreciated.

Full directions for applying hinges furnished with each order.

We have them in two styles. Iron Japanned and Iron Bronze Plated.

Price Per Pair, Hinges.			Prices Per Pair for Blanks		
⅞	$0.20	$0.25	⅞	$0.15	$0.15
1⅛	.25	.30	1⅛	.20	.20
1⅜	.35	.40	1⅜	.20	.25
1¾	.45	.55	1¾	.30	.35
2	.55	.60	2	.35	.35
2¼	.85	1.10	2¼	.55	.70
2½	1.00	1.25	1½	.60	.75

Elongated Fancy Escutcheon Bolt, with Locking Attachment.



Represents an elongated Fancy Escutcheon Bolt Catch with lock and key. They are intended for use on fine or fancy cabinet ware and cupboards. Adjustable to fit any door. All real bronze metal with bolts. Solid all bronze metal knobs. Lever of iron, copp.ered; balance of catch and lock and trimmings of all bronze metal. Keys nickel plated.

Lot No. 234. Nickel Finish. Each..$0.30

Lot No. 230. Bronze Finish. Doz.....$3.00

SEND US YOUR LUMBER BILL FOR OUR ESTIMATE.

PIN BUTTS AND SPRING HINGES.

Wrought Steel, Loose Pin Butts.

Ball Tips, New.

No. 500 Bronze Plated. Price, with screws.



Size.	Per Pair.	Per Doz. Pair.
2 x 2	$0.18	$1.80
2½ x 2½	.20	2.00
3 x 3	.22	2.25
3½ x 3½	.26	2.60
4 x 4	.30	3.00
4½ x 4½	.37	3.75
5 x 5	.45	4.50

COMMON SENSE BURGLAR ALARMS

Bought at Sheriff's Sale 5,600 Brand New Patent Improved Alarm Door Locks.

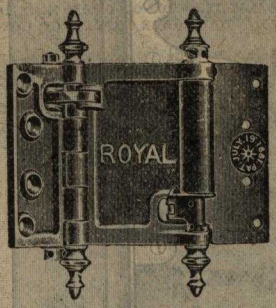
The best and simplest way to protect your homes and places of business against burglary. It is the only door lock made, that has the alarm inside the lock, and out of the reach of burglars. It can be set by the occupant of the house or store, so an alarm will be sounded the moment the knob is touched, and will continue to ring as long as the hand is on the knob—or it can be set so it will ring the moment the knob is turned, and will ring continuously, and cannot be stopped except by the occupant of the house or store. The alarm can be disconnected at any time, so door can be used and no alarm sounded. It is put on the same as any lock, requires no special or patent knobs or spindles, and it therefore keeps the burglar in total ignorance of its presence on the door. **When the alarm is set, it is impossible to turn the knob without sounding the alarm.** We have them in two styles.



M 88

This is **a solid brass front** mortise knob door lock; japanned case 3¼x6½ inches and ⅞ inches thick. Brass front, 1¼x8½ inches. Made reversible by removing the cap. Solid brass latch bolt and solid brass lock bolt. Nickel steel setting key. Hub for 5/16 inch spindle. Each lock packed in a separate box with screws. Solid brass strike and escutcheon. Brass winding key and two nickel plated steel keys. **No finer lock made.**

Royal Spring Hinges.

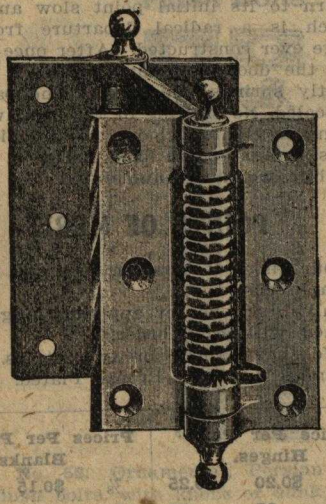


Bought at sale, **4,000 pairs, exactly like cut,** Japanned iron. Made on strictly scientific principles. Fitted with extra quality steel spindles, giving great elasticity. The heaviest door may be opened to its fullest extent without any exertion. Doors cannot sag with this hinge.

COMPARE OUR PRICES WITH OTHERS.

Length of flange, inches	8	10
Width of flange, inches	2½	3¼
Weight, per pair, pounds	20	35
For doors, inches	1¾ to 2	2¼ to 2½
Price, per pair	$0.30	$0.40
Price, per dozen pairs	3.00	4.00

Double Acting Spring Hinges.



Stearn's brand new double acting Spring Hinges. Extra strong and durable. The most simple and effective article of the kind on the market.

Comes 1 dozen pair original boxes in two sizes.

Lot No. 40.	Size 3¾x1¼ inches, per pair	$0.15
	Per dozen pair	1.50
Lot No. 41.	Size 3¼x1 inch, per pair	.14
	Per dozen pair	1.25

We are constantly buying at Sheriff's Sale large jobs of Hardware.

A DEAL IN PADLOCKS.

The following Padlocks are absolutely guaranteed in every way. They were purchased in carload quantities at extremely low prices. Fully warranted in every way.



No. 303.



No. 196.

No. 303. Heavy brass plated, square spring shackles, self locking.
Price ....each, **$0.08** Per dozen ..... .85

No. 196. Enameled steel case, three brass levers. Price ..each, **$0.15** Per dozen .. 1.35

No. 197. Brass plated and shackle.
Price ....each, **$0.18** Per dozen 1.75



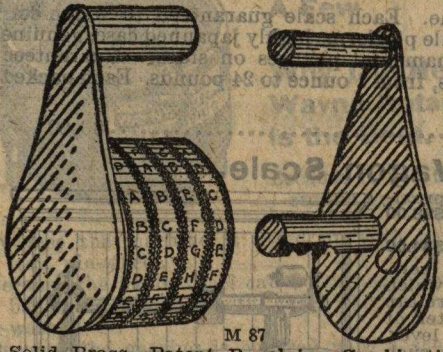
No. 89.



No. 88.

No. 89. Solid gun bronze metal, spring shackle, self locking. Two flat steel keys.
Price ....each, **$0.25** Per dozen 2.40

No. 88. Full nickel plated on steel, and very heavy—weighing 6 lbs. to the dozen—spring shackle, self locking, brass cylinder key guides. Two flat steel keys. Highly polished. Price .. each, **$0.13** Per dozen ... 1.25



M 87

Solid Brass—Patent Revolving Combination Padlock. No keys required—works the same as the lock on a safe or vault door. Combination can be easily changed, and is susceptible of 500 or more different changes. Only those knowing the combination can open this lock. It is substantially made, and is practically indestructible.
Price, each **$0.75**
Price per doz..... **$7.50**



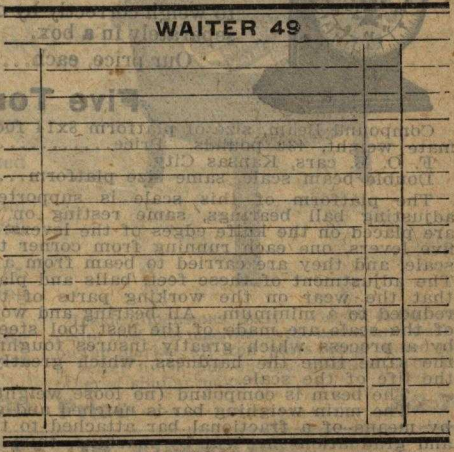
No. 80. We fully guarantee these six-lever padlocks, as accompanying illustration, to be equal to the best similar goods ever made, in every respect; in construction, workmanship and finish. They are brass finished. Springs of phosphor bronze, guaranteed not to rust or corrode, and will stand any climate. All inside works constructed of hard metal, and are full six-lever, not one, two or three lever as are some imitations. Keys are made of best rolled steel, heavily nickel plated. Number of changes practically unlimited. Finished in the best style. For security, durability and convenience, these locks have never been equaled. Packed one-half dozen in a box, two keys each with six changes. Size, 2¼ inches.
Price.....each, **$0.20**
Per dozen.....**2.00**



No. 200. Iron tumbler padlocks.
Price.....each, **$0.05**
Per dozen.....**0.55**

WAITER CHECKS

We have 100,000 waiter checks, same as illustration, printed on tough manilla paper, neatly bound in tabs of 50 and numbered consecutively. Printed for the Louisiana Exposition. At a great bargain.
Per 1,000.....**$0.40**
Lots of 10,000 or more..... **0.30**

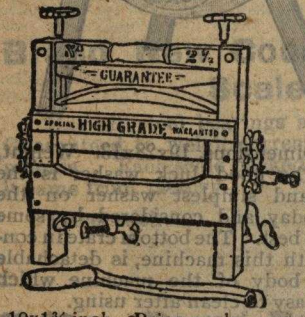


CLOTHES WRINGERS.



Lot No. 91. Bought at receiver's sale a lot of brand new "Superior" and "Daisy" wringers; have galvanized iron frames, with adjustable steel springs, permitting clothes of any thickness to pass through the rollers; solid hard white rubber rolls, 10x1¾ inches, immovably vulcanized to the shaft; have malleable iron cranks that will not break and an apron clothes guide which carries the clothes over the edge of the tub. These wringers are furnished with combination clamps, for wooden, galvanized, iron or fibre tubs—will open 1½ inches.

Price each.....**$1.50**



Lot No. 93.

Rolls of extra quality and selected material throughout, malleable iron swing clamps, folding clothes guide; the easiest working wringer made; purchase gear needs no oiling; has heavy steel pressure spring; we have it in two-size rollers.

10x1¾ inch. Price each.....**$1.75**
11x1¾ inch. Price each..... **2.00**

Lot No. 92. Genuine "Ideal" wringers, acknowledged everywhere to be the best wringer on the market; so constructed as to be practically unbreakable; pure solid white rubber rolls, not made to get out of order. Note our prices:



10x1¾ inch. Price each **$2.00**
11x1¾ inch. Price each..... **2.50**

KETTLES.



We have on hand 250 cast iron sugar or wash kettles with bales. They are nicely painted. Have three legs. Capacity about eight gallons.

Diameter.....16 inches
Inside depth.....11 inches

Weight about 65 pounds.

Price each.....**$1.25**

THE GEM CLOTHES OR LAUNDRY FORK.



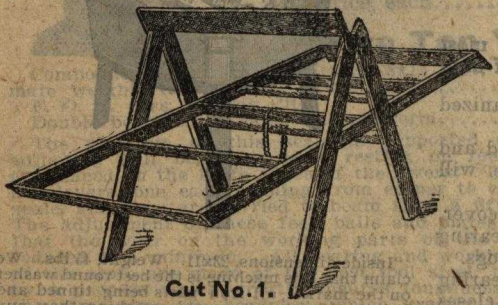
We bought 10,000 of them from a manufacturer who was discontinuing business. They are as handy an article as there is on the market. The invention will be appreciated by every lady in the land.

Its use is to lift boiling clothes out of the boiler. The illustration requires no further explanation. Try one and you will not do without it.

The fork end is made of galvanized iron, and will not rust the clothes; the handle is hardwood, and set firmly into the fork end.

Price each.....**$0.06**
Per dozen **0.60**
Per gross **6.00**

COMBINATION STEP LADDER AND WASH TUB STAND.



Cut No. 1.

We bought at a sale two car loads of these improved wash tub stands. They are indispensable in every household.

They are made of hard wood, strongly built and will last a lifetime. Cut No. 1 shows the wash tub stand ready for use. To use the step ladder all that is necessary to do is set it up as an ordinary step ladder, and by pulling the foot out or spreading it and this held in its proper spread by the safety chain.

To use as a tub rack or stand put the hand under the second step from the top, raise the slide. Put in the slide out of the crutch casting and drop the steps down until it is held by the automatic step catch, when it is in a position to put the tubs on, one on each side, and the centre piece is made for the wringer holder.

To close up pull out the spring catch and fold up

It can also be used as a display stand in retail stores for baskets, boxes, etc.
As a step ladder it is 45 inches high. When used as a wash tub stand it is 24 in. wide by 48 in. high.

Price each.....**95c**

Our Prices Seldom Represent Original Cost of Production.

MIXED LOCKS.

Item J 22. 1,500 dozen assorted mixed locks, all kinds. We secured these locks in connection with our purchase of the stock of the Norwich Lock Co., of Norwich, Ct., who recently discontinued business. They are good locks, but we cannot give you any particular kind. They are mostly mortise, and nearly all have brass fronts. We furnish them complete with strike and escutcheon.
Price with keys fitted, per doz., ass'd. **$2.00**
Price per doz., no keys fitted, asst'd.. **1.50**

STORE DOOR HANDLES.

Item J 23. In the same lot of locks from the Norwich Lock Co. we secured 100 dozen store door handles that were used in connection with the store door sets that they manufactured. We offer them assorted, all kinds, Persian bronze, fancy design with plates, at
Per pair **$0.15**
Price per dozen pairs..... **1.50**

DUMP ELEVATORS.

No. D. C. H. 113. 2 dump elevators, size of gauge, about 20 in. square by about 5 ft. long. Price each, complete. For further particulars write us.
Price, each .....about **$12.50**

TICKET BOXES.

No. D. C. H. 114. 110 ticket receiving boxes, made of heavy, galvanized iron, size 8 in. x 8 in. x 8 in. Has door on top, bearing strap hinges, to open and close. Also one lock hinge, with staple to fasten, whereon a padlock can be used to lock same. They have a slot opening on cover for tickets to be dropped into. These were used at the St. Louis Exposition.
Price, each **$0.40**

No. D. C. H. 115. 200 galvanized iron ticket boxes, 36 in. high, 6½ in. wide, 7½ in. deep, fitted with hasp and staple for lock. Handle on one side, with ticket chute on top, 4 in. long, 5 in. deep, 7 in. wide. Narrowed to ⅜ in. at the bottom. They are very heavily constructed, having been used at the World's Fair at St. Louis. The cover where the tickets are received bears hinges and can be opened and closed. Just the thing for County Fairs or places where tickets are collected.
Price each **$0.75**

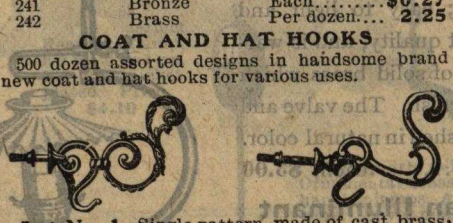
ELONGATED FANCY ESCUTCHEON CATCH, WITH LOCKING ATTACHMENT

Same as No. 230, *but has hook instead of bolt.* Real bronze.

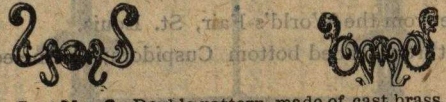
Lot No.	Finish		
241	Bronze	Each.....	**$0.27**
242	Brass	Per dozen....	**2.25**

COAT AND HAT HOOKS

500 dozen assorted designs in handsome brand new coat and hat hooks for various uses.

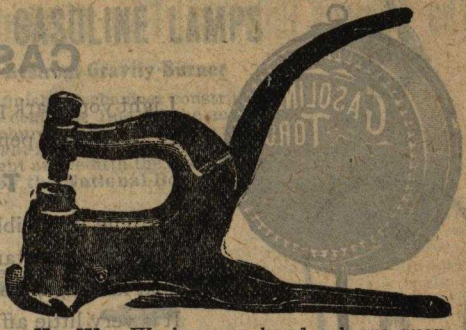


Lot No. 1—Single pattern, made of cast brass, finished in brass, bronze, oxydize and copper, put up 1 doz. of a kind in a package, complete with nuts.
Price each.....**7c** Per dozen.....**75c**



Lot No. 2—Double pattern, made of cast brass, finished in brass, bronze, copper and oxydize. Put up 1 doz. of a kind in a package, complete with nuts.
Price each.....**10c** Per dozen....**$1.00**

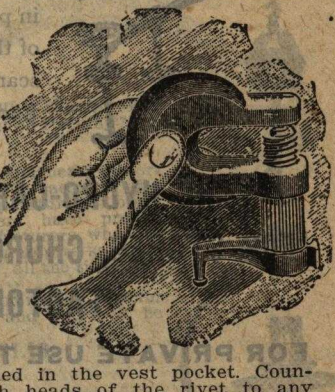
HANDY RIVETERS.



No. N1. We have on hand a large quantity of these brand new Handy Riveters for use of farmers, liverymen, teamsters, etc., etc., in fact for any one desiring an article of merit, convenience and economy. It uses hollow tubular rivets. Weight, 3 pounds.
Price, each **$0.28**
Per dozen **2.75**

THE "STANDARD" HARNESS RIVETER

Revolutionized, Simplified and Perfected.



No. N2. The Riveter will last a lifetime. Small and convenient. Does perfect large riveter could not. It work. It weighs but a few ounces and measures about 2 x 2 inches. Being small and convenient, it can be used in many nooks and corners where a can be carried in the vest pocket. Countersinks both heads of the rivet to any depth desired. The screw principle being used gives it great force and power, clinching the rivet just right every time. It never sets the rivet any way but the right way. It is so constructed that it cannot break. You have a **complete repair outfit always on hand.**

It is used mainly in repairing harness, making halters, loops, fastening on buckles, repairing belting and fastening the straps to the webs of the self-binders. There are many other uses to which it can be put where it comes in very handy. In fact, it will mend anything where a well clinched rivet will serve the purpose. Especially designed for heavy farm work. Can be used in any position. Best of material used in its construction. No punch, no lever, no hammer is needed, as the riveter punches the holes, drives and clinches the rivet at one operation. It is a perfect hand riveter.
Price, each **$0.20**
Per dozen **2.00**

RIVETS.

For Use with Riveting Machine Shown on This Page.

Item J 25. Coppered, tubular rivets, put up 50 in a box, 4-16 to 8-16 in. size.
Price per single box..... **$0.06**
Price per dozen boxes ..... **.60**



GASOLINE TORCHES

Light your dark places well. A poor light is an aggravation and expense. A good light is a joy and profit.

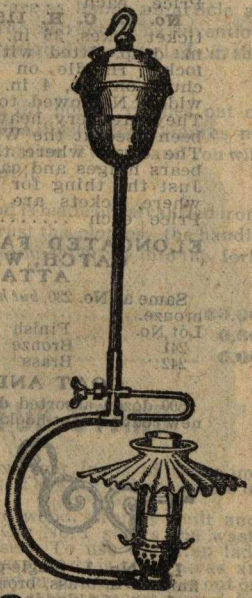
THE INVINCIBLE TORCH

The Invincible Wall Torch is the best and simplest Torch made and for street stands, street and building work, tents, camps, steam boat landings, freight sheds, shops and warehouses it is unequaled. It is very little affected by dust, snow or rain, and cannot be blown out by wind. The one gallon tank is strongly made and braced and can be removed if desired. A solid bronze ring is provided to hang it up, and the feed pipe connection is also bronze. The burner is simple, durable and powerful, and like all our burners, is well known to the trade. A bronze check or shut-off valve adds to its safety in case of accident or carelessness. These torches are rapidly gaining in popularity, and their use is being continually extended on account of the effective work done. Our torches give a bright, clear, flame scarcely inferior to an arc light in capacity.

Each.....$0.88

THE HYDRO-CARBON VAPOR LAMP FOR STORES, CHURCHES, HALLS, HOTELS, FACTORIES, ETC.

FOR PRIVATE USE THEY HAVE NO EQUAL



A brilliant, pure white light of 100-candle power at a cost of only one cent for nine-hour light. Ten times cheaper than kerosene oil. Low in price, high in candle power. Perfectly safe. Indorsed by insurance companies. Simple in construction; easy to light and easy to sell. It is finished in bronze of the best quality, and is warranted to hold its color. The founts are made of solid brass which is highly polished and lacquered and will not tarnish. The valve and burner castings are made of the best brass, finished in natural color.

Price, complete.....each, $3.00

These Lamps Burn Gasoline as an Illuminant



CUSPIDORS

They came from the World's Fair, St. Louis.

No. 593. 1,000 cast iron, loaded bottom Cuspidors; enameled inside, painted outside.

Each.....$0.20

Per dozen.....2.00

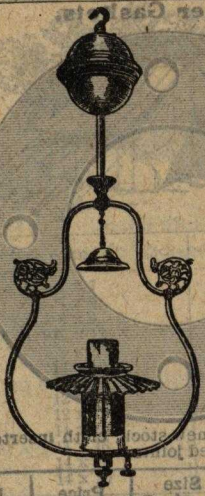
If you need Gas or Electric Light Fixtures, write for our prices

THE BYSTROM GASOLINE LAMPS

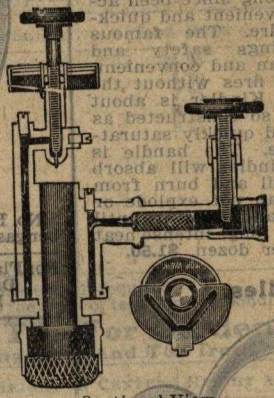
With the Improved Bystrom Gravity Burner

Are unequaled for design, finish, mechanical construction and operation. The most complete line on the market. For use in homes, stores, churches, halls, factories and all places where a superior light is required at a small cost.

Gives three times the light at one-fifth the cost of a kerosene lamp. **Permitted by the National Board of Fire Insurance Underwriters.**



No. 2. Fancy Brass Harp Lamp. Price, **$4.75**



Sectional View.

A—Wire Gauze. AA—Inside Wire Gauze. B—Needle Valve. C—Cut-off. BB—Cut-off Packing Nut. E—Generating Cup.



No. 1. Brass Harp Lamp. Price **$4.00**

The **BYSTROM BURNER** is constructed on correct principles, and is one on which you can rely We are furnishing a great many to equip fixtures of other manufacturers where their burners have proven worthless. We are the only manufacturers who are willing to do this and guarantee them to give satisfaction. It works, and works perfectly, all the time. No uncertainty.

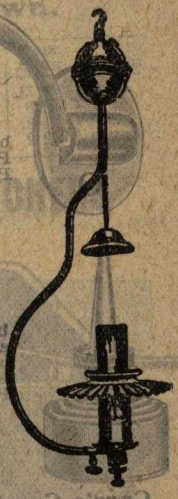
If you have a lamp not giving good results, send for a Bystrom Burner, with gallery, and you will be pleased.

Burner and Gallery, $1.10



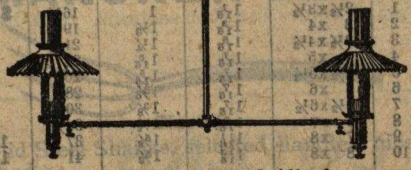
No. 85. The perfect Reading Lamp, new design. Triple nickel-plated. Price **$4.10**



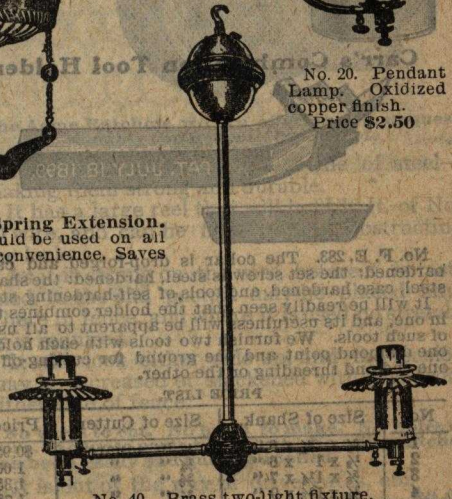


No. 20. Pendant Lamp. Oxidized copper finish. Price **$2.50**

Automatic 6-Foot Spring Extension. Ornamental brass. Should be used on all hanging lamps. A great convenience. Saves time. Saves mantles.



No. 30. Two-light fixture. Oxidized copper finish. Price **$4.75**



No. 40. Brass two-light fixture. Price **$5.00**

Ask for Our List of Second Hand Gas Fixtures.

The Famous Universal Fire Kindler



The cheapness of coal oil and its universal use in every household has long since been acknowledged as the most convenient and quickest means of starting a fire. The famous Universal Fire Kindler brings safety and economy to the home, is clean and convenient, to start either coal or wood fires without the aid of other kindling. The Kindler is about twelve inches in length, is so constructed as to be very porous, easily and quickly saturated and indestructible by fire. The handle is made of steel wire. The Kindler will absorb from one to two ounces of oil and burn from ten to fifteen minutes. It can not explode or get out of order. Light it and hold it until it burns out and see what a long, intense heat it makes. Price 15 cents. Per dozen. $1.50.

Lifting Handles.



No. F. E. 281.
Brand new, cast brass, 4 inches long.
Per pair..... $0.25
Per doz. pair.... 2.50

Oil Cup.



No. F. E 282. Brand new, zinc body, brass bottom, 1¼ inch diameter, 1¼ inch spout, 2⅝ inches long over all.
Each..... $0.10
Per doz..... 1.00

Carr's Combination Tool Holder.

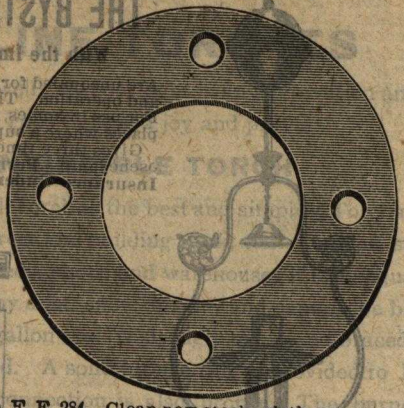


No. F. E. 283. The collar is drop-forged and case-hardened; the set screw is steel, hardened: the shank, steel, case hardened, and tools of self-hardening steel. It will be readily seen that the holder combines two in one, and its usefulness will be apparent to all users of such tools. We furnish two tools with each holder, one diamond point and one ground for cutting-off on one end and threading on the other.

PRICE LIST.

No.	Size of Shank.	Size of Cutter.	Price.
1	⅜ x ¾ x 6 in.	¼ in. square.	$0.95
2	½ x 1 x 6 "	¼ " "	1.00
3	⅝ x 1¼ x 7 "	⅜ " "	1.35
4	¾ x 1⅜ x 9 "	⅜ " "	1.75

Rubber Gaskets.



No. F. E. 284. Clean new stock, cloth inserted, rubber gaskets. For flanged joints.

For Flanges Outside Diameter. Inches.	Size of Hole.	Price Each	Price Per Dozen.
5¼	2	5c	$0 50
6¾	3	10c	1.00
6⅝	3½	12c	1.25
8	4	20c	2 00
8⅞	4½	25c	2 50

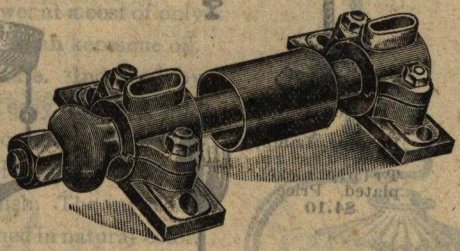
GASKETS.

Rubber Gasket, inside 14x10 inches, outside 16½x13½ inches, ¼ inch thick, each..... 25c

Rubber Gasket, inside 8x6 inches, outside 10⅝x8½ inches, ¼ inch thick, each..... 10c

CIRCULAR SAW MANDRELS.

No. F. E. 286. Always on hand. Can furnish with pulley on end, or in center.



Size	Size Pul y	Size Shaft	Hole in Saw, ins.	Length Shaft	Price
1	2½x3½	1 1/16	1	16½	$ 4.50
2	3 x4	1 3/16	1⅛	19	5 00
3	3½x4½	1 3/16	1¼	21½	5 40
4	4 x5	1 7/16	1⅜	24	6.00
5	4½x5½	1 7/16	1 7/16	26	6.50
6	5 x6	1 7/16	1⅜	28	7.00
7	5½x6½	1 7/16	1⅜	30½	8.00
8	6 x7	1 9/16	1½	33½	9 75
9	7 x8	1 11/16	1⅝	37	12.00
10	8 x8	1 13/16	1⅝	41	14.00

ALL OF THIS MATERIAL IS IN FIRST CLASS CONDITION.



Extra Grade Wall Tents

No. 0000. We bought the entire stock of a tent manufacturer who was forced out of business. They are made of extra heavy duck and are well stitched with double twisted thread.

They are furnished complete with poles, ropes and stakes. No flies. And 5 per cent for each additional 6 inches of wall required. Flies complete, but without fly poles, half the price of tents of corresponding size.

SIZE.	HEIGHT OF WALL	8-OZ. DUCK	10-OZ. DUCK
7 x 7	3 feet	$5.20	$6.00
7 x 9	3 feet	6.50	7.25
9 x 9	3 feet	7.25	8.45
9½ x 12	3 feet	8.45	9.75
9½ x 14	3 feet	9.75	11.25
12 x 12	3½ feet		11.75
12 x 14	3½ feet		13.75
12 x 16	3½ feet		15.00
12 x 18	3½ feet		16.25
14 x 14	4 feet		16.00
14 x 16	4 feet		17.75
14 x 18	4 feet		19.50
14 x 20	4 feet		21.50

Add 5 per cent for each additional 6 inches of wall required.
Flies, complete, but without poles, half the price of tent of corresponding size.

PALMETTO TENTS—For Garden and Lawn.

Including Poles and Top Iron.

SIZE OF BASE.	SIZE OF TOP	HEIGHT IN CENTER	HEIGHT AT SIDE	8-OZ. DRILL	8-OZ. DUCK	STRIPE
7 x 7	2 feet, 4 inches	7 feet, 6 inches	6 feet	$5.00	$5.75	$7.25
8 x 8	2 feet, 4 inches	8 feet	6 feet, 6 inches	5.75	6.50	8.45
9 x 9	3 feet, 6 inches	8 feet, 6 inches	7 feet	7.00	8.45	10.50
10 x 10	3 feet, 6 inches	9 feet	7 feet, 6 inches	7.85	9.25	11.75

DEADENING FELT

We have 5,000 pounds of deadening felt in miscellaneous sized pieces. It was never used, but its appearance somewhat reduces its value, as occasionally it may have a hole or two. It is about ¼ inch thick; pieces range as large as 6x10 feet and so on. Price per lb.....$0.06

DAMAGED WOOD SCREWS

Order No. 801

We have 15 barrels of assorted burnt wood screws, mixed all kinds, will sell just as they come assorted. Per lb. any quantity..$0.05 In 25 lb. lots....$1.00

HAY FORKS



No. 33.

Solid Steel Shanks, selected handles, nicely finished.

	Each.	Per doz.
No. of Tines..... 3	$0.30	$3.00
" " " 4	.35	3.50

MANURE FORKS

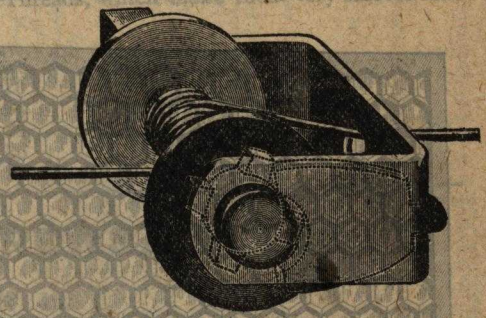


No. 34.

Solid Steel Shanks, selected handles, nicely finished.

	Each.	Per doz.
No. of Tines..... 4	$0.45	$4.50

WIRE STRETCHERS



The Acme Ratchets we are offering are unquestionably the Best on the Market.

The frame and lock are made of steel—making them strong and durable.

It has a large reel that will hold 10 ft. of No. 10 wire, and can be filled without obstructing the lock.

As it is strung on the wire before it is fastened to the end post, it may be placed anywhere in fence, and where it is used no stretcher is required.

It will lock either side up, and the tension may be increased or slackened with ease from either side of fence.

No wires to cut. No loops to make. No holes to bore. No loose parts to get lost. No other ratchet can be so easily and quickly applied.

It is out of the way of drive gates, etc.

Price, each.....$0.05
Per hundred..... 4.50

Send us your lumber bill for our estimate

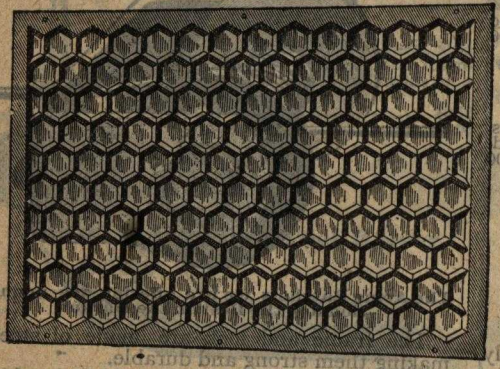
STRAIGHT LINK IRON CHAIN



Always on hand a considerable stock of various sizes in straight link chain. We ship only good chain that is carefully inspected. In ordering state first and second choice. Although second hand it is thoroughly practical for further service.

Size—Inches	Approximate Weight per 100 foot	Price per 100 ft.	Size—Inches	Approximate Weight per 100 foot.	Price per 100 ft.
3/16	50	$ 2.40	1 1/16	1100	$26.00
1/4	75	2.50	1 1/8	1300	31.00
5/16	110	3.45	1 3/16	1400	34.00
3/8	155	4.75	1 1/4	1500	36.00
7/16	200	5.75	1 5/16	1750	
1/2	265	8.00	1 3/8	1900	
5/8	420	11.25	1 7/16	2000	Prices on Application.
3/4	590	12.50	1 1/2	2100	
7/8	800	19.50	1 5/8	2670	
1	1000	21.75	1 3/4	3100	

SIDEWALK OR ILLUMINATING TILE



We usually have on hand any number of pieces in bull's eye and hexagon shaped glass. It is used for sidewalk, roofing and other purposes. It is made of cast iron, and although second hand is in first-class condition and practical for further use.

Send us the size required, and we will advise you how near we can come to fill your order.

WOOD PIPE

100,000 feet of wood pipe 4½-inch x 4½-inch, square; comes in 6-foot sections. Can be used for many purposes, such as conduits, irrigation, etc. Price, 3¼c.

MANHOLE COVERS

Two hundred cast iron covers used on valve boxes; size of frame 25x25, size ot cover 20x20; fitted with wrought iron ring. Price on application.



Jack-Screws.

We carry a complete stock of brand new jack-screws. In addition we often have on hand second-hand jacks of all kinds. Write for prices on anything not listed.

Our brand new jack-screws, as listed below, are made with a cast iron stand. The screw is made of wrought iron, with a deep cut thread.

Diam. of Screw, Inches.	Height of Stand, Inches.	Height over all, Inches.	Lifting Capacity, Tons.	Price, each.
1½	8	12	12	$0 90
1½	10	14	12	1 15
1½	12	16	12	1 25
1¾	10	14	16	1 38
1¾	12	16	16	1 50
1¾	14	18	16	1 60
2	8	12½	20	1 45
2	10	14½	20	1 60
2	12	16½	20	1 80
2	16	20½	20	2 20
2¼	10	15	24	2 00
2½	12	18	28	2 50
3	20	26	26	5 25

HOUSE RAISING JACKS.

CAST IRON.—BRAND NEW.



These Screws are cast with Seamless Threads, which make them very smooth and uniform.

Diam. of Screw. Inches.	Height Over All, Inches.	Price, Each.
3	20	$1 40
3	22	1 55
3	24	1 65
3	26	1 80
3	28	1 90

JACK-SCREWS.

A BARGAIN LIST.

We have just purchased the following extra fine quality Jack-screws. They were used a short time. We have repaired them, wherever necessary, and guarantee them in absolutely perfect condition.

Item No.	Quantity.	Diam. of Screw. Inch.	Hgt. of Stand. Inch.	Hgt. Over All. Inch.	Lifting Capacity. Tons.	Price, Each.
1	50	2½	20	24	28	$2.00
2	20	2½	24	28	28	2.50
3	15	3	20	25	36	2.50
4	25	2½	20		28	1.50

This lot is without top caps.

SECOND HAND TRENCH BRACES.

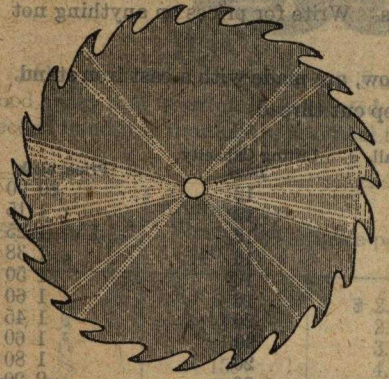
With 1⅜ inch screw, 1½ inch pipe.

16 inches long when closed. Price, each..... $1.00
18 " " " " " 1.15

WE CAN FURNISH EVERYTHING IN THIS LINE.

Circular Saws.

We handle a complete line of the finest quality steel circular saws—absolutely warranted in every way. They are the celebrated "Emerson Saw," and when we say this you will readily understand that these goods are the best quality on the market, and are absolutely free from all defects, and that for the heaviest



and hardest work, where from 50,000 to 100,000 feet are sawed every ten hours, and in the hardest yellow pine.

Cash in full must be sent with orders for special saws.

Net Price List of Brand New, Solid Tooth, Circular Saws.

Diameter, inches.	Thickness, gauge.	Size of hole, inches.	Price, each	Extra for each additional gauge (heavier).	Price for beveling saws, per gauge.	Extra for setting and sharpening, if rip saw.	Extra for setting and sharpening, if cross-cut saw.
4	19	¾	$0.45	$0.02	$0.07	$0.13	$0.18
5	19	¾	.55	.02	.08	.14	.20
6	18	¾	.65	.03	.09	.15	.23
7	18	¾	.80	.03	.10	.17	.25
8	18	⅞	.90	.04	.11	.18	.28
9	17	⅞	1.15	.05	.12	.20	.30
10	16	1	1.35	.06	.14	.23	.33
11	16	1	1.55	.07	.15	.24	.35
12	15	1	1.65	.08	.18	.25	.38
14	15	1⅛	2.05	.11	.20	.30	.43
16	14	1⅛	2.45	.12	.25	.33	.50
18	13	1¼	3.15	.15	.30	.35	.53
20	13	1 5-16	3.85	.17	.35	.40	.60
22	12	1 5-16	4.50	.25	.40	.45	.65
24	11	1⅜	5.40	.28	.45	.50	.75
26	11	1⅜	6.30	.33	.50	.55	.80
28	10	1½	7.20	.40	.60	.60	.90
30	10	1½	8.10	.45	.65	.65	1.00
32	10	1⅝	9.00	.50	.70	.70	1.05
34	9	1⅝	10.00	.60	.80	.80	1.20
36	9	1⅝	11.25	.70	.85	.85	1.30
38	9	1⅝	13.00	.90	.95	.95	1.40
40	9	2	15.30	1.00	1.00	1.00	1.50
42	8	2	18.00	1.25	1.10	....	1.60
44	8	2	21.60	1.50	1.20	....	1.70
46	8	2	26.10	1.75	1.30	....	1.80
48	8	2	30.60	2.00	1.40	....	1.90
50	7	2	35.00	2.25	1.50	....	2.05
52	7	2	40.50	2.50	1.65	....	2 20
54	7	2	45.00	3.00	1.75	....	2.35
56	7	2	51.30	3.50	1.90	....	2.50
58	7	2	59.50	4.00	2.05	....	2.65
60	6	2	65.25	4.50	2.20	....	2.80
62	6	2	72.00	5.00	2.35	....	3.00
64	6	2	81.00	6.00	2.50	....	3.15
66	6	2	90.00	7.50	2.75	....	3.30

Second Hand Circular Saws.

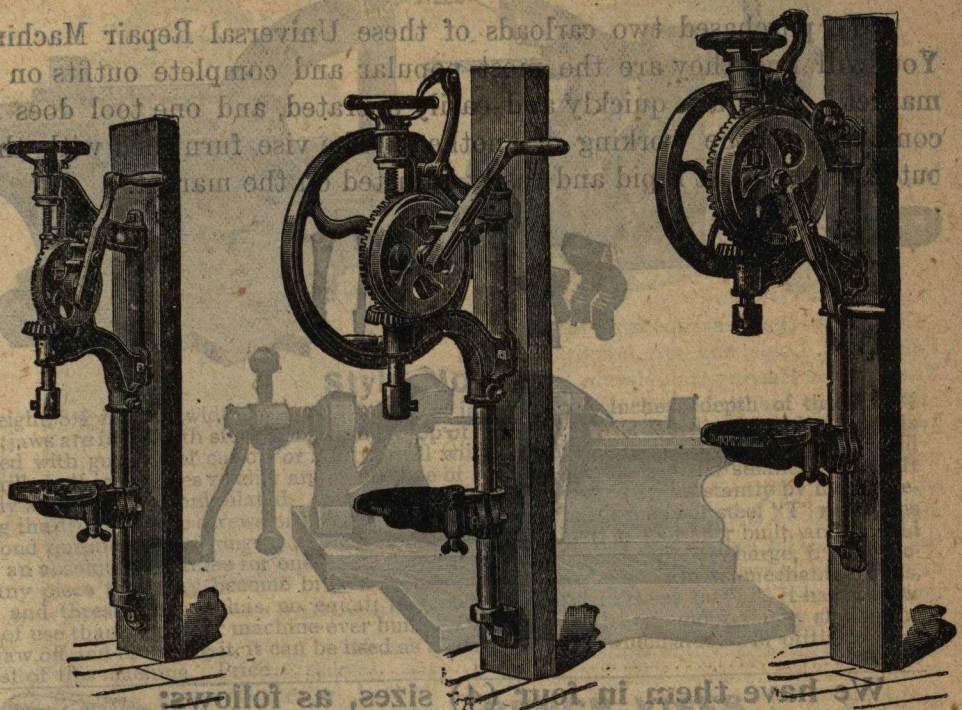


We have the following Second Hand Circular Saws in stock at this time.

Lot No.	Quantity.	Diameter, Inch.	Gauge.	Bore.	Price each.
1	8	13	9	2½	$ 1.25
2	12	16	10	4½	2.25
3	13	14	10	2½	1.70
7	6	32	12	1½	7.50
8	1	22	14	1½	3.75
12	1	26	8	2	5.25
13	1	39	10	2	10.75
14	1	48	8	2	25.00
15	1	50	7	2	31.00
16	1	48	8	2	25.00
17	1	48	8	3	25.00
24	1	4½	9	1	.30
25	1	4	7	1¼	.25
27	1	7½	10	1⅜	.65
48	30	9	13	1½	.90
49	43	9	13	1⅜	.90
53	1	5	8	1¼	.30
54	1	7	14	1⅜	.65
55	2	7	14	1⅛	.65
56	1	7	14	1¼	.65
57	1	7	15	1⅛	.65
58	1	7	7	1⅛	.65
59	1	8	7	1¼	.75
60	1	..	..	..	..
62	1	7	9	1⅜	.65
63	1	7	14	⅞	.65
64	1	7½	14	1	.65
65	3	5½	8	1¼	.35
66	1	5½	10	⅜	.35
67	1	6	9	1	.50
68	1	6	8	1⅛	.50
69	1	6	8	1⅛	.50
70	1	6	14	⅞	.50
71	1	8	8	1½	.75
72	1	8	14	1¼	.75
73	1	8	13	⅞	.75
74	1	9	14	1⅜	.90
75	1	11	12	2	1.25
76	1	9	13	1	.90
77	1	8½	6	1	.75
78	1	9	8	2	.90
79	2	9	13	1⅞	.90
81	1	9½	14	1½	.90
82	2	9½	13	1½	.90
84	1	7	14	1	.65
85	1	7	14	1⅜	.65
86	1	9½	14	1⅜	.90
87	2	9	14	1	.90
89	1	9	10	2	.90
90	1	9	15	1¼	.90
91	1	9	13	1½	.90
92	1	9	12	1⅜	.90
93	1	8½	13	1	.75
94	1	9	12	1⅜	.90
95	1	9	10	2	.90
96	1	8½	8	1¼	.75
97	1	8	8	1¼	.75
98	1	9	13	1	.90
99	1	9½	12	1½	.90
100	1	9	15	1	.90
101	1	9½	13	1⅜	.90
102	1	9	14	1⅜	.90
103	1	9	7	1¼	.90
104	1	9	13	1½	.90
105	1	9	14	1⅛	.90
106	1	9½	14	1⅜	.90
107	1	9½	15	1⅜	.90
108	1	36	6	1½	$ 5.00
109	1	43	6	2	8.00
110	1	44	10	2	9.00
111	1	45	8	2	10.00
112	1	46	8	2	12.50
113	1	46	10	3	7.50
114	1	49	8	2	16.50

Quotation f. o. b. cars Chicago, subject to prompt acceptance and prior sale.

NEW HAND POST DRILLS.



No. 1½. No. 1. No. 2.

We have on hand a large quantity of Brand New Hand Post Drills, exactly like cuts. These drills were manufactured by one of the largest and most reputable tool manufacturers in the country. They are plain and simple, yet handsomely designed and beautifully finished. They have long, heavy bearings, which are well babbited and cannot spring or get out of line, as is the case with some of the cheap drills now on the market. The automatic feeding device is new and simple, yet efficient and positive. It is located back of the spindle, and is worked by a cam on inside of main gear wheel. This cam is constructed so as to give nearly a continuous feed. By this arrangement the drill does not jam into the work, as is frequently the case in the use of hand drills. This point alone makes a great saving in drill bits. Also the nice alignment of the lower column with the spindle, and the fact that the drill table is exactly at right angles with the spindle makes the drill turn free and easy, and the result is a saving of drill bits as well. We purchased these drills at a price which enables us to put them on the market at the following ridiculously low prices:

No. 1½

Weight 74 lbs. Drills ¾-in. and to center of 12-in. circle. Spindle 1-in. steel. Upright column and feed screw are of best steel.

Price, each.....$4.85

No. 1.

Weight 96 lbs. Has extension crank and adjustable feed. Drills ¾-in. to center of 12-in circle. Spindle 1-in. steel. Upright column and feed screw are of best steel.

Price, each.....$5.80

No. 2.

Weight 114 lbs. Has extension crank and adjustable feed. Drills to 1-in. holes to center of 14½-in. circle. Upright column, drill spindle and feed screw are of best steel.

Price, each.....$6.95

BRAND NEW DRILLS.

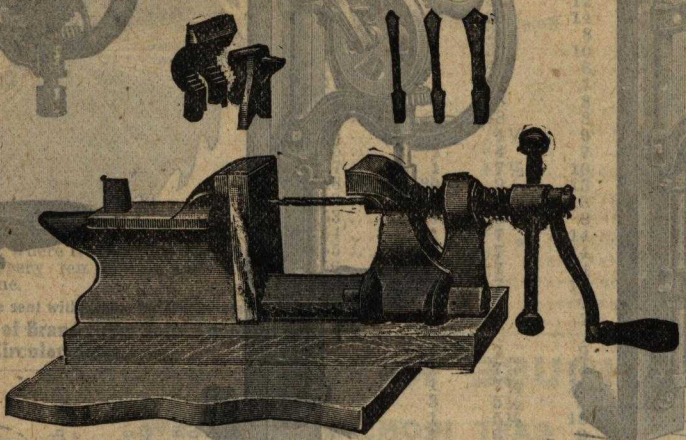
½-inch Round Shank to fit Post Drill.

We will replace free of charge any defective drill sold by us.

1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8	15/16	1
.18	.20	.24	.28	.30	.32	.35	.36	.42	.46	.50	.55	.60	.65	.72

TOOL COMBINATIONS.

We purchased two carloads of these Universal Repair Machines. You will find they are the most popular and complete outfits on the market. They are quickly and easily operated, and one tool does not conflict with the working of another. The vise furnished with these outfits is the most rapid and easily adjusted on the market.



We have them in four (4) sizes, as follows:

Size No. 1. This is the largest size and weighs approximately 50 pounds. The jaws are faced with steel and are 3½ inches wide. They will open up wide enough to take in material 6 inches in diameter. The combination consists of vise, anvil, drill, hardy and pipe clamp, one set of pipe jaws that will hold pipe for threading and cutting up to 4 inches; also one twist drill bit. Top of the anvil and horn are polished. The hardy is of tool steel. In every way it is a first-class, up-to-date outfit.
Price, complete..... **$4.50**

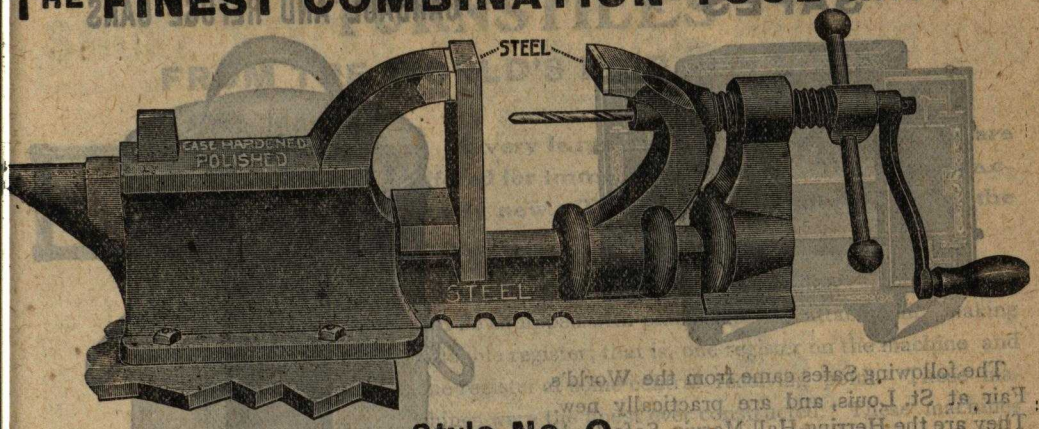
Size No. 2. Weighs 30 pounds. Has polished jaws and anvil. The jaws open 5 inches. Combination includes pipe clamp, holding pipe up to 2 inches, also one drill bit.
Price, complete..... **$3.00**

Size No. 3. Weighs 16 pounds. Polished jaws and anvil. Jaws open 5 inches. Combination includes vise, drill, hardy, and one drill bit.
Price, complete..... **$2.50**

Size No. 4. Weighs 8 pounds. Has polished jaws and anvil. Jaws open 4 inches. Set includes vise, anvil, drill, hardy and one drill bit, all neatly painted and finished.
Price, complete..... **$1.50**

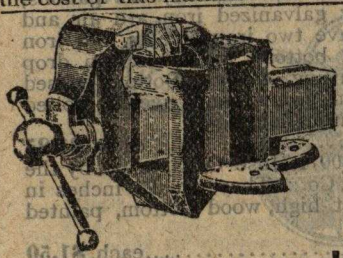
Sizes Nos. 3 and 4 are especially designed for light shop work, gunsmiths, bicycle repair shops, tin shops and general tinkering. They are the best combination tools on the market.

THE FINEST COMBINATION TOOL MADE



Style No. O

Height, 8½ inches; width of jaw, 3½ inches; jaws open, 6 inches; depth of throat, 5½ inches; jaws are faced with steel and polished; top of anvil is case hardened and polished; anvil is provided with good steel cut-off or hardy; drill will take any common sized square shank drill bits, drills half-inch holes readily and is capable of drilling both larger and smaller holes. It is easily and quickly manipulated. Can be converted from vise to drill instantly by merely removing the drill bit. No screws or bolts to take out. Draw bar is made of steel "T" rail. This is beyond question the strongest and most practical combination tool ever built, and is sold under an absolute guarantee for one year. The factory will furnish, free of charge, f. o. b, factory, any piece that may become broken from practical use. For farmers, mechanics, mills, mines and threshermen it has no equal; in fact, it is useful in every home. It has a wider range of use than any other machine ever built. Draw bar can be taken out and by sliding the loose jaw off and reversing it, it can be used as a portable drill, which alone will ofttimes save the cost of this machine. Price..... **$4.75**



BENCH VISES

From a large and modern equipped Bicycle Manufacturing Establishment. All of their bench vises. The factory went out of existence—that's why we got them. They are excellent vises—good as new.

Lot No.	Quantity.	Kind.	Weight.	Price, each
1	8	Bull-dog vise	28 pounds	$3.50
2	150	" " "	42 "	3.75
6	5	Loose jaws	30 "	3.50

UNIVERSAL VISES

4 Universal Vises for woodworkers, etc. They are patented and the best improved vise on the market. Are extra large in size. We can furnish printed matter showing description of them. We offer them subject to prior sale, each $12.00.

AXLE GREASE

We have on hand a large quantity of axle grease put up in original packages just as it came from factory. We have two grades and can safely assert that our best grade is unsurpassed by anything manufactured. We guarantee both grades.

Our "Standard" Brand axle grease, put up as follows in original packages:

12½ lb. Pails	$0.43	100 lb. ¼ Barrel	$2.75
25 " "	.80	200 " ½ "	5.25
50 " Tubs	1.60		

Our Unexcelled Brand axle grease of better quality that will outwear any grease on the market.

Per lb. Box	$0.05	50 lb. Pail	$2.05
12½ " Pail	.60	100 " ¼ Barrel	3.90
24 " "	1.10	200 " ½ "	7.05

No one can Afford to do Without one at the Price.

SAFES



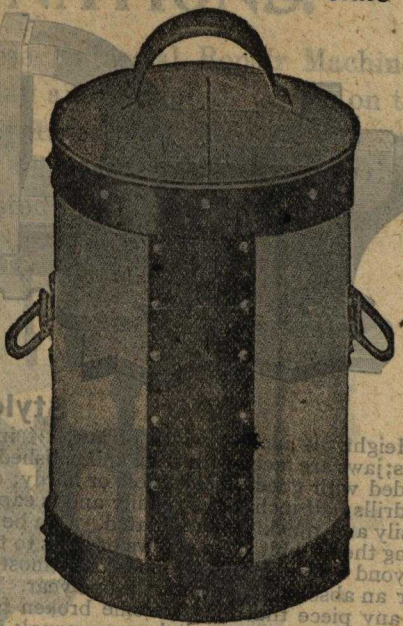
The following Safes came from the World's Fair at St. Louis, and are practically new. They are the Herring-Hall-Marvin Safe Co.'s make. They are strictly first-class Safes in every way.

No. 514. We have ten (10) Safes, style No. 36, as shown in the illustration. The body is made of No. 14 iron, paneled with ¼ inch thick bars. The angles and lap bars are ¼ inch thick. The front and door are made of ¼ inch Bessemer steel, paneled with ¼ inch thick bars, showing edges ½ inch and form the bolt frame, through which works two cross, —one up and one down bolt on each door, controlled by a four tumbler combination lock. The bolts are polished and carrying bar, lock, handles, dial and hinge ornaments are heavily plated.

The dimensions of these Safes are as follows: Outside dimensions: Height, 61 inches; width, 34 inches; depth, 33 inches. Inside dimensions: Height, 50 inches; width 32 inches; depth, 29 inches. Approximate weight, 970 lbs. Cost, $125 each.
Our price.....each, **$90.00**

No. 515. 1 No. 35 Safe. Outside dimensions: Height, 44 inches; width, 30 inches; depth, 25 inches. Inside dimensions: Height, 36 inches; width, 28 inches; depth, 23 inches; Approximate weight, 410 lbs. Cost Exposition Company $80.00.
Our price.....each, **$50.00**

GARBAGE AND REFUSE CANS



THEY CAME FROM THE WORLD'S FAIR, ST. LOUIS

No. 617. 1,000 Cans like illustration. They are 18¾x29 inches, capacity 34 gallons; made of heavy galvanized iron, are air and water tight; have two iron shields, two iron bands, top and bottom, malleable iron drop handle, tight-fitting cover. Bottom raised 1¾ inches from ground and riveted, bolted and soldered throughout.
Price.....each, **$1.25**

No. 618. 1,500 Refuse Cans, made by the Columbia Can Co. They are 24 inches in diameter, 4 feet high, wood bottom, painted inside and out.
Price.....each, **$1.50**

No. 619. 500 Galvanized Cans made by the Blank Can Co. They are 48 inches high by 30 inches diameter. Have galvanized bottoms, extra heavy well made, No. 22 iron, leak proof ½ way up, complete with handle.
Price.....each, **$2.25**

No. 620. 100 Garbage Pails, size 18x24 inches, with wood bottom.
Price.....each, **$1.25**

No. 621. 50 Galvanized Iron Ash Cans, 32 inches high, 18 inches diameter.
Price.....each, **$1.50**

25,000 BAMBOO POLES

From the Philippine Reservation at the World's Fair, St. Louis

USEFUL FOR THOUSANDS OF PURPOSES

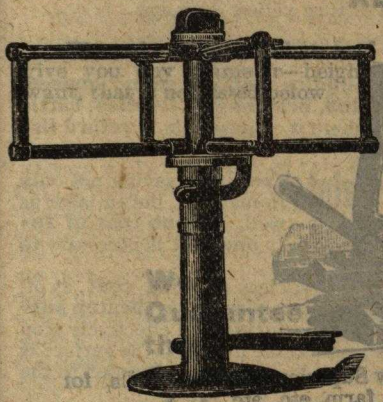
We are offering for sale all the Bamboo Poles used in the Philippine Reservation Exhibition. They range from 3 to 6 inches in diameter at the bottom. These poles are from 30 to 50 feet long. Can be used for building summer homes, verandas and porches, fence posts, boats, telegraph poles, furniture, flag poles, fancy screens, etc., etc., etc.

3 inches diameter, price.....each, 50c
4 inches diameter, price.....each, 75c
5 inches diameter, price.....each, **$1.00**
6 inches diameter, price.....each, **1.25**

100,000,000 FEET OF LUMBER FOR SALE

TURNSTILES

FROM THE WORLD'S FAIR, ST. LOUIS



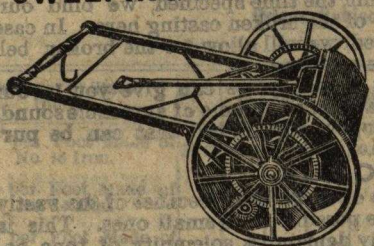
A very large number of these turnstiles are offered for immediate delivery. They are practically new. They were specially built for the Exposition.

No. 368. 150 Registering Turnstiles. Each machine can be equipped with patent electric attachment, making a double register; that is, one register on the machine and one register at some central receiving point. These machines were the finest ever constructed. These machines are automatic and non-reversible. Price on application.

No. 367. 170 H. V. bright glass top Chopper Boxes. This is a square box, made in an exceptionally substantial manner and contains a galvanized can to receive tickets, which are "chopped" as they enter, thus preventing their again being used. Price.....each, **$30.00**

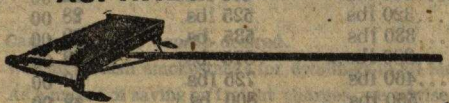
No. 367½. 60 Chopper Boxes, same as above, except with coin attachment, thereby doing away with the necessity of tickets, the person entering simply dropping a coin into the receiving place, which is registered simultaneously with the turnstile. Price.....each, **$60.00**

SWEEPING MACHINES



No. 794. These wonderful Sweepers came to us from the World's Fair, St. Louis. They are the most practical Sweepers manufactured. Were used in keeping clean the highways of the Exposition. They are named the "Peerless" and are fully deserving of the name. Useful for parks, public buildings, factories, theatres, hotels, etc. We have 30 of them. Each complete with an extra brush. Cost $50.00.
Our price.....each, **$25.00**

ASPHALT SCRAPERS



No. 610. 40 steel Asphalt Scrapers, made by the Austin Mfg. Co. for use at the World's Fair, St. Louis. Good as new.
Price.....each, **$2.00**

LAWN ROLLERS

From the World's Fair, St. Louis

No. 507. 25 Rollers, 2 sections, each section 10x20 inches, counterbalanced handles. Cost $14.00 each. Our price.....each, **$9.50**

No. 508. 1 one-horse Lawn Roller, 2 sections, 4 foot track, 24 inches in diameter, weight 400 lbs.

No. 509. 2 "Simmons" Hand Rollers, 20 inches diameter, total length 24 inches, 2 sections, weight 250 lbs. Price...each, **$7.00**

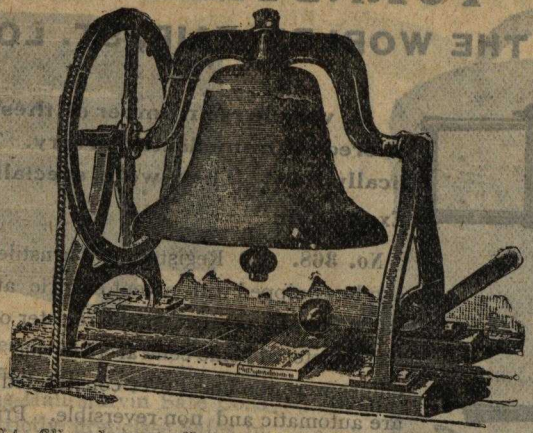
FLAG POLES

No. 946. Five thousand Flag Poles in various sizes. Each pole is complete with pulley and gilded ball top. Some of them are also surmounted with eagles.

Price for 20-foot Flag Poles						each,	**$ 1.25**
"	"	25	"	"	"	"	**2.50**
"	"	40	"	"	"	"	**3.75**
"	"	42	"	"	"	"	**4.00**
"	"	55	"	"	"	"	**5.50**
"	"	60	"	"	"	"	**6.00**
"	"	82	"	"	"	"	**8.50**
"	"	115	"	"	"	"	**15.00**

COME AND SEE US WHEN IN CHICAGO

BRAND NEW CHURCH AND SCHOOL BELLS.



We are prepared to fill orders at all times, for brand new Superior Cast Steel Bells, for the church, college, school, court house, factory, plantation, farm, etc, etc.

These bells are cast from a specially selected quality of steel, entirely unlike that used ordinarily, and with the aid of the most approved appliances. We offer the highest grade bell of this class it is possible to produce, and one unequaled by the best product of any other founders. We guarantee this metal to possess every requisite for producing bells of full, rich, mellow tone and of the greatest durability, and purchasers may rest assured of a thoroughly satisfactory return for any money they may invest in these bells. The mountings are extra strong, handsome in design, and bring out the full volume of sound with the least labor in ringing. Every bell has been given a thorough ringing test, and only bells perfect in their performance are sent out. We fully warrant all of these bells to be as represented, and in sizes twenty-two inches and larger not to break within **five years**, if rung and used in the proper manner. Should a bell fail within the time specified, we bind ourselves to furnish a new one, free of charge, on delivery of the broken casting here. In case of a breakage after the term of our warranty has expired, we will allow for the broken bell (without mountings) one-half its price in exchange for a new one.

We claim: For an investment of the same amount of money we can give you in our way of cast-steel bell an instrument that will furnish a greater volume of agreeable sound, and whose voice can be heard much further, than the copper and tin bell that can be purchased at its price.

WHAT SIZE BELL TO BUY.

As a safe general rule we recommend the purchase of large bells, because of the vastly more agreeable tones obtained from large bells than are possible from small ones. This is especially the case with church bells, in which we rightly demand a solemnity of tone befitting its mission of calling men to worship, and not the sharp, business-like clang entirely appropriate to the school, factory or fire-engine house bell. For a village church vastly more satisfactory results will be obtained from a bell larger than thirty-six inches than from one of smaller size. It should be remembered that with increased size comes greatly increased volume and sweetness of tone, and that it is, therefore, practically impossible to install a bell too large for any church, increased size being inseparable from added sweetness.

PRICE LIST.

	SIZE DIAMETER	WEIGHT OF BELL ONLY	WEIGHT OF BELL AND MOUNTING	PRICE EACH
Church, School and Chapel bells.	20-inch	105 lbs.	150 lbs.	$ 7 00
	22-inch	125 lbs.	175 lbs.	8 00
	24-inch	155 lbs.	225 lbs.	11 00
	26-inch	215 lbs.	325 lbs.	17 75
	28-inch	250 lbs.	400 lbs.	22 00
	30-inch, without Toller	320 lbs.	525 lbs.	28 00
	30-inch, with Toller	330 lbs.	535 lbs.	29 00
	32-inch, "	380 lbs.	575 lbs.	33 00
	34-inch, "	460 lbs.	725 lbs.	40 00
	36-inch, "	550 lbs.	800 lbs.	49 00
	38-inch, "	650 lbs.	950 lbs.	56 50
	40-inch, "	800 lbs.	1100 lbs.	66 00
	42-inch, "	900 lbs.	1200 lbs.	72 00
	44-inch, "	1050 lbs.	1450 lbs.	88 00
	46-inch, "	1150 lbs.	1600 lbs.	96 00
	48-inch, "	1350 lbs.	1850 lbs.	105 00

PRICES ARE GUARANTEED TO EVERYONE.

SMOKE STACKS AND SMOKE CONNECTIONS

ALWAYS ON HAND.

We make them ourselves, and can save you considerable on anything in this line. We can give you any diameter—height—style or gauge of iron. Write us for anything you may want, that is not listed below.

We Guarantee the Quality of these Smokestacks



We can Make any Kind of Smoke Connection You may Desire. Send Specifications for Our Estimates.

SMOKESTACKS.

Prices Subject to Change Without Notice.

Diameter of Stack. Inches.	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	48
Price per Foot Made of No. 16 Iron.	$0.47	$0.51	$0 54	$0.58	$0.60	$0.65	$0 70	$0.72	$0.87	$0.94	$1.00	$1.08						
Price per Foot Made of No. 14 Iron.	.65	.70	.72	.80	.83	.90	.98	1.05	1.12	1.25	1.35	1.45	1.55	1.65	1.75	1.85		
Price per Foot Made of No. 12 Iron.		.83	.95	1.00	1.05	1.15	1.20	1.25	1.35	1.40	1.45	1.65	1.75	1.85	1.95	2.05	2.10	
Price per Foot Made of No. 10 Iron.			1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.35	2.45	2.60	2.75	3.00	3.45
Galvanized Wire Rope for Guys, per Foot.	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02½	.02½	.02½	.02½	.02½	.03	.03	.03
Damper in Stack. Extra	1.80	2.00	2.15	2.15	2.15	3.00	3.00	3.00	3.00	3.00	3.00	4.35	4.35	4.35	4.35	4.35	5.00	5.75
Umbrella Top for Stack. Extra	1.80	2.00	2.15	2.15	2.15	3.00	3.00	3.00	3.00	3.00	3.00	4.35	4.35	4.35	4.35	4.35	5.00	5.75

For Elbow in stack, add cost of 8 feet of stack.

Can furnish any length desired.

We can furnish smokestacks for dwellings in all lengths and sizes.

As a means of saving on freight charges, we advise the shipments of smokestacks "knocked down." When so ordered we punch holes and furnish rivets, so that anyone can set them up.

These prices are absolutely net.

INDURINE WEATHERPROOF COLD WATER PAINT.

A pure mineral paint in dry powder form, requiring the addition of cold water only to be ready for **instant use.** Produces a hard, flexible enamel finish, will withstand **great weather exposure,** and will not **rub, scale or crack,** nor will it soften or turn yellow with age.

IT IS ABSOLUTELY FIRE PROOF.

It is **the paint** for **factory plants, station** and **hospital buildings, shops, round houses, elevators, water stations, boiler** and **engine rooms, dry kilns, bridges** and **trestles, cattle guards, fences,** and all classes of outbuildings, or any place where it is desirable to **retard fire** and **decay,** and for light and cleanliness.

It is 75 Per Cent Cheaper Than Lead and Oil Paint

Creating a saving not only in material, but in labor as well, for **one coat of Indurine** covers better than **two coats of oil paint,** and in most cases only **one coat** is necessary to get first-class results.

Can be used over oil paint to good advantage, and makes a first-class **priming coat,** as oil paint can also be applied over it; in fact it is an **excellent filler** for old **weather-beaten surfaces,** which consume an immense amount of paint, as **one coat of Indurine** will effectively stop the greatest **suction.** It will **resist dampness** in rooms to a remarkable degree if the surface is dry when it is applied and has a chance to dry out and harden itself before being exposed to the moisture.

Can be used to the best advantage on **stone, brick, wood,** and **over oil paint,** or, in fact, on any good firm surface. If you should wish to apply **Indurine** over oil paint, all loose particles should be carefully removed. If **Weatherproof Indurine** is to be applied to a surface that has been whitewashed, the latter should be removed, as the **binding qualities** are so great it would have a tendency to draw off the weaker materials, the same as oil paint would.

Four pounds of Indurine will make a gallon of paint, and will cover from 200 to 400 square feet of surface.

"INTERIOR" INDURINE FOR INSIDE USE.

Almost the same as **Weatherproof,"** with the exception that its binding qualities are not so great, therefore is not intended for use on surfaces constantly exposed to the elements. It is **an ideal paint for inside work** as it is **white as snow,** is a great **dirt killer,** and positively **will not rub, scale or crack,** nor will it turn yellow with age. It can be used over old whitewash if the loose particles are removed before applying. **"INTERIOR" has all the fire-retarding qualities of the "Weatherproof."**

CAN BE APPLIED BY ANYONE WITH ANY KIND OF BRUSH.

IMPORTANT—To avoid mistakes and delay when ordering, always state whether wanted for **inside or outside** use. Color cards, showing thirty-two colors, sent upon request.

WHITE.

	Per lb.		Per lb.
Weatherproof	$0.07	Extra Inside	$0.06

COLORS.

	Per lb.		Per lb.
Weatherproof, Nos. 30, 62, 57, 36	$0.08	Interior, Nos. 71, 76, 81	$0.07
Nos. 54, 35, 64	.08¼	Nos. 41, 45, 47	.07¼
Nos. 31, 32, 56, 33, 34, 65	.08½	Nos. 40, 46	.07½
No. 37	.08¾	Nos. 39, 42, 43, 77, 79, 68, 44	.07¾
No. 38	.09	No. 80	.08
No. 58	.09¼		

Put up in bbls. about 400 lbs.; half bbls. 200 lbs. *Note increase in price per lb. when ordered in smaller quantities.* Kegs (½c over above prices), 100 lbs. and 50 lbs Also in cases containing 20 5-lb. packages; put up in this way. 1c per lb. additional over above prices to cover expense of labor, packages, etc. *Not sold in less than 5-lb. packages.* Full directions with each order.

We especially recommend this article for all around farm and factory purposes and will be pleased to answer correspondence in reference to same.

PAINTS, COLORS, OILS & VARNISHES.

We are in position to supply you at any time with your wants in this line. We are ready to quote prices on any material not found in our catalogue that you may be in the market for. We do not handle anything but material that is of a high grade, and that will give you satisfaction.

READY MIXED PAINTS.

"Premier" Brand.

Every gallon of paint of this brand that we ship, is fully guaranteed to be the best that can be made, and we will replace within three years any paint that does not come up to our guarantee. Purchasing it under such a contract, you are perfectly safe, and we are entitled to your order provided our prices are right, and if you will compare the offers we are making with any other firm on earth, you will find that we are the lowest, quality considered. We issue upon application a color card showing all the various shades of our paints and stains. We carry in stock the following shades of "Premier" brand:

HOUSE PAINTS.

206 French Gray	222 Pure Blue	239 (See Below)
207 Lavender	223 Buff	240 Light Stone
208 Straw	224 Terra Cotta	241 (See Below)
209 Pea Green	225 Apple Green	242 Dark Gray
210 Light Drab	226 Leather Brown	245 Yellow Stone
211 Canary	227 Pure Gray	246 Green Tint
212 Lemon Stone	228 Light Blue	247 Light Slate
213 Pearl	229 Maroon	249 Sky Blue
214 Beaver	230 Bronze	251 Colonial Yellow
215 Pink	231 Willow Green	
216 Milwaukee Brick	232 Drab	252 (See Below)
	233 Olive	255 Azure Blue
217 Quaker Drab	234 Red	O. W. Outside White
218 Nile Green	235 Brown	I. W. Inside White
219 Olive Drab	236 French Yellow	B. Black
220 Cream	237 (See Below)	
221 Fawn	238 Lead	

Prices.

	Per Gal.		Each.
Barrels (50 gals)	$0.85	One gal. cans	$0.98
Half bbls. (25 gals)	.88	Half gal. cans	.53
Five gal. buckets	.95	Quart Cans	.28

Prices include Barrels and Cans.

*Special Colors			
239*—Vermilion.	237*—Myrtle Green.		
251*—Carmine	241*—Green		
One-gallon cans	$2.35		$1.65
Half-gallon cans	1.25		.85
Quart cans	.65		.45
Pint cans	.35		.24

These paints are composed of the very best material on the market, ground in pure linseed oil, and we recommend it as being economical and durable, giving only the very best results when properly applied. We are sure that a trial order will convince you that they are all we claim, being far superior in body, more lasting and retaining their color longer and better than strictly pure oil and lead mixed by hand.

"PERFECTION" MIXED PAINTS.

In addition to the above high grade paints, we recently purchased at sale a job of ready mixed paints, branded as the "Perfection." We can furnish this grade of paint ready mixed in any of the shades noted above. There is no guarantee on this paint. However, it can be used to advantage as an indoor paint, for priming coats or for any other purpose where a cheap paint will answer the purpose. Our prices as follows:

¼ Gallon	$0.20	1 Gallon	$0.75
½ Gallon	.40	5 Gallons	3.25
10 Gallons	$6.25		

The above prices are on all shades with the exception of Vermilion and Green, and on these our prices are as follows:

¼ Gallon	$0.25	1 Gallon	$0 85
½ Gallon	.45	5 Gallons	3 75
10 Gallons	$7.00		

FLOOR PAINTS.

Our ready mixed floor paint has no superior on the market. Guaranteed made from the very best pigments, and to go as far as any mixed paint made.

Shades,	Gallons.	½-gals.	Quarts.
610—Light Yellow per can,	95c	52c	27c
620—Dark Yellow "	95c	52c	27c
630—Indian Red "	95c	52c	27c
640—Lead Color "	95c	52c	27c
650—Drab "	95c	52c	27c
660—Brown "	95c	52c	27c

ROOF AND BARN PAINTS.

	Per Gallon.			
Shades.	Bbls. 50 gals.	½-bbls. 25 gals.	Buckets. 5 gals.	1-gal. cans.
800—Light Gray	45c	50c	55c	60c
801—Stone Gray	45c	50c	55c	60c
802—Dark Yellow	45c	50c	55c	60c
803—Light Yellow	45c	50c	55c	60c
804—Indian Red	45c	50c	55c	60c
805—Brown	45c	50c	55c	60c

SPECIAL BARN PAINT.

In Black and Red.

Barrels (50 gals)	per gal. 30c
Half Barrels (25 gals)	" 35c
Buckets (5 and 10 gals)	" 40c
One gallon cans	" 50c

WAGON PAINTS.

For Wagons and Farm Machinery.

Shades.	Gals.	½-gals.	Quart.	Pints
Red per can,	$1.50	80c	45c	25c
Green "	1.50	80c	45c	25c
Blue "	1.50	80c	45c	25c
Black "	1.50	80c	45c	25c
Yellow "	1.50	80c	45c	25c

CARRIAGE AND BUGGY PAINTS.

Shades.	Quarts.	Pints
926—Wagon Red		32c
9 6—Black	60c	32c
946—Yellow		32c
956—Green		32c
966—Wine		32c
976—Vermilion		40c
986—Blue		32c

Put up in pint cans only except black; black is put up in pints and quarts.

OIL STAINS—READY FOR USE.

These are interior stains and are to cover old painted surfaces, or for new work. If a high gloss is desired, finish with one coat of good varnish. We have them in the following colors: Walnut, Mahogany, Cherry, Rosewood, Light Oak and Dark Oak.

One gal. cans...each	$1.40	Quart cans...each	$0.42
Half gal. cans.. "	.77	Pint cans.. "	.24

Our List of Machinery is Under a Separate Cover—Ask for It.

STAINS, VARNISHES, LEAD, ETC.

VARNISH STAINS.

Just the thing for a neat housekeeper. One coat makes old furniture look like new. A first class imitation of expensive wood. Cherry, Rosewood, Mahogany, Walnut, Ebony, Light Oak, Dark Oak. Specially intended for refinishing woodwork in the interior of homes.

Gallons	each,	$1.40
Half Gallons	"	.77
Quarts	"	.43
Pints	"	.24
Half Pints	"	.17

VARNISHES, ETC.

They are guaranteed equal in quality to any like goods made, and we have placed them on the market at prices that will at once command your attention. Put up in all sizes, from pints to 50-gallon barrels. No charge for packages.

Coach Varnish.

One gallon cans	each	$1.10
Half gallon cans	"	.60
Quart cans	"	.35
Pint cans	"	.25

No. 1 Coach Varnish.

Extra Quality.

One gallon cans	each,	$1.40
Half gallon cans	"	.75
Quart cans	"	.45
Pint cans	"	.30

No. 1 Furniture Varnish.

One gallon cans	each,	$1.10
Half gallon cans	"	.60
Quart cans	"	.35
Pint cans	"	.25

No. 1 Extra Light Hard Oil.

One gallon cans	each,	$1.40
Half gallon cans	"	.75
Quart cans	"	.45
Pint cans	"	.30

PURE COLORS GROUND IN OIL.

Ready for use with addition of oils, etc., for thinning.

	1-lb. cans.	5-lb. cans.
Drop Black	15c	70c
Coach Black	16c	75c
Prussian Blue	36c	$1.65
Sienna, raw or burnt	12c	53c
Vandyke Brown	12c	55c
Chrome Green	14c	65c
Scarlet Vermilion	18c	85c
Venetian Red	8c	35c
Chrome Yellow	18c	85c
Graining Colors (Antique, Mahogany, Cherry, Walnut)	12c	55c

STRICTLY PURE WHITE LEAD.

Red Seal, Southern, Shipman, Collier or Eckstein. Kegs of 12½, 25, 50 or 100 lbs.

Per lb 6½c

Price subject to market changes.

DRY COLORS.

	Weight of Bbl.	Bbl. Lots, Per lb.	Less Quantity Per lb.
Golden Wash Ochre	400	1c	2c
Rochelle Ochre	400	1½c	2c
English Golden Ochre		10c	13c
French Ochre	400	1½c	2c
Italian Buff, Light	500	1c	2c
American Venetian Red	350	1c	1½c
Imperial Venetian Red	336	1⅜c	2c
Cookson's Venetian Red	336	1⅜c	2c
Snow White Wood Filler	400	1½c	1¾c
Silver White Wood Filler	350	1½c	2c
White Mineral Primer	550	1½c	2c
Spanish Brown	350	1c	2c
Chrome Yellow			15c
Chrome Green, No. 1, best		7c	9c
Chrome Green, Dresden		10c	13c
Prussian Blue			50c
Ultramarine Blue, best			12c
Burnt and Raw Umber	350	5c	6c
Burnt and Raw Sienna	350	5c	6c
Red Lead, 25-lb. kegs		6½c	10c
Dark Red Iron Paint	400	1¼c	1¾c
Germantown Lamp Black	50	10c	11c

SPECIAL DRY COLORS.

We carry two special dry colors in stock.

Wagon Red is a very brilliant color and almost as light as Vermilion when mixed with linseed oil. Just the thing for wagons and all kinds of farm implements.

Price per lb 10c

Screen Green is a pure green color, very suitable for window screens and screen doors, and is one of the prettiest greens in the dry colors ever put on the market.

Price per lb 9c

MORTON WHITE LEAD IN OIL.

Is very fine and white, but is not intended for white finishing coats, because it does not contain the dense opacity qualities of the other brands we catalogue. It can be used with excellent satisfaction in colored paints, and is a good priming or first coat lead. The Morton Lead cannot be duplicated in quality and price by any competitor.

Price per 100-lb. keg	$4.00
Price per 50-lb. keg	2.00
Price per 25-lb. keg	1.00
Price per 12½-lb. keg	.50

ECLIPSE WHITE LEAD IN OIL.

The reputation of this White Lead is world wide, and while this is not our high class first grade lead, still we can recommend it to be very good and durable, exceedingly white and finely ground. It is serviceable White Lead for all painting purposes. It mixes easily and spreads smoothly.

Price per 100-lb. keg	$5.00
Price per 50-lb. keg	2.50
Price per 25-lb. keg	1.25
Price per 12½-lb. keg	.65

Strictly Pure Kettle Boiled Linseed Oil. Strictly Pure Raw Linseed Oil
Always Sold at Market Prices

PAINT AND KALSOMINE BRUSHES.



CHISELED VARNISH BRUSHES.

No. 1 B. Black Chinese Bristles, cement set, metal bands, black enamel handles.

Size, inches	1	1½	2	2½	3
Price, each	5c	8c	11c	14c	18c



VARNISH BRUSHES.

No. 2 B. Extra Thick, Soft Elastic Varnish Brush, Chinese bristles.

Size, inches	1	1½	2	2½	3
Price, each	11c	16c	20c	31c	40c



WALL BRUSHES.

No. 3 B. Wall Brushes, single thick black bristles, metal bound.

Width, inches	2½	3	3½	4	4½
Length of Hair	2	2⅛	2⅜	2½	2¾
Price, each	15c	18c	21c	28c	30c



WALL BRUSHES.

No. 4 B. O. K. Wall Brush, nickel bound, imitation rosewood handle, elastic Chinese bristles, full center brush, superior in elasticity and durability.

Width, inches	3	3½	4
Length of Hair	3¼	4	4¼
Price, each	75c	$1.00	$1.15



PAINT BRUSHES.

No. 5 B. Paint Brush, nickel bound, imitation rosewood handle, flat Chinese bristles, excellent for either varnish or paint, and is well adapted for inside painting. A full center brush.

Width, inches	3	3½	4	4½
Length of Hair	2¾	3	3¼	3½
Price, each	38c	50c	60c	75c



STUCCO BRUSHES.

No. 6 B. Patent Stucco Wall Brush, leather bound, imitation rosewood handle, made of superior quality black Chinese bristles, prepared with special care, double nailed with narrow leather band.

Width, inches	3	3¼	4
Length of Hair	4	4¼	4½
Price, each	90c	$1.20	$1.50



STUCCO BRUSHES.

No. 7 B. Stucco Brush, leather bound, best brush manufactured, selected Chinese Hong Kong bristles, leather bound, imitation rosewood handles, full length and weight, extra heavy.

Width, inches	3	3½	4	4½
Length of Hair	4⅛	4⅛	4¾	4¾a
Price, each	$1.25	$1.50	$1.75	$1.85



WHITE WASH BRUSHES.

No. 8 B. Anchor White Wash Brush, metal bound, white bristles outside, white mixed middle, extra good value.

Width, in.	6½	7½	8½	9
Lh. of Hair	2⅜	2⅝	2⅞	3⅛
Price, ea.	22c	25c	30c	35c



KALSOMINE BRUSHES.

No. 9 B. Kalsomine Brushes, metal bound, natural wood finished handles, white bristle casing, white imitation bristle center, excellent medium quality.

Width, inches	6	7	8
Length of Hair	3¾	4	4½
Price, each	55c	75c	90c



KALSOMINE BRUSHES.

No. 10 B. Standard Kalsomine Brushes, brass bound, natural wood finished handles, best yellow Okatka bristles, long stock.

Width, inches	6	7	8
Length of Hair	4⅞	5⅛	5½
Price, each	$2.50	$3.00	$3.7



FLAT DUSTERS.

No. 11 B. Painter's Flat Dusters, special style round polished handles, best black Chinese bristles. This brush will not roll off on the ground.

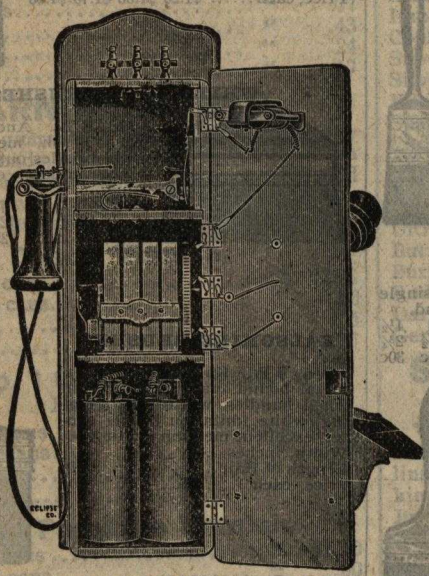
Width, inches	4⅛
Length of Hair	4
Price, each	90c

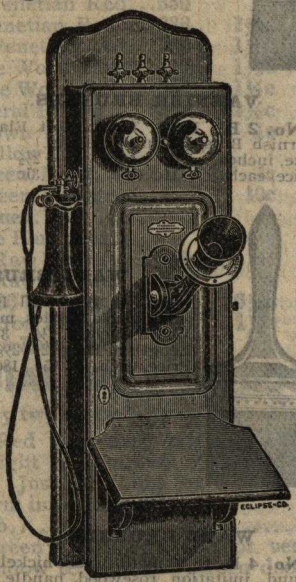
We have a complete line of House and Barn Paints.

Bridging Telephones

FULLY GUARANTEED.

We Contracted for 5000 Up-to-Date, Strictly Perfect, Brand New, Latest Type Bridging 'Phones.





These new "Bridging" instruments we guarantee are equal to the very best 'phones of the kind on the market. We will ship them with this binding guaranty that if they are not strictly as represented and are not thoroughly satisfactory to you, we will take them back and exchange them for other instruments. Under such a guaranty, you are perfectly safe in purchasing from us.

They are known as the "Victor" 'phones and make a handsome, compact wall set, perfect in all its details, with parts so arranged that the utmost ease of access is afforded for their inspection, adjustment and repair. The generators, ringers, transmitters, induction coils and receivers employed are of the highest efficiency. The carbon lightning arresters used are of new design and embrace features of special merit; the adjustment of these is the simplest, and liability of formation of a short circuit owing to disintegration of particles of carbon is the least; the subscriber can clean the arrester by simply running a card between the carbons. The arching surfaces are in plain sight. These 'phones are a radical departure from old models and are being adopted everywhere. The cabinet work is of the best quality and finely finished. The Boston four-magnet generators, furnished with these bridging bell telephones, are capable of ringing upwards of thirty well-adjusted, sensitive, 1000 or 1600-ohm bells through resistance equal to one hundred miles of No. 12 wire. They are furnished with dry batteries of best quality. Have adjustable arms, all nickel parts are finely finished and the 'phones, as furnished to you, are models in every way. We quote them as follows:

No. 3 Bridged type, employing Boston four-magnet generator, ringers wound to resistance of 1000 ohms, each..... **$10.00**

No. 4 Bridged type, employing Boston four magnet generator, ringers wound to resistance of 1600 ohms, each..... **$10.50**

Electrical Supplies from the World's Fair

ELECTRIC FANS.

No. EL1. 1 Jandus 12-inch Desk Fan, 110 volt, 25 cycle, alternating current.
Each **$10.00**

No. EL2. 2 12-inch, 220 volt, direct current Electric Fans.
Each **$7.50**



No. EL3. 2 56-inch 4-blade Revolving Ceiling Fans, Emerson make, direct current.
Price, each **$20.00**

ELECTRICAL INSTRUMENTS.

Testing Sets.



No. EL4. 2 "Acme" Portable Testing Sets, complete, compact and convenient sets for measurements of resistance. Combines rheostat, whet-stone bridge, galvanometer and batteries. They are complete with sliding contact and battery. They will measure period 0-1 of an ohm to an accuracy of 1 per cent, up to 1,000,000 ohm to an accuracy of 5 per cent. Each set has a capacity of 11 megohms.
Price per set **$55.00**

No. EL5. 2 "Acme" Portable Testing Sets. Each set has a capacity of 11 megohms.
Price, per set **$55.00**

No. EL6. 1 Detector Galvanometer. Has 2 coils, 1 of no resistance and 1 of 50 ohm.
Price **$8.00**

TROLLEY CLAMPS.

No. EL7. 600 regular straight line Detroit Trolley Clamps for round No. 00 wire. Bronze metal with standard base.
Price, each ..... **11 cts.**

SOLDERED CURVE EARS.

No. EL8. 150 regular soldered curve ears, 9 inches long, for round No. 00 wire. Bronze metal, standard base, for type "D" hangers.
Price, each ..... **10 cts.**

CABLE CLIPS.

No. EL9. 1,000 ½ inch caustic cable clips.
Price, each ..... **7 cts.**
500 5/16 inch. Each ..... **5 cts.**

CIRCUIT BREAKERS.

No. EL10. 1 1,000 ampere single pole Circuit Breaker, fitted with manual release, arranged to operate by push button, as well as by its automatic release. Cost $95.00.
Price **$70.00**

SPRING GONGS.

No. EL11. 3 6-inch Spring Gongs, wound for 30-ohm resistance. Used in fire alarm service. Cost $12.00 each.
Our price, each **$7.50**

INSULATED CROSSINGS.

No. EL13. 10 No. 999 Philadelphia insulated crossings; John Mandel Co.
Each **$8.50**

HANGERS.



No. EL14. Single curved hangers. Iron part only.
Each ..... **25 cts.**



No. EL15. 500 Type W double curved hangers. The iron part only.
Each ..... **25 cts.**

TROLLEY EARS.



No. EL16. 500 Type W soldered ears for No. 00 wire.
Each ..... **15 cts.**



No. EL17. 100 15-inch Type W feeder ears.
Each ..... **30 cts.**

We are constantly buying goods at sheriff's and receiver's sale.

ELECTRICAL SUPPLIES FROM THE WORLD'S FAIR.

PORCELAIN TUBES.



No. EL88. 25,000 3-inch by ⅜-inch unglazed porcelain tubes.
Per 100 ..... **25 cts.**

No. EL89. 6,000 6-inch by ⅜-inch unglazed porcelain tubes.
Per 100 ..... **40 cts.**

No. EL90. 5,000 8-inch by ⅜-inch unglazed porcelain tubes.
Per 100 ..... **75 cts.**

No. EL91. 10,000 10-inch by ⅜-inch unglazed porcelain tubes.
Per 100 ..... **$1.10**

No. EL92. 50,000 ½-inch by 5/16-inch unglazed porcelain tubes.
Per 100 ..... **15 cts.**

No. EL93. 10,000 8-inch by 1½-inch unglazed porcelain tubes.
Per 100 ..... **$4.50**

No. EL94. 50,000 1⅝-inch by 5/16-inch unglazed porcelain tubes.
Per 100 ..... **14 cts.**

No. EL95. 60,000 4-inch by ⅜-inch unglazed porcelain tubes.
Per 100 ..... **30 cts.**

No. EL96. 6,000 ⅛ I. D. 6-inch long underhead, unglazed porcelain tubes.
Price, per 100 ..... **80 cts.**

No. EL97. 3,000 ½ I. D. 8-inch long underhead, unglazed porcelain tubes.
Price, per 100 ..... **$1.50**

No. EL98. 2,000 ¾ I. D. 8-inch long underhead, unglazed porcelain tubes.
Price, per 100 ..... **$2.00**

No. EL99. 1,000 ¾ I. D. 10-inch long underhead, unglazed porcelain tubes.
Price, per 100 ..... **$2.75**

No. EL100. 1,000 ¾ I. D. 12-inch long underhead, unglazed porcelain tubes.
Price, per 100 ..... **$3.50**

No. EL101. 1,000 1-inch I. D. 8-inch long underhead, unglazed porcelain tubes.
Price, per 100 ..... **$2.75**

No. EL102. 1,000 1-inch I. D. 10-inch long underhead, unglazed porcelain tubes.
Price, per 100 ..... **$3.00**

No EL103. 1,600 1-inch I. D. 12-inch long underhead, unglazed porcelain tubes.
Price, per 100 ..... **$4.20**

WIRE CLEATS.



No. EL105. 25,000 single wire glazed porcelain cleats, for 500,000 C. M. cable.
Price, per 100 ..... **$4.00**

No. EL106. 150,000 single wire glazed porcelain cleats, for 000 and 0000 wire.
Price, per 100 ..... **$1.75**

No. EL107. 5,000 pair 2 wire glazed porcelain cleats, for No. 14 to No. 8 wire.
Price, per 100 ..... **90 cts.**

BLOCKS FOR TYPE "C" FUSES.

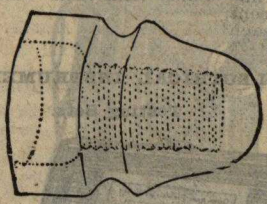
No. EL108. 25 of them.
Price, each **$1.25**

KNOBS.

No. EL109. Split Glazed B. & D. Porcelain Wiring Knobs, 1-inch below groove.
15,000 for No. 6 to No. 00 wire.
Each **$0.10**
400,000 for No. 8 to No. 4 wire.
Per 100 ..... **1.00**
1,000,000 for No. 10 to No. 14 wire.
Per 100 ..... **.80**

No. EL110. Glazed Porcelain B. & D. Wiring Knobs.
10,000 No. 5½. Per 100 ..... **$0.35**
10,000 No. 4½. Per 100 ..... **.45**
5,000 No. 3½. Per 100 ..... **.60**
20,000 No. 8 Standard Porcelain Knobs.
Price, per 1,000 ..... **$2.75**

GLASS INSULATORS.



No. EL111. 10,000 special cable glass insulators.
Price, per 100 ..... **$5.00**

TROLLEY STRAIN EARS.



No. EL112. 100 double strain soldered ears for round No. 00 wire.
Price, each **17c**

TYPE "C" BLOCKS.



No. EL113.—50 special "Type C" blocks, like cut, with fuses for same. Prices on application.

CARBONS.

No. EL104. 4,000 ½-inch by 9½-inch solid genuine "Electra" carbons; never used.
Price, per 100 ..... **$1.75**
3,000 same as above, cored. Per 100.. **1.85**

A chance to save Money. Buy to-day.

RUBBER COVERED AND WEATHERPROOF WIRES AND CABLES FROM THE ST. LOUIS WORLD'S FAIR

An Enormous Quantity of this Material comes into our possession. It was furnished by the AMERICAN STEEL & WIRE CO., and was purchased after careful consideration of all the best wires on the market. Its quality was fully covered by a Guarantee before acceptance by the Exposition Company.

This wire has only been used during the Exposition and will be shipped in good condition. Some of it in fact, has never been used. We ask you to advise us just how much of this wire you can use and we will make you a proposition, which we are confident will secure your order.

RUBBER COVERED WIRE, STRANDED.

1,000 feet 600,000 C. M.
3,000 feet 500,000 C. M.
5,000 feet 300,000 C. M.
8,000 feet No. 4/0
6,000 feet No. 3/0
50,000 feet No. 1/0
100,000 feet No. 2/0



RUBBER COVERED WIRE, SOLID CONDUCTOR.



50,000 feet No.	1	600,000 feet No.	6
40,000 feet No.	2	150,000 feet No.	8
60,000 feet No.	3	650,000 feet No.	10
150,000 feet No.	4	1,250,000 feet No.	12
25,000 feet No.	5	1,250,000 feet No.	14

WEATHERPROOF WIRE, TRIPLE BRAID, SOLID CONDUCTOR.

	Approx. pounds per 1,000 feet.	Approx. pounds per mile.
60,000 lbs. No. 14	23	118
50,000 lbs. No. 12	31	163
60,000 lbs. No. 10	48	250
25,000 lbs. No. 8	66	352
110,000 lbs. No. 6	104	550
45,000 lbs. No. 4	152	802
10,000 lbs. No. 3	193	1,018
25,000 lbs. No. 2	231	1,219
30,000 lbs. No. 1	281	1,483

WEATHERPROOF WIRE, TRIPLE BRAID, STRANDED CONDUCTOR.

	Approx. pounds per 1,000 feet.	Approx. pounds per mile.
150,000 lbs. No. 2/0	460	1,433
40,000 lbs. No. 1/0	317	1,963

SLOW BURNING WEATHERPROOF WIRE.

50,000 lbs. No. 16	23	121
50,000 lbs. No. 14	27	143
50,000 lbs. No. 12	42	223
50,000 lbs. No. 10	60	317
35,000 lbs. No. 8	90	475
30,000 lbs. No. 6	130	686
40,000 lbs. No. 4	210	1,109
50,000 lbs. No. 3/0	730	3,855

100,000 lbs. 300,000 C. M.
175,000 lbs. 400,000 C. M.
140,000 lbs. 500,000 C. M.
40,000 lbs. 600,000 C. M.

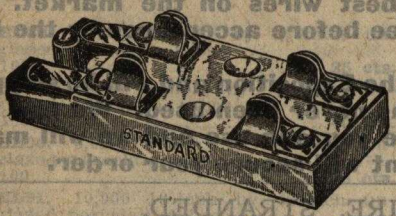
PRICES ON APPLICATION.

All this came from the World's Fair—St. Louis

TELEPHONE SUPPLIES.

We are in a position to give you all necessary supplies to equip telephone lines at very low prices. All the materia offered is guaranteed absolutely. We offer you expert advice on all electrical and telephone questions without charge.

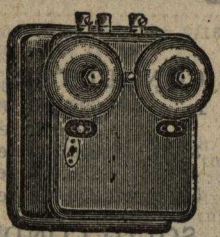
COMBINED FUSE BLOCK AND LIGHTNING ARRESTOR.



This device affords absolute protection from burn-outs by lightning or line being crossed with trolley or electric light wires.

Price, each.....$0.25

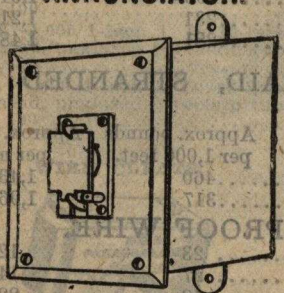
MAGNETO EXTENSION BELLS.



Regular Extension Bells wound to a resistance of 90 ohms, can be attached to line to some distant point away from the telephone, ringing when telephone rings. We can furnish the same bell wound to 1000 or 1600 ohms for bridging work.

Price each, 80 Ohms.....$1.75
" 1000 " 3.15

AUTOMATIC TELEPHONE DROP OR ANNUNCIATOR.



A regular shutter style of drop, indicating when a call is made. Will also close circuit for a continuous ringing bell. Restoring shutter to normal position, stops ringing of bell and ready for another alarm.

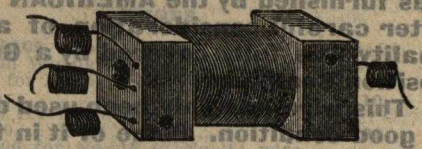
Price each, 80 Ohms.....$1.50
" 1000 " 2.75

REGULAR TELEPHONE RECEIVERS.

The very latest powerful receiver. Hard rubber shell. None better.

Price each.....$1.15

TELEPHONE INDUCTION COILS.

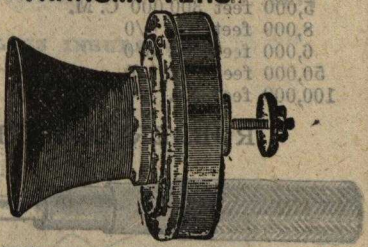


All of our coils are silk wound and adapted for use with best apparatus.

Trade No. 6348. Short Coils (250 Ohms) each, $0.75
6349. Long " (500 ") " 1.50

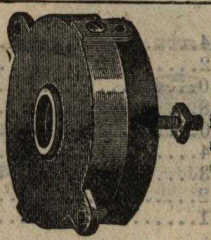
Coils of other resistances furnished to order.

TRANSMITTERS.



Transmitter for outside of box or for adjustable arm. All metal parts nickeled ready for mounting. loud talkers.

Price each.....$0.75



TRANSMITTERS.

Transmitter for mounting on inside of box. The same transmitter, electrically, as for outside.

Price each..... $0.60

WOOD BRACKETS AND PINS.

Painted Oak Brackets, per 100.....$1.45
" Pins, 1¼ in. " ..... .80

INSULATORS.

Regular Pony Glass Insulators, per 100.....$2.75
Porcelain Knobs, per 100..... .60
Clay " " ..... .40

WIRE.

Galvanized Steel Telephone Wire, put up in half-mile coils.

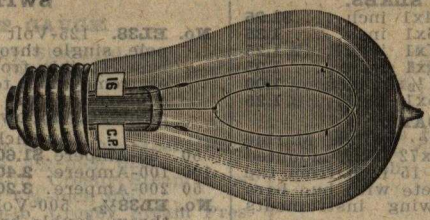
Size, N . 12, 164 pounds per mile, per lb.....3¾c
" 14, 96 " " " .....
Annunciator Wire.....

SWITCH BOARDS.

Send in your specifications or explain what you require either for special work or regular exchange equipment and we will quote prices and submit plans.

WRITE US FOR ANY SUPPLIES NOT LISTED.

INCANDESCENT ELECTRIC LAMPS



FROM THE WORLD'S FAIR IN ST. LOUIS

No. 082. 50,000 Brand new Incandescent Lamps. 100 to 110 voltage. 16 candle power to a case. Edison, F. H., or Westinghouse base. Packed 250.
Price each in case lots.....**14c**
" " " smaller lots.....**16c**

No. 886. 150,000 new Incandescent Lamps, never used, all Edison base They are all general electric make, 100 to 110 voltage, 8 candle power, packed in cases.
Price in lots of 250 or more.....each, **12c**
When ordered in less quantities, price.....each, **14c**

No. 887. 200,000 same as above used lamps, but which have been tested and can still be used for some time to come.
Price each in lots of 100 or more.....**6c**

No. 080. 15,000 brand new general electric make, natural colored Incandescent Lamps. Colors, green, ruby, opal and amber. Edison base. 104 voltage. 8 candle power. Packed 200 in a case.
Price each, any quantity.....**30c**
" " in case lots.....**25c**

No. 081. 50,000, same as above in same colors. Lamps that have been used, but good for further service.
Price each, any quantity.....**15c**
" in lots of 200.....each, **10c**

LAMP CORD

No. 1003. 100,000 feet No. 16 lamp cord in continuous lengths.
Price.....per yard, **7c**

No. 1004. 250,000 feet lamp cord in short lengths, ranging from 1 foot to 10 feet.
Price.....per yard, **5c**

No. 1005. 500,000 feet of lamp cord in scrap lengths.
Price.....per yard, **4c**

ROSETTES

No. 1006. 50,000 Ceiling rosettes. Price.....each, **20c**

RECEPTACLES

No. 1007. 100,000 No. 9171 G. E. Co. porcelain receptacles.
Each.....**4c**
Per dozen.....**40c**
Per gross.....**$4.00**

ELECTRICAL MATERIAL.

MARBLEIZED SLABS.

No. EL18. 1—1....16x24x1 inch.....**$1.25**
" 2—1....17x26x1 inch..... **1.35**
" 3—1....14x27x1 inch..... **1.25**
" 4—1....16x24x1 inch..... **1.25**
" 5—1....15x21½x1 inch... **1.00**
" 6—1....15x25x1 inch..... **1.25**

SWITCH BOARD.

No. EL19. We have one Italian Marble switch board, size 51x72 inch; mounted on angle iron frame, 15 inch from the ground. It is complete with bus bars and has the following instruments mounted thereon:

SWITCH BOARDS.

No. EL20. 6 Boards of various sizes. Full list on application.

INSTRUMENTS FROM THE WORLD'S FAIR.

These came to us by reason of our purchase of the complete Exposition, and are in excellent condition, practically brand new.

AMMETER.

No. EL21. 1 T. H. Alternating Ammeter, General Electric No. 48436.

No. EL22. 1 Thompson portable alternating Ammeter, No. 47032—from 0 to 10.

No. EL23. 1 Weston portable, direct reading Ammeter, from 0 to 200. No. 6144.

No. EL24. 1 Thompson portable alternating Ammeter, from 0 to 50. Brand new. No. 48436.

No. EL25. 1 Portable Weston Standard No. 2 D. C. Ammeter, 0 to 50 ampere.
Price **$45.00**

No. EL26. 1 Portable Weston Standard No. 7 D. C., 0 to 200 ampere.
Price **$54.00**

No. EL27. 1 Portable Ind. Coil A. C. Ammeter, 0 to 10 ampere.
Price **$15.00**

No. EL26. 1 Portable Ind. Coil A. C. Ammeter, 0 to 100 ampere.
Price **$17.00**

No. EL27. 1 inclined A. C. Ammeter with transformer to 800 ampere.

No. EL28. 1 Alton & Perry Direct Reading Spring Ammeter, 0 to 200.
Price **$7.50**

No. EL29. 1 Thompson Arc Ammeter, reading 1 to 11, brass case, iron base.
Price **$7.00**

No. EL30. 1 No. 7½ Norton Ammeter, reading from 0 to 800.
Price **$15.00**

No. EL31. 1 No. 8 Norton Ammeter, reading from 0 to 600.
Price **$12.00**

No. EL32. 1 Second-hand Alton and Perry Direct Reading Spring Ammeter, 0 to 200 .....**$7.50**

No. EL33. 1 Thompson Arc Ammeter, reading 1 to 11, brass case, iron base.
Price **$7.00**

DETECTOR.

No. EL34. 1 Brand New General Electric alternating current, ground, detector, Type F, 125 cycle, slate base....**$20.00**

No. EL35. 1 Brand New General Electric Alternating current ground detector, Type F, 125 cycle, slate base.
Price **$20.00**

DETECTOR GALVANOMETER.

No. EL36. 1 Detector Galvanometer. Has two coils, one of no resistance and one of 50 ohm, thus adapting it to powerful and weak currents.
Price **$8.00**

LIGHTNING ARRESTOR.

No. EL37. 1 Fort Wayne Thomson's combined lightning arrestor, 1,000 volt, mounted, slate base.....**$5.00**

SWITCHES.

No. EL38. 125-Volt Switches, double pole, single throw, brake or clip, slate base, fusible front connection, separate or removable terminals, plain finish, conforming to underwriters' requirements, as follows:

	Each.		Each.
50	50-Ampere. **$1.60**	50	300-Ampere. **$3.80**
100	100-Ampere. **2.40**	20	500-Ampere. **4.45**
50	200-Ampere. **3.20**	10	800-Ampere. **13.00**

No. EL38½. 500-Volt Switches, single throw, double brake, slate base, fusible front connection, separate terminals, plain finish, conforming to underwriters' requirements, as follows:

	Each.		Each.
25	50-Ampere. **$1.60**	10	200-Ampere. **$3.20**
12	100-Ampere. **2.40**	20	500-Ampere. **4.45**

No. EL39. 110-Volt Switch Snaps, porcelain, grooved, conforming to underwriters' requirements, as follows:

	Each.		Each.
50	5-Ampere. **$ .15**	100	25-Ampere. **$ .30**
200	10-Ampere. **.18**		

No. EL40. 1,000 10-Ampere, 220-Volt D. P. Snap Switches.
Price, each .....**$ .20**

No. EL41. 500 25-Ampere 500-Volt D. P. S. T. Knife Switches.
Price, each .....**$ .40**

No. EL42. 175 50-Ampere 500-Volt D. P. S. T. Knife Switches.
Price, each .....**$ .60**

No. EL43. 200 25-Ampere 125-Volt D. P. S. T. Knife Switches.
Price, each .....**$ .20**

No. EL44. 5,000 5-Ampere Single Pole Snap Switches.
Price, each .....**$ .12**

No. EL45. 12 300-Ampere S. P. S. T. 660-Volt Hook, Type K. S., mounted on large porcelain pedestal of blue Vermont marble.
Price, each **$13.00**
A soldered terminal for the above.... **40.00**

No. EL46. 3-Pole 2,500-Volt Single Throw Three-Knife Switches, on heavy marble base, complete with terminals.

No. EL47. 2 Crouse-Hinds, Style B, connected double pole, single throw fuse switches, each 250 amperes.
Each .....**$ 5.00**

No. EL48. 3 Crouse-Hinds switches, each 300 amperes.
Each .....**$ 6.00**

No. EL49. 1 Crouse-Hinds switch, 500 amperes .....**$ 9.00**

No. EL50. 2 Crouse-Hinds switches, each 800 amperes.
Each **$19.00**

No. EL51. 1 Crouse-Hinds switch, 400 amperes .....**$ 7.00**

No. EL52. 1 Second-hand T. H. current indicator, 80 amperes .....**$ 7.00**

No. EL53. 1,000 10-Ampere, 220-Volt "D. P." snap switches.
Price, each .....**$ .20**

No. EL54. 175 50-Ampere, 500-Volt D. P. S. T. knife switches.
Price, each .....**$ .60**

No. EL55. 1 Andrew's single pole, single knife switch, slate base, 250 amperes.
.....**$ 1.25**

PEDESTAL SWITCHES.

No. EL56. 12 300-Ampere, "S. P. S. T.," 660-Volt Hook Type, K. S., mounted in large porcelain pedestal of blue Vermont marble; furnished by Frank Adams Electric Co. Cost each $21.00
Our price, each **$13.00**
A soldered terminal for the above...**$40.00**

Can you use any considerable quantity of Weather Proof or Rubber Covered Wire? Write us your wants.

ELECTRICAL SUPPLIES FROM THE WORLD'S FAIR.

TEST GAUGE.

No. EL57. 1 Crosby Standard Test Gauge, from 0 to 300 lb. pressure. In perfect condition.

STEAM RECORDERS.

No. EL58. Two 40-lb. Crosby Steam Pressure Recorders, 6¾-inch dial.
No. EL59. One 90-lb. Crosby Steam Pressure Recorder, 6¾-inch dial.
No. EL60. One 80-lb. Crosby Steam Pressure Recorder, 8-inch dial.
Each of the above recorders has extra charts.

INDICATORS.

No. EL61. 1 T. H. Current Indicator, 80 amperes.
Price **$7.00**
No. EL62. 1 Howell Indicator, galvonmeter, reading 0 to 150 wood case. **$5.00**

CIRCUIT BREAKERS.

No. EL63. 1,000-Ampere Single Pole Circuit Breaker.

VOLT METER.

No. EL64. 1 Fort Wayne Electric Company's Wood Volt meter, reading from 0 to 95, brass case, marble base.. **$8.00**
No. EL65. 1 Second-hand Slattery induction volt meter, reading 0 to 60, wood case **$6.00**
No. EL66. 1 Slattery induction volt meter, reading 0 to 60, wood case.
Price **$5.00**

ARC LAMPS.

No. EL67. 12 100-Volt "D. C." enclosed arc lamps.
Price, each **$10.00**

SEARCH LIGHTS.

No. EL68. 1 10,000 candle power, 90 ampere, 110-volt search light, was used at St. Louis during the Exposition and is in first-class condition in every way. Price on application.
No. EL69. 1 Beacon Light. Full description on application.

ARC LAMP GLOBES.

No. EL70. 2,000 Opal Arc Lamp Globes, size of opening 4½ and 8½ inches, 4½ and 7¾ inches, 2 and 8 inches.
Price, each ..... **$ .25**
No. EL71. 500 No. 3 Fostoria Light Opal inner globes for G. E. Co. alternating arc lamps.
Price, each ..... **$ .07**

POLE BRACKETS.

No. EL72. 75 Richmond Flexible Pole Brackets, style "B," 9-inch arm, 1½-inch centers, tubes for 7-inch poles.
Each, single **$1.30**
No. EL73. 75 Richmond Flexible Pole Brackets, style "B," 9-inch arm, 1½-inch centers, tubes for 7-inch poles.
Each, double **$2.50**

FUSE BLOCKS.

No. EL74. 200 60 to 100-Ampere 220-Volt Fuse Blocks.
Price each ..... **$ .50**
No. EL74½. 2 New Slate Base Single Pole Shawnut Enclosed Fuse Blocks, with Noark's fuses. Type B, 2,500 volt, 60 ampere fuses.
Price, each ..... **$ .60**

FUSES.

No. EL75. 10,000 feet 10-ampere link fuses, copper tip, 2½-inch centers.
Per 100 feet **$1.25**
No. EL76. 2 New slate base, single pole Shawmut enclosed fuse blocks with Noark's fuses, Type B, 2,500 volt, 60 ampere fuses.
Price, each ..... **$ .60**

BLOCKS.

No. EL77. 178 60 to 100-Ampere, 220 volt.
Price, each ..... **.40**

STARTING BOX.

No. EL78. 1 Second-hand 5 H. P. C. & N. automatic starting box for..... **$4.00**
No. EL78½. 1 2 H. P. for..... **$2.50**

COPPER CABLES.

No. EL79. 50 reels of lead covered rubber insulated copper fire alarm and telegraph cables, No. 14; sizes 2, 3, 4 and 6 conductor. Brand new, made by the Safety Insulated Cable Co. for the St. Louis Exposition, but has never seen service.

GUY WIRE.

No. EL80. 10,000 feet of ⅜-inch stranded guy wire.
Per 100 feet **$1.75**

CONDUIT.

No. EL81. 5,000 feet of ⅜-inch Flexible Conduit, first-class quality.
Price, per 100 feet..... **$2.50**

BUZZERS.

No. EL82. 100 iron box buzzers.
Each ..... **13 cts.**
1,000 brass push buttons. Each .... **4 cts.**

STORAGE BATTERY.

No. EL83. 10 100-ampere hour portable storage batteries. Complete at
Each **$6.00**

FLEXIBLE COPPER RAIL BONDS.

No. EL84. 10,000 flexible copper rail bonds for No. 00 wire for use outside of splice bars on tee rails. It is ⅝-inch diameter: length from center to center of holes in the rail, 36 inches.
Price, each ..... **37 cts.**
500 flexible copper rail bonds for cross binding. No. 00 wire, B. & S. terminals, ⅝-inch diameter, for standard gauge track, 4 feet 8½ inches. For use on 60-pound tee rails.
Price, each ..... **57 cts.**

STRAIGHT LINE HANGERS.

No. EL85. 1,000 straight line hangers, made by the Ohio Brass Co. "Type D," malleable iron, galvanized, with bolts.
Price, each ..... **15 cts.**
No. EL86. 500 double curve hangers, Type D, malleable iron, galvanized, with bolts.
Price, each ..... **19 cts.**
No. EL87. 200 single curved hangers, Type D, malleable iron, galvanized, with irons.
Each ..... **17 cts.**

Miscellaneous Goods.

From the nature of our business we accumulate a vast quantity of material which it is practically impossible to correctly list, such as machinery, pulleys, building material, furniture, bric-a-brac, tools, hardware, etc., etc. Of many of such items we may have but one or two of a kind.

The list following under the head of "MISCELLANEOUS" is an attempt to gather as best we can some of these various items. It's a list well worth your time and attention. Down along some of these columns you will find much material you can use to advantage at very low prices.

ALL OF THIS MATERIAL IS SUBJECT TO PRIOR SALE.

Please Order by Lot Number.

No. M-3445. Ten rolls of 22 in. Second Hand Rubber Belting, very heavy, 4 and 5 ply, formerly used for an elevator, adapted for livery stable or runway purposes. Per pound.. .04

No. M-44. 100 Galvanized Iron Boxes, 6 in. x 8 in. x 24 in., with cover and slot, no locks. Each..... .25

No. M-46. Seven Harrison Boiler Cleaners or Purifiers. Each..... 15.00

No. M-47. 100 Cast Iron Coal Hole Covers with bull's-eye glass, round and octagon shapes, any size desired. Write for complete list and low prices .....

No. M-49. 200 pieces 3 in. Channels, 20 ft. 3 in. long.....

No. M-50. Lot of Ammonia Condensers, spiral and horizontal, both submerged and atmospheric, all sizes.

No. M-3517.
50 ft. of 12 in. Spiral Conveyor.
200 ft. of 10 in. Spiral Conveyor.
200 ft. of 8 in. Spiral Conveyor.
100 ft. of 6 in. Spiral Conveyor.

No. M-51. One piece Double Link Chain, 25 buckets 6x10..... 10.00

No. M-52. One piece of Link Chain, 15 buckets 4x6 ..... 4.00

No. M-53. One piece of Link Chain with 11 buckets 4x6..... 3.00

No. M-54. One piece of Link Chain with 47 buckets 7x12..... 25.00

No. M-58. One piece of Link Chain with 10 buckets 12x6..... 5.00

No. M-3492. One 10 ton Belt Driven Swinging Crane .....

No. M-3153. One pair of Flange Couplings for 9½ in. shaft (fitted). Can be bored or bushed down....

No. M-61. One pair of 8 in. Flange Couplings .....

No. M-3420. One 500 lb. Yale & Towne Chain Hoist .....

No. 3413. One 8 ton Chain Hoist.....

No. 3886. One 1 ton Doyle Chain Hoist.

No. 3061. One Swinging Belt Tightener with pulley 6 in. dia., 6 in. face..

No. 3390. One Double Pulley Belt Tightener; one Pulley 8 in. dia., one Pulley 6 in. dia., 6½ in. face.... 4.00

No. M-338. One All Iron Double Geared Small Hand Power Winch Drum 6 in. dia. x 3 in. face.....

No. M-3497. One A Derrick 46 ft. high, timbers 5x9, with two wheels or rollers on bottom, complete with crab .....

No. M-3496. One A Derrick 25 ft. high, with timbers 3x6, two wheels or rollers on bottom, complete with crab .....

No. 3490. One horse power Street Sweeper .....

No. 3161. One Wire Book Sewing Machine .....

No. 3150. One Engineer's Surface Gauge, 48 in. dia. x 4 in. face, all complete 3.00

No. 3114. One No. 8 Tap Wrench with case 5.00

No. 3485. One Galvanized Iron Tumbler with cast iron heads, 24 in. dia., 6 ft. long, cpening 10x32; made of 18 gauge iron.....

No. 3483. One pair of Trucks, 24 in. gauge, wheels 12 in. dia., flanged. 3.50

No. 3478. One Wood Frame Tire Bender; will handle 2 in. tires.....

No. M-147. Two pieces of Shaft, each piece 24 ft. long and one piece of Shaft 20 ft. long, with one pair of flange couplings .....

No. M-148. Two pieces 6 in. Shaft, with one pair of flange couplings, each 18 ft. long.....

No. M-149. One lot of Sheaves, 16 in. dia. up to 1¼ in. wire rope.....

No. M-150. One lot of Sheaves, 15 24 in dia., 25 18 in. dia. and 25 12 in. dia. .....

No. 3125. One all iron, heavy 15 in. Sheave for 1¼ in. rope, with hook .....

No. 3183. One Elevator Sheave, 18 in. dia., for ⅝ in. cable, with hanger block complete 3.00

No. 3364. One Iron Roped Rive Sheave 52 in. dia., 8 grooves for 1 in. rope .....

No. 3442. One Iron Sheave Wheel 32 in. dia., 6 grooves for ⅝ in. cable....

No. 3518. One Double Sheave, 18 in. extra heavy, with hook 20 in. long, 6 in. opening, capacity 40 ton; will take cable 1⅛ in.....

EVERY ITEM ON THIS PAGE IS A BARGAIN.

MISCELLANEOUS.—Continued.

No. 3118. One No. 3 Stocks without dies 3.00

No. 3115. One set Little Giant Screw Plate Dies, consisting of one set of ½ in., ⅝ in., 7-32 in. and ¾ in., at 3.50

No. 3108. Two No. 2 Stocks without dies. Each 1.00

No. 3109. Two No. 1 Stocks without dies. Each ..... .50

No. 3482. One Heavy Power Sausage Grinder and Stuffer; driving pulley 20 in. dia. x 10 in. face .....

No. 3450. One Platform Scale, portable, weight 5,000 lbs. (table cracked; all right for weighing) 20.00

No. 3431. One 8x12 Double Gang Stone Saw, all complete .....

No. M-141. Two 54 in. Round Stack Plates. Per pound ..... .02

No. 3054. One Galvanized Sieve 24x36, 6 in. deep ..... .75

No. M-142. One Smoke Box Extension for half front 36 in. boiler .....
One Smoke Box Extension for half front 42 in. boiler .....

No. 854. One Triple Geared Sorghum mill with three rolls, one roll 18 in. dia. x 9 in. face and two rolls 9 in. dia. x 9 in. face; all complete with driving pulley, mounted on heavy wood frame, in first class condition .....

No. M-143. Ten Warehouse Trucks with wheels, 28 in. wide, 6 ft. long. Each 3.00

No. M-145. Lot of 4 ft., 4½ ft. and 5 ft. Cast Iron Bathtubs, no enamel, just the castings, good for water troughs. Each 6.00

No. 3491. One Humane Society Watering Trough for dogs and horses .....
One Smoke Box Extension for half front 48 in. boiler .....
One Smoke Box Extension for half front 54 in. boiler .....
One Smoke Box Extension for half front 60 in. boiler .....
One Smoke Box Extension for half front 66 in. boiler .....
One Smoke Box Extension for half front 72 in. boiler .....

No. M-151. One dozen English Tile Cutters for making mosaic tile. Each 4.00

No. 3389. One Ratchet Turn Buckle with two hooks; screw feed 8 in. each end .....

No. 3416. One Second Hand No. 2 Pipe Vise 1.25

No. M-153. Wrought Iron Wheels, 32 in., 22 in., 20 in. and 24 in., suitable for trucks, etc. Per lb. ..... .02

No. M-154. 300 pairs Iron Truck Wheels and Axles, complete; size of wheel 7 in., 27 in. gauge, axle 28 in. Price per set of four wheels and two axles 2.25

No. 3259-A. One Webster Water Motor, No. 3, with 15 in. wheel, inlet 1½ in., outlet 4½ in., rated 1 H. P. .....

No. 3239. One Hand Power Winch with gear, 30 in. dia., pinion 5 in. dia., with two handles, also driving pinion for drum .....

No. M-155. Two Utility Clothes Washers. Each 1.00

No. M-156. One Power Western Washer 2.00

No. 3481. One Hand Power Winch, single purchase, iron frame, gear wheel 36 in., pinion 6 in dia., with two handles 22.50

No. 3439. One Wire Mat about 15 ft. long and 23 in. wide .....

No. 3438. One Wire Reel on wood frame 7.50

No. M-158. One brand new, All Iron Wheelbarrow, 30x30 in. .....

No. M-159. One new 30 in. Hand Scraper.

No. M-160. One set of Lace Curtain Stretchers, wood, all complete ... 1.25

No. M-161. Two Second Hand, All Iron Wheelbarrows, 28x36 in. .....

No. 3067. One Hand Power Winch with two handles, single purchase, main gear 24 in. dia., pinion 6 in. dia. ..

No. 3079. One Hand Power Winch, single purchase, with gear 30 in. dia., pinion 5 in. dia.; drum 6 in. dia., 30 in. between flanges; all mounted on wood frame, with two crank handles .....

No. 3374. One Hand Power Tire Bender; will take up to 5 in. .....

No. 3369. One Hand Power Tire Bender, adjustable .....

No. 3378. One pair of Trucks, 26 in. gauge, wheels 11 in. dia., with 1½ in. axle 6.00

No. 3467. Four sets of Heavy Car Trucks with axle; wheels 15 in., 3½ in. bearing; axle extends 9 in. beyond wheels. Each 12.00

No. 3448. Two Trucks, 42 in. gauge, dia. of wheel 12 in. Set 4.50

IRON DOORS.

No. M-103. Two Iron Doors with lock, 32 in. wide, made of ½ in. rods set apart 5 in., 6 ft. 3 in. high over all. Each 3.00

No. M-104. Three Wrought Iron Bar Doors, will open up to 3 ft., close into 10½ in. Each 3.00

No. M-105. One pair of Heavy Iron Guard Doors, 34 in., each made of 1 in. rods set 5 in. apart, pointed at the top, 8 ft. high over all ....
SEND FOR PENCIL SKETCH.

No. 3096. One Iron Door 54 in. wide x 7 ft. 9 in. long, with two rollers on top, made of ⅛ in. plate .....

No. 3097. One Iron Door 3 ft. 6 in. x 6 ft. 10 in., made of ⅛ in. plate, with hinge on top .....

No. 3459. Three Iron Doors 22x40, made of two plates ¼ in. thick, with lock and key; no frame. Each ... 5.00

No. 3462. Two Iron Doors 30 in. x 6 ft., without frame, made of ⅞ steel. Each 12.50

No. 3464. One Iron Door 7 ft. high x 31 in. wide, made of ¼ in. plate 10.00

MISCELLANEOUS.—Continued.

ELEVATORS.

No. M-158. Four Passenger Elevator Cages .....

No. M-159. One House Dumb Elevator, 22x20x5 ft., with pulley.....$ 2.50

No. 3048. One Worm Gear Elevator, with worm 26 in. dia., having tight and loose pulleys.....

No. M-3057. One complete Electrical Driven Elevator with platform and cage, also gearing, direct connected to one 220 volt, 15 H. P. Keystone motor with upper and lower sheaves, counter balance weights and cable all complete...

No. 3158. One Elevator Hoist Drum, 30 in. dia. x 12 in. face, 3 in. bore, 15 grooves for ⅝ in. rope..... 6.00

No. 3350. Three belt driven, worm gear Freight Elevators .....

No. 3360. Two Hydraulic Elevator Valves .....

No. 3433. One Elevator Platform, 5 ft. x 4 ft., with safety device.....

No. 3474. One Elevator Hoist Drum, 48 in. dia., with 22 grooves for ⅝ in. rope .....

No. 3516. One Elevator Booth, 11 in., with sprocket drive.....

No. M-160. One No. 1 Fossett & Bishop Steam Trap .....

No. 3157. One Steam Trap with 1¼ in. pipe connections 3.00

No. 3190. One Steam Trap with 1 in. inlet, 1½ in. outlet, with weight and lever for adjusting pressure.. 7.50

No. M-3411. One 18 in. Diaphragm....

No. 3327. One Special Forming Roll with three rolls; upper roll 5 in. dia., lower rolls 4¾ in. dia., adjustable; will take in between housings 9 in. .....

No. 111. One lot of Half Fronts for boilers, from 36 in. to 72 in., also full fronts .....

No. 073. One Power Paint Grinding Machine .....

No. M-105. Three Hand Fire Extinguishers. Each 1.25

No. 3440. Two Cast Iron Filters with 1¼ in. pipe connections; 18 in. dia. x 2 ft. 8 in. high.....

No. M-103. One lot of Translucent Fiber Skylight, second hand; per square foot ..... .05

No. M-106. Eight Iron Fences, 18 in. high over all, made of ½ in. rods 5½ in. apart, 9 ft. 6 in. long.....

No. M-107. Two Cast Iron Corner Feed Boxes. Each ..... .75

No. M-108. Thirty-five ft. of Fencing in three pieces, one piece 12 ft. 9 in., two pieces 10 ft., with two cast iron posts, made of iron rods set apart, lower half 4 in., upper half 8 in. Sketch on application.....

No. M-109. Ten pieces Wrought Iron Fencing, 30 in. high, 7 ft. 4 in. long. Pencil sketch sent on application .....

No. M-110. One genuine Dickey Fanning Mill, No. 2; slightly used but in good condition 7.00

No. 3156. One Second Hand Power Forge, 30x42, without blower.... 7.50

No. M-158. Fifty Wheelbarrow Wheels, 16 in. dia., with ½ in. axle. Each .40

GOVERNORS.

No. M-112.

10	¾	in. Second Hand Governors
15	1	in. Second Hand Governors
18	1¼	in. Second Hand Governors
25	1½	in. Second Hand Governors
20	2	in. Second Hand Governors
15	2½	in. Second Hand Governors
6	3	in. Second Hand Governors
7	4	in. Second Hand Governors
4	6	in. Second Hand Governors
4	7	in. Second Hand Governors

These Governors are all complete, thoroughly refitted and are practically as good as new. They are of the Gardner, Waters and other standard makes.

No. 3056. One 2½ in. Gardner Governor, two 3 in. Gardner Governors.....

No. M-112. Plate Girders from 30 to 44 ft. .....

5-36 in.
3-60 in.
1-42 in.
2-22 in.
1-24 in.

Write for specifications and blue prints.

No. M-113. Eleven ornamental, circular top, Wrought Iron Window Guards, 44 in. wide, 10 ft. 2 in. over all, 11 rods 4 in. apart, made of ⅞ in. rods .....

No. 3231. One Saw Gummer; will take in up to 8 in. dia.....

No. M-114. Two Manger Guards, 24x37. Each ..... .75

No. 3241. One Iron Gear with rack and piston for cider press..... 2.00

No. 3182. One Power Driven Feed Grinder, 8 in. hopper..... 5.00

No. 3363. 13 Wire Window Guards with frame, outside measurement 18 in. x 33 in. Each..... .45

No. 3064. One Vertical, Belt Driven Post Hammer with 70 lb. hammer, complete with driving pulley.....

No. 3177. One Hand Power Hack Saw.. 10.00

No. M-114. One Sturtevant Hot Blast Apparatus, complete with 2,200 ft. 1 in. pipe. Write for specifications .....

No. M-3072. One Drop Hammer with die 5x10, drop 36 in.....

No. M-114. Lot of Horse Weights, ranging from 3 to 10 lbs., at, lb..... .02

No. M-115. One Cast Iron Hay Rack... 1.00

No. M-113. One Hand Power Wire Hay Baler; will make bales 18 in. x 48 in. 20.00

No. M-116. Lot of Wooden Wagon Hubs, all sizes, without irons. Each... .05

No. 3317. One Hub for segment pulley, with 6 in. bore.....

No. 3368. One Hand Power Sinclair Ironing Machine .....

No. 3124. One 1 ton Hydraulic Jack...

No. 3451. One No. 7 Reliance Low Water Alarm .....

No. 3120. One Lawn Mower..... 2.00

No. M-117. One 1 quart, double sight feed Nathan Locomotive Lubricator with double connection.....

No. M-118. Lot of Iron Ladders for smokestacks in lengths from 12 to 30 ft.....

MISCELLANEOUS

THREADED NUTS

Lot M. R. No. 13. 3,000 lbs. of Threaded Nuts, mixed; all kinds, mostly for ⅜ and ¼-inch bolts.

Price per lb.....4c

In lots of 25 lbs., per lb.....3c

LUDOWICI ROOFING TILE

Lot M.R. No. 2. In connection with the dismantling of jobs, we have three carloads of tile, gable, hip and other trimmings enough to complete about 300 squares of roofing. It is in very fair shape; some of it, of course, is slightly chipped.

Price and further information on application.

PIPE FITTINGS

Lot M.R. No. 3. 500 extra heavy, large size, high pressure pipe fittings, such as Ells, Crosses, Tees, Unions, Flanges and various other fittings. Send us a memorandum of your wants.

SPIRAL RIVETED PIPE.

M. R. No. 14. 5,000 feet 3 inch galvanized spiral riveted water pipe with telescoping ends, in 10 and 20 foot lengths. Is in first class condition and suitable for pressure up to 75 lbs. Useful for vent pipe, water pipe, etc.

Price, per foot.....4c

CONDUCTOR PIPE

M. R. No. 15. 500 feet of corrugated square conductor pipe, 2x3 inches, in 10 foot lengths. Is shopworn but in good condition. Price, per foot.....4c

M. R. No. 16. 250 feet of corrugated square conductor pipe, 3x5 inches, in 10 foot lengths. Is shopworn but in good condition. Price, per foot.....5c

M. R. No. 17. 200 feet of corrugated square conductor pipe, 3x6 inches, in 10 foot lengths. Is shopworn but in good condition. Price, per foot.....6c

M. R. No. 18. 2,000 feet of 6 inch corrugated galvanized conductor pipe, from the World's Fair, in 10 foot lengths. Price, per foot.....7c

M. R. No. 19. 50,000 feet of 4 inch corrugated galvanized conductor pipe from the World's Fair, in 10 foot lengths. Price, per foot.....4c

M. R. No. 20. 60,000 feet of 5 inch corrugated galvanized conductor pipe from the World's Fair, in 10 foot lengths. Price, per foot.....5c

PIPE COILS

Lot M.R. No. 8. 25 coils of various sizes, usually made of one-inch pipe and in fair condition. Full list on application.

DAMAGED ROOFING PAPER

Lot M.R. No. 7. 1,000 rolls of Slater's Roofing Felt in bad shape. Some of the rolls are slightly sticky, and the ends more or less bruised. Will be suitable for lining purposes.

Price per roll, containing about 500 square feet, 35c

SOFT RUBBER

Lot M.R. No. 9. 150 pieces of square Rubber Bricks or Pads, suitable for springs, etc. Sizes about 4x4x8 in. long. Per lb.....25c

PACKING

Lot M.R. No. 10. 5,000 lbs. of large size square braided flax packing and round rubber cord packing for high pressure work. Size: 1 inch and larger. Per lb., 4c

OFFICE FIXTURES

At our St. Louis headquarters we have a handsome set of office fixtures. This office was known during the Exposition as the "Express Office." It consists of a beautiful well seasoned hardwood set of fixtures, which would be most suitable for a bank or general office. We will send photo and full description on application.

PADLOCK KEYS

Lot M.R. No. 12. 250 gross assorted Padlock Keys, put up 1 gross in a package, all kinds. Bought from manufacturers who discontinued the business. All kinds of an assortment. Per gross.....50c

LIST OF VAULT DOORS

One vault door; width of door, 30 inch; height, 78 inch; width of frame, 40 inch; height of frame, 84 inch. Is fitted with ¼-inch cross bolts. The door is ¾-inch thick, dove-tail, thus making it impossible to pry same open. It is also fitted with 5-tumbler combination lock and automatic handle. On the outside of door, there is a lever which operates the bolt, thus locking the door without making it necessary to operate the combination lock. Has steel lined vestibule 27 inch deep, with inner steel doors, which are fitted with combination lock and handle. The locks of the door are in first class condition in every way. The outer door is trimmed with nickel plated hinged tips and heavy moulding goes around the entire frame, which makes a very handsome appearance. The vault door will weigh approximately 4,000 lbs. Price.....$250.00

One No. 108 Brand new vault door, manufactured by the National Safe & Lock Co. Opening in wall 75 inch high, 28 inch wide and 16 inch deep, including plaster. Outer door is constructed of 2-16 inch Bessemer steel, stiffened on all edges with 1¾x1¾x3-16 inch angle frame, which is also used to support the bolt work, and across the center by a 5x¼-inch panel bar. Bolt work is guarded by a Yale & Towne combination lock. Inside doors are made of No. 14 steel, paneled on all edges by 2x3-16-inch bars and across the center with 4x3-16-inch bars. These inside doors have flat up and down bolts checked by key-lock. Price.....$55.00

One No. 110 modern fire-proof vault door, designed to fit opening in vault wall 79 inch high, 32 inch wide and 21 inch deep, including plaster. Opening in door-way, 76 inch high; 28 inch wide. Outer door plate, 3-16 inch thick; single bolt frame, 1¾x1¾x3-16 inch. Two cross bolts, one up and one down, ⅞-inch in dia., cold drawn steel, 3x¼-inch carrying bar, 5x¼-inch lock rail, four tumbler 026 Combination lock on outside door. 3½x3-16 inch front jamb bars. ¼x1¼inch intermediate bars. 3-16 inch x 1¾x1¾-inch vestibule angle frame. No. 16 sheet iron vestibule plates; 3½x3-16-inch back jamb bars. No. 14 sheet steel double inside doors, paneled on all edges with 3-16x2-inch panel bars, with 4x3-16-inch lock rail across the center. Flat key-lock and duplicate steel keys, and flat up and down bolts on right hand door. Two steel pin hinges each on the inside door and two pin hinges each on the outside door. The flanges in rear of vestibule will be removable so that the vault can be placed in position after the wall is built. Handles, dial, hinge tips, round bolts and carrying bars, heavily nickel plated or copper oxydized. Doors painted inside and outside in first class manner und workmanship. Vestibule painted inside and outside. Price.....$60.00

One No. A10. One lot of brand new vault doors, inside clearance 28x74 inch, made to fit an 18 inch wall. Opening in wall to receive vault 32x77 inch. Approximate weight 700 lbs. The door of this vault is hung on three strong hinges and fitted with a 2x¼-inch angle around the entire edge, the door plate being made of No. 10 gauge round steel and securely locked with a Yale Combination lock. The inner doors are made double and fitted with batten bars, having up and down bolt work, securely locked with flat key-lock. The rear flanges are so made that they can be unscrewed, the vault placed in position, leveled, fitted and tried so that the bolt work and locks work perfectly, then all the crevices can be filled up and cemented, the rear flange screwed back and the vault be ready for use. By making the flange on the rear of the vault in this manner, the building can be completed, vault can be handsomely decorated and all parts nickel plated and placed in position without being marred. Price....$57.50

We have the following doors in stock, which are in good condition and suitable for papers, etc. These doors have no combination lock, but are in fair condition.

2 vault doors, outside measurements:—81 inch high, 36-inch wide; height of door, 77 inch; width of door, 28 inch; depth of vestibule, 24 inch. Has double steel doors and a lever latch on the outside door. Price, each, $35.00

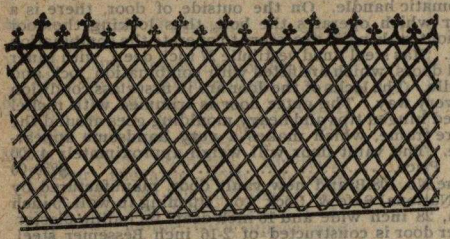
One vault door, outside measurements:—77 inch high; width, 37 inch; height of door, 72 inch; width of door, 26 inch; depth of vestibule, 16 inch. Has no inside doors. Price.....$25.00

Two vault doors, outside measurements:—84 inch high; 39 inch wide; height of door, 78 inch; width of door, 31 inch; depth of vestibule, 24 inch. Double inner steel doors; outer door has a heavy ornamental iron moulding and lever latch. Price, each.....$37.50

One vault door, outside measurements:—72 inch high; 38 inch wide; height of door, 56 inch; width of door, 26 inch; depth of vestibule, 18 inch. Has double inner steel doors with key-lock; heavy ornamental door and heavy hinges. The outer door has lever latch. Price.....$35.00

MISCELLANEOUS.

WIRE GUARDS.



No. M12. 1,000 wire guards in all sizes, including also doors with hinges and guard with hand opening.
Price, per square foot **$0.25**

STREET CAR FENDERS.

No. M13. Four brand new street car fenders. Were purchased for street cars at the St. Louis Exposition; have never been used. Price on application.

TWINE.

No. M15. One carload of damaged twine from underwriters' sale. It is put in bales, but is not guaranteed, as it has been wet and is more or less damaged in the center. It is sold as is; is in lots of 100 lbs. or more at a time.
Price, per lb. **$0.04**

SPRINKLING WAGON.

No. 060. 6 Studebaker Sprinkling Wagons, used at the World's Fair, St. Louis. They are two-wheeled push-carts, with 50-gallon tanks. Wheels, 48-inch diameter, 1¼-inch tires. Can be used at circuses, fairs, farms, lawns, etc., etc.
Price ..... each, **$25.00**

IRON FENCE.

It came from the World's Fair.
Two miles of fancy Wrought Iron Fence, hand made. Some of it came from the imperial German Building. Some was made in Brazil. It is in 3 different heights.
Send for list, advising your needs and we will send sketch and low quotations.

SIEVES.

No. M17. Four 18" sieves.
Price, each **$0.15**

MOLE TIRE SHRINKERS.

No. M66. Size of bed 2¼"; weighs about 125 lbs.; adapted to general custom work; without anti-kinking device.
Price **$5.00**

No. M67. Size of bed is 3"; weighs about 200 lbs.; generally recommended for light and medium work.
Price, without anti-kinking device **$7.25**
With anti-kinking device **$7.75**

No. M68. Size of bed 4"; weighs about 285 lbs. Will shrink all sizes, including heavy wagon and truck tires.
Price, without anti-kinking device **$9.00**
With anti-kinking device **$9.75**

TIRE BENDERS.

These are geared tire benders, with rollers on steel shaft.

No. M69. Bend tires up to and including 3¼"; weighs 90 lbs. Price **$4.25**

No. M70. Bend tires up to and including 6"; weighs 120 lbs.
Price **$5.25**

TURNSTILES.

No. M36. 100 H. B. Bright exit iron turnstiles; 4 arms; racket can be arranged to work either way.
Price, each **$12.00**

WOODEN SWING.

No. M49. One 4-passenger wood swing.
Price **$5.00**

SMOKE STACK PLATES.

No. M50. 5 carloads of heavy smoke stack plates; size 5'x16½"; 3/16" and ¼" thick; punched and good as new for further service. Write for price.

STEEL CEILING.

No. M52. 200 squares of fancy pressed stamped steel ceiling; size of plates 24x24"; in good condition; edges have nail holes.
Price, per square **$2.50**

WOOD COLUMNS.

No. M53. 50 wood columns, made of 14" diameter, length 9'; fancy cap and base.
Price, each **$3.50**

ROAD PLOWS.

No. M54. 2 Bucher & Gibbs road plows with 36" blade.
Price, each **$10.00**

SQUARE TROUGH.

No. M55. 1 galvanized square trough, 6" deep, 24" wide and 5' long.
Price **$1.00**

CHECK VALVES.

No. M56. 3 large check valves, 36" vertical check valves; in first-class condition; were used temporarily at the St. Louis Exposition; good as new for further service. Price on application.

STEEL SHEARS.

No. M57. 2 pair steel shears; size of blade 7"; length 26".
Price, per pair **$1.00**

CROSSCUT SAWS.

No. M58. 100 fine steel crosscut saws, Emerson make; teeth on both sides; lance tooth; length 5'.
Price, each **75c**
Length 6'. Price, each **90c**

SPADING FORKS.

No. M59. 1 dozen "D" handles spading forks, 4 tine; second hand, in good condition.
Price, each **25c**

TUYERE IRON.

No. M63. Single Duck's Nest Pattern. weighs about 12 lbs.
Price, each **35c**

No. M64. Norton's patent tuyere iron, from which the cinders and ashes may be removed by drawing out the small rod which opens the slide and levers, and spring can be changed immediately for either right or left hand uses. The blast is regulated by turning the large rod; weighs about 28 lbs.
Price **15c**

No. M65. Warren's Patent Tuyere iron. The ashes and cinders are removed by opening the bottom valve. The blast is regulated by revolving the ball, which has 3 unequaled sides, weighs about 33 lbs.
Price **$1.75**

CALKING TOW.

No. M34. 2,000 lbs. of flax tow rope for calking purposes; size from ¾ to 1½".
Price, per lb. **2½c**

READ EACH ITEM CAREFULLY—THEY ARE MONEY SAVERS.

MISCELLANEOUS.

VAULT DOORS.

We will thoroughly overhaul any of the following doors, bringing them down to a smooth finish and painting them in one color, not striping or lettering. The bright parts will be replated and the doors made very attractive. All of the following doors are strictly fire-proof and in good condition.

We have just removed from the temporary postoffice in this city the following vault doors, which were installed about seven years ago. They were put in especially for the Government. All doors manufactured by Geo. L. Damon, Boston, Mass. The doors are as follows:

No. M71. Five doors, width of door 33", height of door 82", thickness of door 3½". Each door has four 1½" horizontal bolts, two 1½" vertical bolts; heavy single inside doors with key lock. Outer door is fitted with combination lock; heavily molded frame, width of frame 54", height of frame 96"; steel clad vestibule 14" deep.

No. M72. One vault door, width of door 37", height of door 75", 4" thick; width of frame 58", height 96". The outer door is fitted with a double combination lock, that is, there are two combination locks on the door. The inner door is much heavier than the outer door of an ordinary vault. Both the inner and outer doors are fitted with four 1½" horizontal lock bolts and four 1½" vertical lock bolts. Inner door has also double combination lock steel clad vestibule 21" deep.

No. M73. One vault door, width of door 33", height of door 80", thickness ⅞"; width of frame, 45"; height of frame, 84"; steel clad vestibule, 14" deep; heavy single inner door, key lock, outer door has four 1" horizontal bolts and combination lock.

VAULT LININGS.

The postoffice vaults had a steel lining. The size of the linings are as follows:

No. M74. One room 6' wide, 8' long and 9' high, steel plates on four sides, floor and ceiling.

No. M75. One room 13' 6" wide, 10' long and 9' high, steel plates floor, sides and ceiling.

No. M76. Two rooms 40" wide, 80" long by 8½' high, steel plates on floor, sides and ceiling. Prices on the steel linings on application.

SPIRAL RIVETED PIPE.

No. M27. 1,750 feet of 10-inch spiral riveted new pipe, made of No. 16 iron, Asphalt inside and out, in 9-ft. lengths with flanges. Price, per foot **$0.35**

No. M28. 1,750 feet of 10-inch spiral riveted new pipe, made of No. 16 iron, Asphalt inside and out, in 9-ft. lengths with slip joints.
Price, per foot **$0.35**

WROUGHT IRON PIPE.

No. M29. 300 ft. of 16" wrought iron lap welded pipe, ⅜" thick with threaded ends and screwed couplings.

No. M30. 10 lengths of spiral riveted pipe 36", ¼" thick.

No. M31. 8 lengths of spiral riveted pipe, 42", ¼" thick.

CAST IRON PIPE.

No. M32. 26" cast iron pipe; 5-9' lengths of flanged cast iron pipe; standard weight.

No. M33. Large soil pipe. 250 lengths of 6, 8 and 10" cast iron soil pipe.
Price on application.

PIPE MACHINE.

No. M35. One Eaton, Cole & Burnham 2½ to 8" pipe machine, all complete with dies; overhauled and in good condition.

CAR SEALS.

No. M62. 10,000 car seals; Tyden Patent. Price, per dozen **10c**

GONG BELLS.

No. M23. 6 regular Fire Department gong bells with weight attachment; diameter of gong 12"; attached to hardwood board. Price, each **$4.00**

No. M24. One electric gong; diameter 12". Price **$2.00**

No. M25. One electric gong; diameter 10". Price **$1.50**

No. M26. One pull gong; diameter 10". Price **$1.50**

HOT AIR FURNACES.

No. M77. For heating Churches, Halls, etc., that are only used occasionally.

In connection with our dismantling of the St. Louis Exposition, we came into possession of a number of first-class Furnaces that have seen very little service. They were installed in some of the Buildings in the Exposition, and were fired up perhaps twenty or twenty-five times. Four of these furnaces are the Front Rank Steel Furnace, manufactured in St. Louis. These four furnaces are the No. 60 Furnace, and are complete with the fire lining, grate bars, shakers, fire and ash door and check door, frame and the casing. The diameter of the casing is 60"; diameter of the drum 32"; diameter of fire pot 29"; diameter of the extra radiators inside the casing 15"; diameter of smoke pipe 10"; height of the drum 60". Height of the furnace over all, that is to the top of the casing 71". Heating capacity 50,000 to 75,000 cubic feet. The grate bars in these furnaces are a special feature, very heavy, cast triangular, with air spaces between. These Furnaces consist of main drum and the fire chambers, all products of combustion going up in this drum and from there entering two large radiators at the back, which are 15" in diameter, carried down almost to the bottom of the casing where connection is made with the smoke pipe. This forces the products of combustion to travel a long ways inside the casing, giving a greater radiating capacity so that these furnaces embody correct principles. These have double belt casing around the fire jacket, insuring greater protection against the loss of heat in the cellar. They are made with a water pan set in the side and one or two of them have been drilled for the insertion of a water coil.

The manufacturer's price to the dealer on this furnace would be $100.00, and we are offering them at a special **price.**
Each **$50.00**

No. M78. This one with a heating capacity of 20,000 cubic feet of house space. It was made by the Excelsior Steel Furnace Co., and was used in one of the World's Fair Buildings at the St. Louis Exposition. We will furnish this complete for **$35.00**
Now this price does not include the stack nor the conductor pipe up through the wall of your house, nothing except the furnace and the outside casing.

These furnaces have been carefully taken down, and are in first class condition.

WIRE ROPE.

No. M14. We have upwards of 5,000 feet of ⅝" used wire rope in stock; six strands, 19 wires to the strand, with a hemp center. This wire is not good enough to be used for hoisting purposes, but would make serviceable wire rope for many other uses. We sell it just as it comes; lengths ranging from 200 to 300 feet. We can splice to make any desired length.
Price, per foot **$0.02½**

MISCELLANEOUS

MIXED BOLTS, ETC.

No. MR21. 6,000 pounds Mixed Bolts, Rivets, Lag Screws, Wood Screws, Stove Bolts, Carriage Bolts, and all kinds of Bolts and other Screws mixed together. These came to us in this way from the manufacturer and we did not separate them. They are mostly in small sizes about ¼ inch, and from 2 to 4 inches long.
Price.....per pound, **$0.03**

HAY CARRIERS

No. MR22. One 4-tine Grapple Fork.
Price.....**$3.00**
One Hay Carrier. Price..... **2.50**

SCHOOL BELL

No. MR23. One cast steel School or Fire Bell; 18 inches diameter and complete.
Price.....**$6.00**

GATES

No. MR24. One pair of iron Lawn Gates, 30 inches high, each Gate 6 feet long, with heavy iron frame around; built of fancy 2x2 mesh strongly constructed and in first-class condition. Complete with hangers.
Price.....per pair, **$10.00**

ELEVATOR WEIGHTS

No. MR25. Fifty Elevator weights with staple for hanging; weights ranging from 50 to 200 pounds; cast iron.
Price.....per pound, **$0.01¼**

SWAGE BLOCKS

No. MR26. Six Blacksmith's Swage Blocks in various sizes; in first-class condition.
Price.....per pound, **$0.02**

TINNERS' FURNACES

No. MR27. Three new Tinner's Charcoal Furnaces; all complete.
Price.....each, **$4.00**

POTATO MASHER

No. MR28. One Hotel Potato Masher, 9 inches diameter, 12 inches high; in fair condition.
Price.....**$3.00**

CAR SEALS

No. MR29. 5,000 pounds lead Car Seals.
Price.....per pound, **$0.10**

TEE RAIL

No. MR30. 500 feet of steel Tee Rail, 1½x¾ inches; length 8 feet, with small hooks riveted 23 inches apart. These hooks are 3 inches high.
Price.....per foot, **$0.04**

TOOL BOX

No. MR31. One Farrier's Wooden Tool Box on runners.
Price.....**$2.00**

OIL CANS

No. MR32. Three copper Oil Cans, complete with handle; 4½ inches diameter, 8 inches high, with 9-inch spout; in good condition.
Price.....each,

No. MR33. One brass Oil Can with handle and pump, 4 inches diameter, 6 inches high, with 18-inch spout.
Price.....

No. MR34. Twenty Aluminum Oil Cans, 3½ inches diameter with removable spout.
Price.....each,

BUTTS

No. MR35. 5,000 rusty second-hand loose Pin Butts, mostly 4½ inches and larger sizes.
Price.....per pair, **$0.05**
" .....per dozen " **.40**

No. MR36. 200 rusty second-hand loose Joint Butts, mostly 4½ inches and larger sizes.
Price.....per pair, **$0.03**
" .....per dozen " **.35**

SCREWS

No. MR37. 5,000 pounds rusty Wood Screws, all kinds mixed.
Price.....per pound, **$0.04**

PICKS

No. MR38. Four dozen Prospector's Picks, cast steel, handled, all complete and brand new.
Price.....each, **$0.50**
" .....per dozen, **5.00**

PIPE DIES

No. MR39. 150 second-hand Pipe Dies, all sizes.
Price.....each, **$0.25**

OAK HANDLES

No. MR40. 100 Oak Handles for lever jacks.
Small sizes.....each, **$0.25**
Large " ..... " **.50**

SHIP AUGERS

No. MR41. One lot of second-hand Augers, all kinds mixed.
Price, as they come.....each, **$0.25**

FILES

No. MR42. 1,000 pounds second-hand Files, mixed, not guaranteed.
Price.....per pound, **$0.03**

BROAD HATCHETS

No. MR43. Twenty-five second-hand Broad Hatchets; edges in fair condition.
Price.....each, **$0.30**

BROILERS

No. MR44. Six Broilers intended for use with gas stoves; made of heavy tin, complete with malleable iron handle. Size of Broiler 9x11 inches.
Price.....each, **$0.25**

ODDS AND ENDS

No. MR45. Three Steak Tenderers.
Price.....each, **$0.05**

No. MR46. Six wooden Potato Mashers.
Price.....each, **$0.05**

No. MR47. Six Rolling Pins.
Price.....each, **$0.05**

DOOR KEYS

No. MR48. 150 pounds steel Door Keys, mixed all kinds.
Price.....per pound, **$0.05**

ESCUTCHEONS

No. MR49. 2,000 pounds assorted Door Escutcheons, long shape, bronze iron.
Price.....per pound assorted, **$0.05**

No. MR50. 250 pounds Door Strikes, all kinds assorted.
Price.....per pound, **$0.10**

No. MR51. 500 pounds sliding door Escutcheons, bronze iron, fancy design, all kinds.
Price.....each, **$0.05**

JACKS

No. MR52. One 4-ton Dudgen Jack, in first-class condition.
Price.....**$8.00**

HITCHING POSTS

No. MR53. One fancy cast iron Hitching Post; diameter of base 9 inches; height 42 inches, with ring on top.
Price.....**$5.00**

VASES

No. MR54. Two cast iron Vase Stands, diameter of base 15 inches, diameter of column 5 inches, height over all 39 inches. Has square top 10x10 inches, with four bolt holes.
Price.....each, **$6.00**

BUGGY JACKS

No. MR55. Fifty wooden Buggy Jacks, in good condition.
Price.....each, **$0.25**

DRILLS

No. MR56. Twenty-five wooden Contractor's Drills complete with augers.
Price.....each, **$1.00**

TACKS

No. MR57. Five barrels 6, 8 and 10-ounce Tacks.
Price.....per pound, **$0.05**

WOOD SCREWS

No. MR58. 500 gross bright Wood Screws in cases containing about 25 gross; one size only to a case. Sizes as follows: 3x18, 3½x18, 3x14.
Price.....per pound, **$0.10**

BINDER TWINE

No. MR59. 1,000 pounds Manila Binder Twine, in bad condition. The balls have become wet and we sell it without guarantee.
Price.....per pound, **$0.05**

WRAPPING TWINE

No. MR60. 10,000 pounds Wrapping Twine, all kinds, in balls. Some of it more or less damaged. We sell it without guarantee. Is in various weight balls.
Price.....per pound, **$0.05**

No. MR61. 2,000 pounds Wrapping Twine, loose, not in balls; in fair condition only.
Price.....per pound, **$0.04**

SHOEMAKERS' NAILS

No. MR62. 500 pounds mixed Shoemaker's Nails, mostly 5/8x15 inch.
Price.....per pound, **$0.03**

Read each item carefully—you will make money

MISCELLANEOUS—Continued

LATH YARN

No. MR63. 500 pounds Tarred Lath Yarn in fair condition. Price..... per pound, **$0.07**

LAG SCREWS

No. MR64. 10,000 pounds Lag Screws, one size in a case. New but some of them are rusty. Sizes as follows: ⅜x3½, ⅜x3, ⅜x4, ⅜x5. Price.....per pound, **$0.04**

NAILS.

No. MR65. 500 kegs of Nails, mixed all kinds; some wrought iron, some wire; in fair condition only. We sell them just as they are, 100 pounds to the keg. Price.....per keg, **$1.15**

WATER CARTS

No. MR66. Two Studebaker Water Carts from the World's Fair; man power, 4-foot wheels, 1¼-inch tires; capacity 50 gallon barrel; nicely painted and decorated. Price.....each, **$25.00**

LAWN FENCE

No. MR67. One roll of Pressed Steel Lawn Fence, 36 inches high, containing 30 feet. Price, for roll, **$1.00**

JACKS

No. MR68. Two 10-ton "Jenney" Jacks; in good condition. Price.....each, **$10.00**

PIPE STOCK

No. MR69. One No. 2 Eaton, Cole & Burnham second-hand Pipe Stock without dies; Leader screw. Price.....**$6.00**

FIRE EXTINGUISHERS

No. MR70. One copper 3-gallon Still Alarm Fire Extinguisher. Price.....**$6.00**

PAINT MACHINE

No. MR71. One pneumatic "Boston" Whitewashing or Paint Machine, double acting; made by J. A. & W. Bird & Co. Size No. 6. Price.....**$10.00**

RIVETS

No. MR72. One lot of Copper Rivets and Burrs, all sizes mixed; new. Price.....per pound, **$0.16**

ESCUTCHEON PIN

No. MR73. 500 pounds Escutcheon Pins, brass, all kinds mixed. Price.....per pound, **$0.15**

COPYING PRESS

No. MR74. One Letter Copying Press, size 15x20. Base cracked. Price.....**$4.50**

FORGES

No. MR75. One second-hand portable Forge with hood; size of hearth 18 inches; similar to No. 3 Forge shown on page 15. Price.....**$4.50**

WIRE

No. MR76. One lot No. 11 Galvanized Wire, cut in rods of 5-inch length. Price.....per pound, **$0.02**

NAILS

No. MR77. 40 kegs of new Wire Finishing Nails. Sizes 7, 9, 10 and 12D. Price.....per keg, **$2.00**

RANGE BOILERS

No. MR78. 100 second-hand Galvanized Range Boilers, not guaranteed as to the test they will stand, which we offer as follows:

30 gallon	each,	**$4.00**
35 "	"	**4.50**
40 "	"	**5.50**
50 "	"	**6.50**
60 "	"	**7.00**

GAUGES

No. MR79. One set of Gauges on wooden shield, size of shield 15x24 inches; made by James P. Marsh & Co. One elevator pressure from 0 to 200 pounds; one steam boiler from 0 to 200 pounds; one feeding system from 0 to 30 pounds. Size of Gauges 6-inch. Price.....**$3.00**

KITCHEN SINKS

No. MR80. 250 glazed porcelain Kitchen Sinks, size 18x30, 20x30, 22x30 and other sizes. These are fitted with waste hole and rubber plug and are suitable for hog troughs or other purposes of this kind. The glazing is defective in spots. Price.....each, **$1.50**

BATH TUBS

No. MR81. 25 cast iron Bath Tubs, roll rim, without any enamel on the inside. They are painted two coats and suitable for water troughs and can also be used for bath tubs.

Price, 5 feet long	each,	**$6.00**
" 5½ " "	"	**7.00**

DESKS

No. MR82. 100 regular College Desks, without seats, complete with ink wells; top lifts up, big compartment for books, etc. Made of cherry, turned legs, extra strong, intended for boys about 14 to 18 years of age. They are worth $5.00 regularly and we will make you a price on them of **$1.50** for single Desks and **$1.65** for double.

HORSES

No. MR83. 250 Horses, used in hotels for supporting tables, also used in restaurants, banquet halls, etc. Price.....each, **$0.25**

MANTELS

No. MR84. 25 wood Mantels, various sizes. Prices as they come.....each, **$3.00**

No. MR85. 100 marble Mantel Tops, Italian marble. Second-hand but in fair condition. Various lengths. Price.....each, **$1.50**

BOILER TUBES

No. MR86. 2,000 feet second-hand Boiler Tubes, size 1¼-inch. Price.....per foot, **$0.04**

No. MR87. 500 feet 1½-inch second-hand Boiler Tubes. Price.....per foot, **$0.05**

CASING

No. MR88. 1,500 feet 6⅝-inch outside diameter wrought iron lap welded Casing, not threaded; suitable for columns or for conducting water where no connection is required. Price.....per foot, **$0.25**

CAST IRON PIPE

No. MR89. 700 feet 4-inch cast iron Flange Pipe, ¼ inch thick, 5-foot lengths; weight 45 pounds to the length. Price.....per foot, **$0.12**

FITTINGS

No. MR90. 5,000 pounds of miscellaneous black malleable iron Fittings, all kinds, which we sell only as they come in miscellaneous sizes. Are in good condition and came to us from the Exposition at St. Louis. Price.....per pound, **$0.04**

No. MR91. 5,000 pounds of miscellaneous galvanized Fittings, all kinds, which we sell only as they come in miscellaneous sizes. Are in good condition and came to us from the Exposition at St. Louis. Price.....per pound, **$0.05**

TIN PLATE

No. MR92. Five tons of Tin Plate in heavy weights, mostly 24-gauge; sheets mostly 14x20 and 20x28. In good condition. Price.....per pound, **$0.03¾**

No. MR93. 50,000 sheets of Tin Plate, size 24x24 inches; 30 gauge, new; suitable for many purposes. Price.....per pound, **$0.05**

DOOR ARCH

No. MR94. One mahogany Arch for door. Came out of a very large bank which we recently dismantled. Full description on application.

STEEL CEILING

No. MR95. 200 squares fancy pressed Steel Ceiling, No. 29 gauge; size of sheets 24x24; handsome design. Price.....per square, **$3.50**

COUPLINGS

No. MR96. 30,000 wrought iron Pipe Couplings, ½ inch. New but in fair condition.

Price.....each,	**$0.01½**
Per dozen	**.12**
" gross	**1.25**

Special price in large quantities.

NIPPLES

No. MR97. Long Screw Nipples, brand new, in good condition.

Size ¾x4 inches	each,	**$0.02**
" 1 x4½ "	"	**.03**
" 1¼x5 "	"	**.04**

No. MR98. 100 10-inch Pipe Couplings in good condition. 100 12-inch Pipe Couplings in good condition. Write for prices.

FITTINGS

No. MR99. 500 Pipe Saddles, tapped for 1 and 1¼-inch pipe, in the following sizes:

2½ inch	each,	**$0.25**
3 "	"	**.40**
3½ "	"	**.40**
4 "	"	**.50**
5 "	"	**.65**
6 "	"	**.80**

No. MR100. 250 extra heavy Return Bends, 1¼x5 inches. Price.....each, **$0.20**

No. MR101. 500 Service Ells. Size 2½x2 inches.....each, **$0.25**
Size 1½x2 inches..... " **.20**

No. MR102. 400 Service Keys, 1½ inch, each, **$0.04**
¾ inch..... " **.02**

No. MR103. 400 Hook Plates, ¾ inch with three hooks, each, **4c**; with four hooks, each, **5c**; with five hooks, each, **6c**; with six hooks, each, **7c**; with seven hooks, each, **8c**; with eight hooks, each, **9c**.

No. MR104. Eight Fireman's Axes from the St. Louis World's Fair; good as new. Weigh 10 pounds. Each.....**$1.00**

No. MR105. Thirty galvanized Sprinkling Cans, medium size, good condition. Each.....**$0.25**

BLOCKS.



GOOD SECOND-HAND ONES.

All kinds coming in. Write us for anything you want.

No. 3119. One 12 in. iron double block for cable up to 1 in., with bail and hook ..... $ 5.00

No. 3300. One wire rope single gin block, 12 in. sheave, will take 5/8 in. rope 5.00

No. 3301. One 14 in. wood shell triple tackle block, will take 1 3/8 in. rope 3.00

No. 3302. Two triple steel wire rope block, 14 in. sheave, will take 3/4 in. rope. Each 9.00

No. 3304. Two 12 in. triple steel tackle block, will take 1 1/2 in. rope 3.00

No. 3305. Same as No. 3304, but with becket 3.25

No. 3307. One steel wire rope block, 14 in. sheave, will take 3/4 and 7/8 in. rope 9.00

No. 3308. One triple wire rope block, 10 in. sheave 6.00

No. 3309. One 12 in. quadruple steel tackle block for 1 1/4 in. manilla rope, with heavy hook 5.00

No. 3379. One Yale & Towne 4 ton tackle block. .....

No. 3380. One 4 ton single hoisting block....

CULVERTS.



We are always in position to supply you anything in Steel or Iron Culverts. We offer the following special culverts for quick delivery:

No. M-59. 10 pieces 14 in. dia., 16 ft. long, made of 1/4 in. steel, weight 40 lbs. to the foot .....

8 pieces 14 in. dia., 12 ft. long, made of 1/4 in. steel, weight 40 lbs. to the foot. .....

8 pieces 20 in. dia., 16 ft. long, made of 1/4 in. steel, weight 65 lbs. to the foot.

8 to 16 ft. lengths, 30 in. dia., made of 1/4 in. steel, weight 95 lbs. to the foot. .....

8 to 16 ft. lengths, 36 in. dia., made of 3/8 in. steel, weight 165 lbs. to the foot. .....

12 to 16 ft. lengths, 42 in. dia., made of 3/8 in. steel, weight 180 lbs. to the foot. .....

12 to 16 ft. lengths, 48 in. dia., made of 3/8 in. steel, weight 225 lbs. to the foot. .....

12 to 16 ft. lengths, 54 in. dia., made of 3/8 in. steel, weight 250 lbs. to the foot. .....

12 to 16 ft. lengths, 60 in. dia., made of 3/8 in. steel, weight 265 lbs. to the foot. .....

14 to 18 ft. lengths, 66 in. dia., made of 3/8 in. steel, weight 290 lbs. to the foot. .....

14 to 20 ft. lengths, 72 in. dia., made of 3/8 in. steel, weight 325 lbs. to the foot. .....

Write for prices. We are constantly adding to this list.

500 pieces galvanized iron culvert pipe, riveted, 12 in. dia., each 5 ft. long. Per ft. ..... .25

WROUGHT IRON PIPE FLANGED.

SECOND-HAND.

No. A-52.

1 piece 17 in. pipe, flanged, 14 ft. .....
1 piece 17 in. pipe, flanged, 8 ft. .....
1 piece 17 in. pipe, flanged, 4 ft. 6 in. .....
1 piece 17 in. pipe, flanged, 6 ft. .....
1 piece 15 in. pipe, flanged, 6 ft. .....
1 piece 14 in. pipe, flanged, 4 ft. 6 in. .....
1 piece 14 in. pipe, flanged, 3 ft. 6 in. .....
1 piece 16 in. pipe, flanged, 3 ft. .....
1 piece 17 in. pipe, flanged, 2 ft. 8 in. .....
1 piece 14 in. pipe, flanged, 12 ft. 6 in. .....
1 piece 14 in. pipe, flanged, 14 ft. 6 in. .....

KETTLES.

No. M-119. One 28x24 iron steam jacketed kettle, complete with legs, good for 100 lbs. pressure. 25.00

No. 3539. One cast iron kettle, 42 in. dia., 25 in. deep, with bosses for lugs. Per lb. ..... .02 1/2

No. 3437. One cast iron warming kettle, 26x19x15 in. deep, with lid and four legs .....

No. M-120. One iron stepladder, 18 ft. long, 18 in. wide 7.50

No. 3446. One iron ladder, 16 ft. 2.00

No. 2052. One steam pressure mixer, 48 in. dia., 4 ft. high, with three legs, shaft, bevel gears and pinion, two driving pulleys 12x2 1/2 .....

No. M-121. One Sprout, Waldron & Co. buhr stone mill; stones 24 in., driving pulley 24x12 .....

MACHINERY
OF EVERY KIND

A Few Facts About Our Wonderful Rebuilding Plant

Almost every kind of machine made passes through our hands. We are continually buying machinery of every description and design. It is an everyday occurrence for us to purchase a whole factory or power plant, and have it shipped entire to our machine and boiler shops. There begins the delicate and important task of rebuilding and restoring. For this work we employ an army of expert mechanics and technically trained engineers.

All our machinery is brought strictly up to date and perfected in every detail now known to mechanical ingenuity. Every missing, defective or worn feature is supplied brand new, and many new patented devices are adapted and added to machines, otherwise perfect, but of a previous date.

In our great establishment, over 25 acres in area, the most intricate and deviously constructed machinery is taken apart, renovated and improved, reassembled and sent out into the world again in perfect running order.

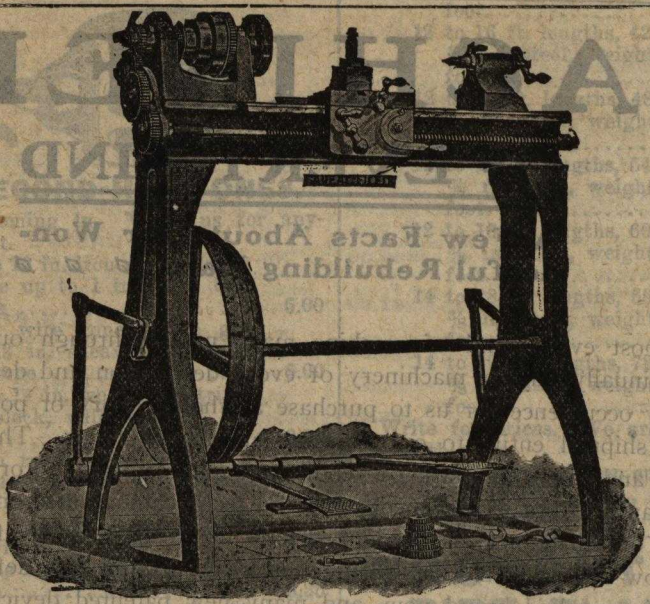
Write and tell us what you are looking for in the machinery line. Our constantly changing stock is exceedingly hard to classify and catalogue, but you will find direct correspondence with us about your special needs most satisfactory. We are confident we can supply just what you want, whether in steam, electrical, or compressed air. We can ship you a complete power plant of any description, for any purpose, and it will be perfect in every detail and in readiness to be installed.

Some of the Large Plants We Have Purchased

The complete boiler plant of Armour & Co., Union Stock Yards; the complete plant of the Marion Pulp Company, Marion, Ind.; the steam equipment of the Denver Street Railway Company, the Westinghouse equipment of the Allegheny County Light Company, of Pittsburg, Pa., and the power plants of all world's fairs of modern times. All these have been secured by us from time to time, have passed through the recreating process in our machine and boiler shops, and are now busily turning the wheels of industry in other fields. But we have other machinery just as good, obtained from just as reliable sources, on hand at the present moment, for your selection. Such deals of surpassing value and importance cannot but result in amazing advantages to the man looking for high class, up-to-date machinery at low prices. Give us an order and we guarantee satisfaction.

FOOT LATHES.

NO BACKING BELT! NO REVERSE SCREW NO DIAL TO WATCH.

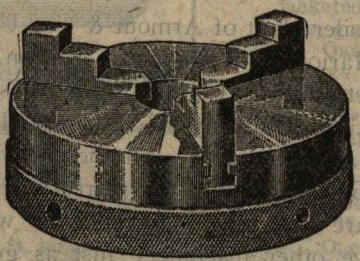


IMPROVED SCREW CUTTING, CATCHES ALL STANDARD THREADS, RIGHT OR LEFT HAND, WHILE THE LATHE IS IN MOTION.

Size, 9x25 inches.

We bought at a recent sale 50 of these improved modern foot lathes. It is a machine combining neatness of design and finish with such features as will enable a workman to do from the smallest to the heaviest boring and turning without the least tremble or chatter. It is specially adapted for jobbing and manufacturing shops, bicycle shops, gunsmiths, electricians, model makers, inventors, etc. Indexed to cut threads from 3 to 120 per inch, right or left hand. Swings 10 inches over bed and 26 inches between centers. Planed parts are scraped to a bearing. All screws and working parts are covered to keep off chips and dirt. Gearing are all cut from the solid, and are as true and noiseless as they can possibly be made. Rack and small gear are cut from steel. Has three-speed cone pulley and back gear, giving the lathe six different speeds. Head stock has hollow steel spindle with 13-32-inch opening its entire length. Bearings 1 3-16-inch diameter, 2¼ inches long, run in gun metal boxes, provision being made to take up wear. Tail stock has steel spindle, 1-inch diameter, reamed to No. 1 Morse taper, with self-discharging centers. It sets over for taper turning, and can be moved to any part of the bed by one-half turn of the cam. We furnish with each lathe a face plate, two centers, wrenches, and set of change gears. Weight, 350 pounds.

Prices on Application.

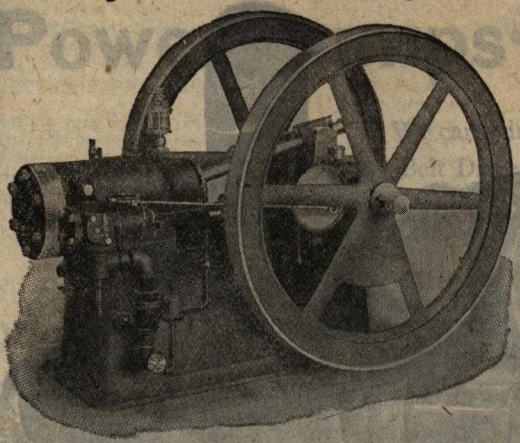


BRAND NEW LATHE CHUCKS.

Diameter inches.	Price with one set of jaws.	Price with two sets of jaws.
4	$4 85	$6 00
5	5 60	6 75

ASK US FOR ANYTHING YOU REQUIRE.

Strictly New Holliday Gas and Gasolene Engines



We are in position to offer some exceptional bargains in Strictly New Holliday Gas and Gasolene Engines. These engines are without exception the highest grade gas and gasolene engines made today. The method of using fuel in these engines makes them perfectly safe. When gasolene is used, the source of supply is located away from and below the base of the engine. The engine pumps the gasolene as required into a small reservoir located near the generator valve, the surplus returning to the supply tank. The gasolene, after being mixed with air, passes through two valves into the cylinder of the engine. These valves close after admitting the mixture, thus cutting off the supply until required.

When gas is used the operation is similar except that no pumping is required. The spark that ignites the charge is produced inside of the cylinder of the engine, consequently there is no danger of fire as there is no flame exposed. The governor is very simple and sensitive. It is located on the side of the engine, below the secondary gear, entirely out of the way where it is easily accessible and where it will not get injured. When the full capacity of the engine is not required the governor locks open the exhaust valve and at the same time the admission valve remains closed. Thus the engine runs free by its momentum and no fuel is used during this period. The speed can be regulated as desired by the adjustment of a thumb nut while the engine is running. The generator valve is located near the admission valve and admits the right proportion of gasolene or gas and air at the proper time. A shut-off valve prevents the admission of any gasolene or gas except when needed. Engine can be furnished with hot tube or spark igniter. Cylinder and parts subjected to heat are water-jacketed. The water jackets are readily accessible for cleaning in case this is necessary. Piston and cylinder are nicely fitted with a view to greatest efficiency. These are very important parts of a gas engine. Proper material and construction are very essential to their perfect working and durability. Crank shaft and connecting rod are made of the best steel forgings nicely turned and polished. Main bearings for crank shaft are babbited and planed on both ends, insuring a perfect fit and making it impossible for the piston and connecting rod to get out of alignment. All bearings are easily adjusted and are constructed with a view to greatest durability. They are properly lubricated by automatic oilers. The finish is smooth and suitable giving the engine a neat and attractive appearance. Every engine is thoroughly tested before leaving the shop. Speed, time of ignition, and compression are carefully adjusted. The rated horse power is developed and the engine is tried under various conditions to make sure that every part is in perfect working order. Our engines are adapted for the use of either gas or gasoline. As regularly equipped they are shipped for use with either as ordered. If desired we equip them for use with both gas and gasoline; that is, either fuel may be used.

For further particulars regarding detail, operation and installation we refer to our book of instructions for installing and operating these engines, and this we will be pleased to mail on application.

SPECIFICATIONS No. 12. Horizontal center crank. Nominally rated 5 H. P. Shipping weight 950 lbs. Fly wheel 31 inches diameter by 3 inch face, extra heavy rim. Driving pulley 8 inch diameter by 6 inch face Complete with muffler, igniter, trap, and all necessary oil and grease cups. Write for Special Price.

Holliday Marine Gasolene Engines.

Holliday Marine Motors are built on the four cycle principle, having a positive feed and discharge, consequently easily started and steady in motion. They are built to be durable and have the necessary material to stand wear and tear. They do not belong to the class of motors that are rated with large horse power and have to be run at a highly impracticable speed to develop anywhere near the power rated. The construction is consistent for most efficient use.

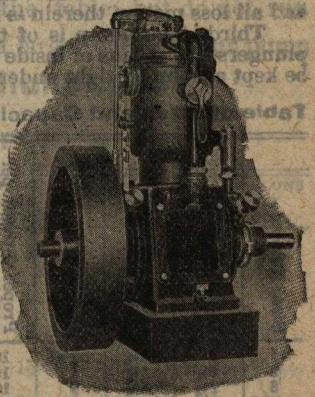
All parts are made of the very best material, accurately fitted and easy of access. It is not necessary to take the motor to pieces to get at some one part.

Main bearings are phosphor-bronze and are extra long, insuring greatest durability. Main shaft is fitted with ball thrust bearings, and other parts are so constructed that friction is reduced to a minimum.

The crank revolves in a bath of oil which lubricates the cylinder, main bearings and both ends of connecting rod, thus keeping outide of engine and surroundings clean.

Spark may be advanced or retarded by a simple adjustment while the motor is running, causing fast or slow speed The sparker plug is in a protected position where it is easy of access and can be quickly removed for inspection.

There is no delicate mechanism to get out of order.

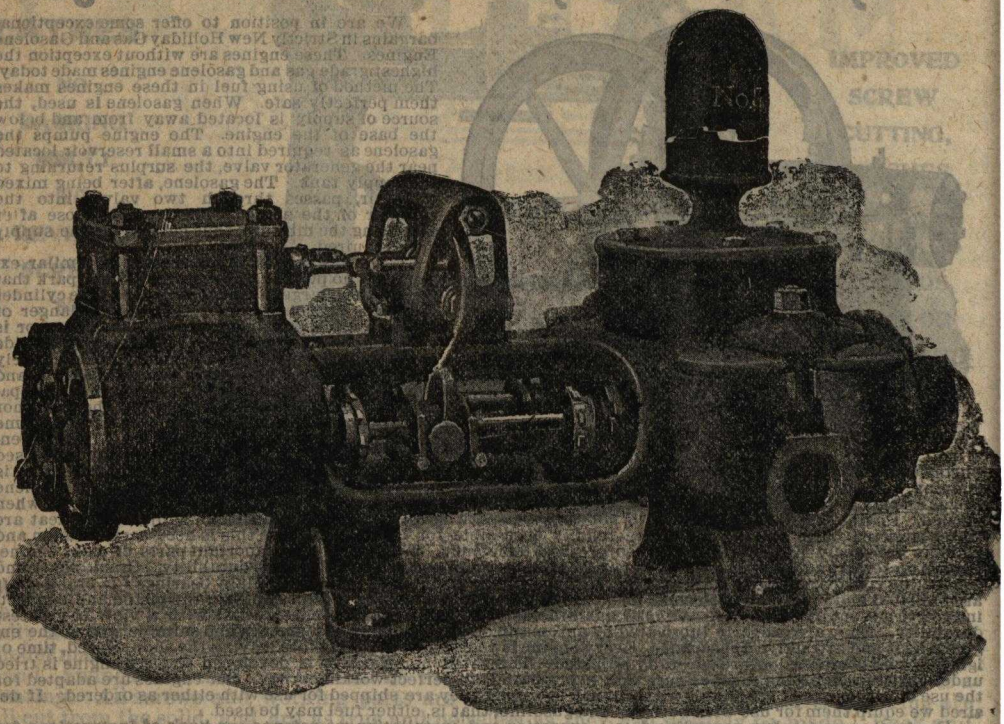


No.	H. P	Type.	Speed.	Weight
132	2	1 Cylinder	500	225
135	3	1 "	450	290
136	6	1 "	400	595
137	7	2 "	450	490
142	12	2 "	400	850
148	18	3 "	400	1050

We can furnish with the Marine engines quoted above, the propeller wheel with shaft, outboard bearing, stuffing box and reverse lever, with bronze or cast iron propeller. The propeller has two blades. It is either 18 or 20 inch diameter. Write for special prices.

All these outfits are strictly new and perfect.

DUPLEX STEAM PUMPS—BRAND NEW.



FULLY GUARANTEED. PERFECT IN EVERY WAY.

Some advantages of these steam pumps may be briefly stated as follows:

First—The suction valves are placed in small "pockets" or chambers at the side of pump cylinders, and are instantly accessible without disturbing the discharge valves or any other parts.

Second—The lever movement is adjustable to wear by means of hardened cone bearings, and all loss motion therein is readily obviated.

Third—The pump is of the inside plunger design, and, unlike other plunger pumps, the plungers—by means of inside stuffing boxes—are packed with soft, fibrous packing which can be kept absolutely tight under the most severe conditions of service.

Table of Sizes and Capacities as Used for Boiler Feeding and all General Services.

Size, Number.	Diameter Steam Cylinders.	Diameter Water Plungers.	Length of stroke.	Proper Stroke per Minute Ordinarily for Various Kinds of Work and Changing Pressure.	Gallons Delivered per Minute by Both Plungers at Stated Number of Strokes.	Diameter of Plunger required in any Single Cylinder. Pumps to do same work at same speed.	Average Horse-Power Boiler Pump will Supply Handling Hot Water. For Cold Water add 50 per cent to these capacities.	Suction Pipe.	Discharge Pipe.
1	2	1⅛	1¾	100 to 400	1¾ to 5	1¾	10	1¼	1¼
2	2¾	1¾	3	100 to 250	2¾ to 7	1¾	15	1¼	1¼
3	3¼	1¾	3	100 to 200	3¾ to 11	2¾	20	1½	1
4	3½	2¼	4	100 to 200	12 to 21	3¼	35	1½	1¼
5	4½	2¾	4½	100 to 200	22 to 44	4	55	2	1½
7	4½	3	5	100 to 200	32 to 54	4½	110	2	1¾
8	5¾	3½	6	100 to 180	45 to 90	5	150	2½	2
9	6	4	6	80 to 150	58 to 102	5½	200	3	2½

PRICES ON APPLICATION.

Power Pumps--Belt Driven



We carry in stock these Brand New, perfect, up to-date Belt Driven or Power Pumps:

Simple, Strong and Serviceable, occupy little space. Easy to set up and keep in good working order.

The plungers are guided at both ends, and the power applied between bearings. The pin in the crank has a roller working on it within the slot, thus giving a smooth and easy motion. The slot does not wear, but wear comes on the pin and roller, and these are so made that they can be cheaply replaced. The pins are large and long, so that there is much service before any wear takes place. In fact, all the bearings on our pumps are made very large so as to reduce the wear to the least amount possible.

The pumps are furnished with heavy brass check valves, with large valve openings, and are very durable. The pumps can be run in either direction, and the valves can be arranged so as to pass the liquid through the cylinder as may be desired. We always send the valves with close nipples, to attach the valves to pump barrel. **Don't forget this.**

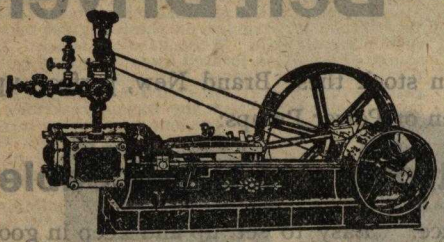
Where the lift from water to pump is ten feet or more it is best to use a foot valve on the end of suction pipe, when it can be used. These pumps can be run in either direction, and they can be run faster than given in the table; but do not run them too fast and try to make any pump do the work of a larger one. Your pump will do better work and last longer when **run at medium speed.**

SIZES AND PRICES OF PUMPS.

NO.	PISTON.	STROKE.	PIPES.	PULLEY.	POWER OF BOILER.	WEIGHT.	GALLONS PER HOUR.
1.....	1 inch	2 inch	⅜ inch	12x2	3	35 lbs.	18
2.....	1½ "	2½ "	⅜ "	14x2	5	45 "	30
3.....	1½ "	3 "	½ "	16x3	10	65 "	60
4.....	1½ "	3 "	¾ "	16x3	15	75 "	90
5.....	2 "	3 "	1 "	18x4	30	130 "	180
6.....	2½ "	3 "	1 "	18x4	45	170 "	270
7.....	2 "	6 "	1¼ "	22x4	60	200 "	360
8.....	2½ "	6 "	1½ "	14x4	80	300 "	[illegible]

Prices on Application.

ENGINES



Absolute satisfaction is guaranteed you. Every tiny detail in the repair of engines and other machinery is carefully guarded, and any equipment ordered from us will reach you in condition to satisfy you fully. Our repair shops are the most extensive in the west. Our main machine shop is a building 160 feet wide, nearly 600 feet long and 61 feet high.

Our machinists are men of experience and ability. The superintendent, who oversees all repairs, is prized by us because of his sterling merits and technical as well as practical knowledge of the machinery business.

We freely ask you to confer with us on any mechanical topic. We will be glad to answer all questions.

Our engines are shipped correctly and complete.

SKETCHES OR PHOTOGRAPHS ON APPLICATION.

SLIDE VALVE ENGINES—SIDE CRANK

No. X-8. One horizontal, side crank, 13x24 heavy box bed engine.....

No. 0111. One 6x12 horizontal, side crank, slide valve engine on wood frame 40.00

No. 206. One 20x30 slide valve engine, all complete .....

No. H-277. One horizontal, right hand, link motion, slide valve engine, heavy duty type, girder frame with cylinder 10x16, all complete .....

No. 292. One horizontal, side crank, slide valve engine, with cylinder 8x16.....

No. X-915. One 16x24, girder frame, heavy duty, slide valve engine, shaft 6 in. dia., crank pin 3¼ in. dia.....

No. X-1075. One horizontal, plain slide valve, girder "Cummer" engine, with cylinder 14x24, all complete.....

No. 1201. One 20½x38, heavy, box bed, side crank, slide valve engine with 8 in. shaft; crank pin 3 in.....

No. 2149. One 16x24 Fraser & Chalmers slide valve, right hand engine, all complete..

No. 2576. One horizontal, side crank, 13x24 slide valve engine.....

No. 2727. One 8x20 horizontal, side crank, slide valve engine.....

No. 3058. One 16x24 side crank, slide valve, heavy box bed engine.....

No. 3063. One 12x20 horizontal, side crank, slide valve engine.....

No. 3093. One 14x26 horizontal, side crank, slide valve engine, all complete.....

No. 3094. One 13x26 horizontal, side crank, engine, all complete.....

No. 3143. One horizontal, side crank, slide valve engine, with cylinder 12x24 heavy box bed, left hand type, with heavy balance wheel; any size driving pulley, with 3 in. steam and 4 in. exhaust.....

No. 3151. One heavy box bed, side crank, slide valve engine, with cylinder 15x26, heavy balance wheel, also driving pulley and complete with all fixtures and fittings .....

No. 3160. One horizontal, side crank, slide valve engine, with cylinder 8x10, with heavy band wheel and complete with all fixtures and fittings.....

No. 3179. One 16x24 Fraser & Chalmers slide valve engine, with heavy band wheel, and complete with all fixtures and fittings .....

No. 3191. One 10x20 horizontal, side crank, slide valve engine, with heavy balance wheel, any size driving pulley, and complete with all fixtures and fittings.....

No. 3201. One horizontal, right hand, Porter Hamilton, heavy duty, piston slide valve engine, manufactured by Wm. Todd & Co., Youngstown, Ohio, with cylinder 22 x27, heavy band wheel, and complete with all fixtures and fittings.....

No. 3226. One 6x6 horizontal, side crank, slide valve engine to attach to side of boiler. Complete with brackets.....

No. 3315. One 12x24 horizontal, side crank, heavy duty slide valve engine, all complete .....

No. 3316. One 10x16 horizontal, side crank, slide valve, left hand engine, all complete .....

No. 3318. One 8x14 horizontal, side crank, slide valve engine.....

No. 3321. One 8x16 side crank, slide valve engine .....

No. 3322. One horizontal, side crank, slide valve engine, right hand, box bed, with cylinder 9x16 .....

No. 3323. One horizontal, side crank, left hand, link motion, with cylinder 7x10...

No. 3342. One 9x14 side crank, slide valve engine .....

No. 3346. One 8x12 horizontal, side crank slide valve engine, with band wheel 52x 8; pulley 30x8, in first class condition.

No. 3347. One 12x24 horizontal, side crank engine .....

No. 3348. One extra heavy, box bed, slide valve engine, with cylinder 20x30, heavy rim balance wheel and any size pulley desired .....

No. 3373. One 7x10 side crank, slide valve engine to attach to boiler.....

No. 3419. One 8x12 heavy duty, horizontal, left hand, side crank, slide valve engine, girder frame.....

No. 3501. One 6x10 horizontal, side crank, slide valve engine to fit on boiler.....

Other Items Coming In Daily. Write Us Your Wants.

ENGINES—Continued

Slide Valve Engines
(Center Crank)

No. X-1063. One vertical, 2 H. P. "Rochester" engine without boiler, on cast iron frame .....

No. 2707. One 16x10 low pressure engine. Center crank, rocker valve.....

No. 3009. One vertical, center crank 4x5 engine, all complete.....

No. 3071. One 8x12 center crank "Tifft" engine .....

No. 3142. One vertical, center crank, low pressure engine with cylinder 5x5 designed for a steam pressure up to 10 lbs..... 15.00

No. 3145. 6x6 vertical, "Sturtevant" slide valve, center crank engine, extra heavy pattern, all complete.....

No. 3202. One 10x18 vertical, center crank, poppet valve engine, complete with all fixtures and fittings.....

No. 3320. One 12x10 horizontal, center crank, slide valve engine (low pressure).....

Automatic—Compound and Corliss Engines

No. X-5. One 13x12 New York safety horizontal, center crank, high speed automatic engine all complete.....

No. 0113. One Fitchburg, box bed automatic engine, manufactured by the Fitchburg Machine Co., with cylinder 13x34. Complete with all fixtures and fittings.....

No. 203. 1 3 cylinder vertical, center crank, Buffalo Forge Co.'s Automatic engine, cylinder 3x4 .....

No. 206. One box bed Fitchburg or Putnam engine, 13x34, all complete.....

No. 227. One 5 H. P. strictly brand new "Kimble" automatic engine.....

No. 235. One horizontal, high grade, automatic cut off engine with Nordberg governor. Size of cylinder 20 in. dia. x 40 in. stroke. Heavy balance wheel, with square rim 12 ft. dia. and driving pulley 8 ft. dia. x 35 in. face, but we will furnish any size driving pulley desired....

No. 857. One vertical, center crank, automatic balance valve "Climax" engine, with cylinder 5½x6 .....

No. X-884. One horizontal, center crank, self contained Armington & Sims automatic engine, with cylinder 15½x15. Complete with all fixtures and fittings.....

No. X-1088. One horizontal, center crank, automatic balance valve "Payne" engine, with cylinder 6x8; heavy balance wheel; any size driving pulley desired.....

No. 2004. One 5x5 vertical, center crank, "Sturtevant" automatic engine.....

No. 2415. Two 16x16 horizontal, center crank, automatic balance valve "Hendey" engines with cylinders 16x16, complete with all fixtures and fittings.....

No 2723. One 14½x13 horizontal, center crank, self contained Armington & Sims automatic engine. Complete with all fixtures and fittings.....

No. 2821. One horizontal, center crank, self contained, Armington & Sims automatic engine, with cylinder 15½x15. Complete with all fixtures and fittings.....

No. 2981. One vertical, center crank, "Payne" automatic engine with cylinder 9x9, belt pulley 48x10; governor pulley 48x10, all complete .....

No. 3050. One horizontal, left hand Wheelock Corliss engine, 22x48. Band wheel 14 ft. dia. x 30 in. face, all complete.....

No. 3090. One 8½x12 "Climax" engine, all complete .....

No. 3134. One 7x18 "Climax" center crank engine, all complete (new).....

No. 3135. One 7½x8 "Climax" engine, all complete .....

No. 3252. One horizontal, right hand, Fraser & Chalmers Corliss engine, with cylinder 30x60; band wheel 18 ft. dia. x 44 in. face in halves. Complete with all fixtures and fittings.....

No. 3314. One 16x24 "Atlas" automatic engine, all complete.....

No. 3324. One horizontal, side crank, "Rice" automatic engine, with cylinder 7x12, self contained, all complete.....

No. 3332. One 3 cylinder vertical, center crank, "Triumph" engine, rated 12 H. P..... 50.00

No. 3338. One horizontal, center crank, self contained Armington & Sims automatic engine. Size of cylinder 14½x13. It has two band wheels and is furnished with wrought iron main shaft, automatic shaft governor, throttle valve, automatic sight feed cylinder lubricator and all oil cups and trimmings.....

No. 3343. One 9x10 horizontal, center crank automatic balance valve "Ideal" engine .....

No. 3344. One horizontal, compound engine, with high pressure cylinder 3 in. dia. Low pressure cylinder 5 in. dia. x 8 in. stroke; self contained, side crank on frame; pulley 30x8½ and 12x5 —rated 8 H. P. at 125 lbs. steam .....

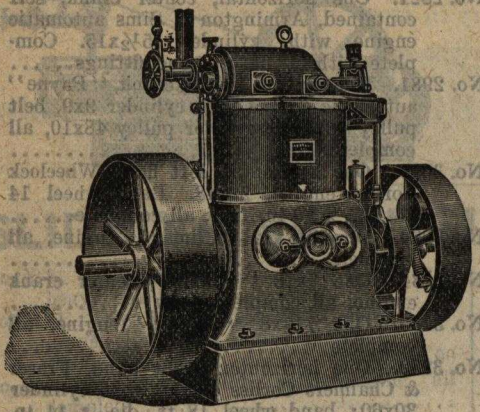
No. 3345 One 10x15 tangye bed, horizontal right hand, side crank Erie City automatic engine with heavy balance wheel and driving pulley.....

No. 3391. One horizontal, center crank, self contained Armington & Sims automatic engine with cylinder 10½x12, complete with all fixtures and fittings.....

No. 3418. One 13½x20¼x15 Armington & Sims cross compound engine.....

No. 3447. One horizontal, side crank, "Rice" automatic engine, with cylinder 16x16, complete with all fixtures and fittings..

WESTINGHOUSE ENGINES



We have recently made several large purchases of these engines. They are rebuilt completely and will be shipped practically as good as new.

One of our notable purchases was the Westinghouse plant of large engines from the Allegheny County Light Co., of Pittsburgh, Pa.

These engines are of the Standard Westinghouse type of compound engines and for fuel economy, close regulation and efficiency, they are equal to any engines on the market.

In our experience up to a limit of 500 H. P., there is no engine that will give as good results for hard service and requirements of the Modern Electric Light & Power Station, and we have no hesitancy in stating that the Westinghouse compound engine, running non-condensing, will deliver a horse power at the shaft for a smaller expenditure of steam than other non-condensing engine of any type whatever, running under similar conditions.

Its economy under light loads and variable loads is not even remotely approached by any other non-condensing engine. Its economic performance is almost entirely independent of the effects of wear and inaccuracies of valve setting, as the Westinghouse valve is the simplest automatic balance valve on the market.

Another very salient point of superiority that the Westinghouse Engine has is that it is perfectly self oiling throughout and requires less attention, less expenditure for oil, and less expenditure for power than any other engine.

No. X-1. One 6½x6 "estinghouse" standard engine, balance wheel 26 in. dia. Belt wheel 8 in. face and 20 in. dia....

No. 0148. Four 13 and 22x13 Westinghouse, vertical, automatic compound engine, all complete .....

No. 155. One "Westinghouse, Jr." automatic engine with cyliner 9x8.....

No. 0220. One 11 and 19x11 Westinghouse, vertical, automatic, compound engine..

No. X-854. One 11x10 "Westinghouse" standard engine .....

No. 1412. One "Westinghouse" 15½x15 standard engine .....

No. 1523. One 7½x7 "Westinghouse" standard automatic engine.....

No. 1538. One 12 and 20x12 Westinghouse, vertical, automatic, compound engine...

No. 2340. Three 14 and 24x14 "Westinghouse" vertical, automatic, compound engine .....

No. 2342. Three 18 and 30x16 "Westinghouse" vertical, automatic, compound engine .....

No. 2592. One 7x6 vertical "Westinghouse, Jr." automatic engine, with governor pulley 30 in. dia. x 7 in. face.....

No. 3421. One "Westinghouse" standard engine, 8x7.....

All on Exhibition at Our Main Warehouse in Chicago.

as and Gasoline Engines

We offer only a few of our present ck of gas engines. We have many hers at present being rebuilt, which we ll shortly place on the market. You ll find any of the following engines cellent values. Besides this list we ustrate elsewhere several new high ade Gas and Gasoline Engines.

o. 210. Twenty upright, center crank, self contained 2 H. P. "U. S." gasoline engines. Size of balance wheel 24 in. dia., with square rim (extra heavy). Driving pulley 12 in. dia. It is complete with all fixtures and fittings, including igniter, gasoline tank, water tank, etc. It also has a pumping jack, all direct connected on one base.....

o. X-946. One 1 H. P. "Marseilles" gasoline engine .....

o. 703. One 2 H. P. "Ayres" gasoline engine .....

o. X-766. One 90 H. P. "Otto" gasoline engine .....

o. 2115. One standard, double cylinder, vertical Rochester gasoline engine, rated 12 H. P.....

o. 2468. One 15 H. P. Van Duzen engine...

o. 3073. One 1½ H. P. Fairbanks, Morse, vertical, center crank gasoline engine. Two screws for belt tightener, 12 in. long, complete with bearings and boxes.

o. 3152. One 10 H. P. horizontal, center crank "Otto" gas engine, converted into gasoline, with electric spark igniter, trap, muffler and all trimmings.....

o. 3359. One 50 H. P. double cylinder "Lambert" natural gas engine.....

o. 3365. One "Lewis" 45 H. P. gasoline engine .....

o. 3366. One "Raymond" 50 H. P. gasoline engine .....

o. 3376. One 1 H. P. "Ayres" gasoline engine (brand new) .....

o. 3394. One 2 H. P. "Ayres" gasoline engine .....

o. 3395. Same as No. 3394.....

o. 3396. Same as No. 3394.....

o. 3412. One 1 H. P. "Marseilles" gasoline engine .....

o. 3499. One 2½ H. P. "Otto" gasoline engine .....

A Good Traction Rig

This rig has been overhauled and rebuilt. We will sell at a bargain.

o. 1278. One "Aultman" 16 H. P. Canton Monitor traction engine, all complete...

Combined Rigs

Here's a short list of Engines and Boilers combined, that are rare values. In addition we can furnish practically any size rig you may need.

No. 0143. One 4 H. P. Davey safety engine and boiler combined, with pump.....

No. 2761. One Baxter combined engine and boiler rated 4 H. P., with cylinder 3⅝x3⅝ in., all complete.....

No. 3089. One 4 H. P. "Baxter" combined upright engine and boiler, with cylinder 3⅝x3⅝ in., all complete.....

No. 3284. One combined engine and boiler, mounted on skids, internally fired type, 32 in. dia. x 6 ft. long; one 18 in. flue and 16 3 in. tubes, complete with fire front, smoke box extension, smoke head door and stack saddle, and all trimmings. ENGINE 5x10, attached to top of boiler, of the side crank type, with shaft extending over boiler, any size driving pulley desired, and complete with all trimmings.....

No. 3392. Two Olds outfit, consisting of upright combined engine and boiler, manufactured by the Olds Motor Co., Lansing, Mich. Nominally rated 1 H. P. The boiler is of the water tube type, and the engine of the automatic shaft governor type, upright, center crank, pattern attached to the same frame as the boiler. Complete with all fixtures and fittings .....

No. 3425. One combined engine and boiler, mounted on wheels, rated 10 H. P. BOILER is 32 in. dia. x 10 ft. long, containing 30 2 in. tubes. Standard dome. ENGINE attached to the side of boiler, with cylinder 6½x10. Complete with all fixtures and fittings.....

Direct Connected Fan and Engine

We will not remain long in possession of this. Act quickly.

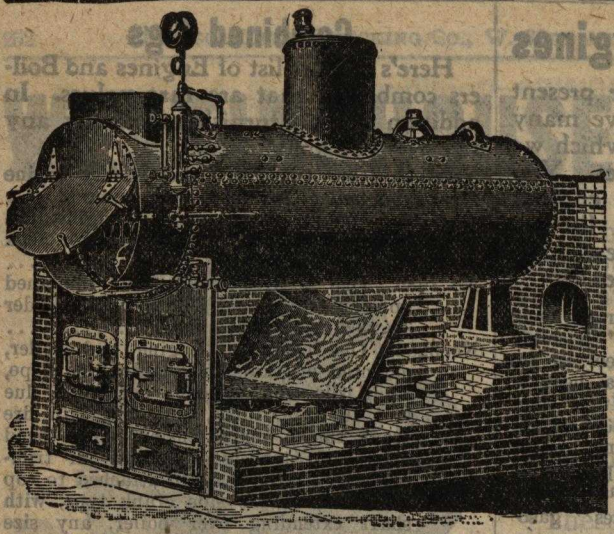
No. 2973. Wing disc fan and high speed engine direct connected; size of fan 36 in. Entire height over all 38 in.....

Direct Connected Unit

A high grade Unit, of Sterling value. Will be sold cheap for quick sale.

No. 3083. One "McEwan" Tandem Compound Engine. Manufactured by the Ridgway Engine & Dynamo Co. of Ridgway, Pa. High pressure cylinder 8 in. dia. Low pressure cylinder 14 in. dia. x 12 in. stroke. All complete and direct connected to one 600 light C. & C. 110 volt direct current generator, all complete with switchboard, with volt and ampere meter, lighting arrester, etc. .....

Further Information on Any of These Items, Gladly Furnished You.



BOILERS

The mechanics employed by us are of the higher type—the foreman of our boiler shop is a man of mature years, intelligent and capable; his mechanical pride will not permit of any incomplete work, and your orders will be executed in a thorough and careful manner.

The fittings and castings included on all boilers are selected with great care.

You are sure to receive entire satisfaction in the purchase of any of the boilers we offer you.

Before shipment every Boiler is tested and inspected. No Boiler will be shipped without undergoing a most rigid inspection.

No. 181. Three Horizontal Tubular Boilers, 72 in. dia. x 14 ft. long, with 4 in. tubes. Standard dome. Horizontal seams, double riveted .....

No. 182. Two Horizontal Tubular Boilers, 72 in. dia. x 16 ft. long, with 4 in. tubes. Standard dome. Horizontal seams, double riveted .....

No. 183. Three Horizontal Tubular Boilers, 66 in. dia. x 18 ft. long, with 4 in. tubes. Standard dome. Horizontal seams, double riveted .....

No. 184. Five Horizontal Tubular Boilers, 66 in. dia. x 16 ft. long, with 4 in. tubes. Standard dome. Horizontal seams, double riveted .....

No. 185. Four Horizontal Tubular Boilers, 60 in. dia. x 18 ft. long, with 4 in. tubes. Standard dome. Horizontal seams, double riveted .....

No. 186. Five Horizontal Tubular Boilers, 60 in. dia. x 16 ft. long, with 4 in. tubes. Standard dome. Horizontal seams, double riveted .....

No. 187. Two Horizontal Tubular Boilers, 60 in. dia. x 14 ft. long, with 4 in. tubes, Standard dome. Horizontal seams, double riveted .....

No. 188. Five Horizontal Tubular Boilers, 48 in. dia. x 14 ft. long, with 3 in. tubes. Standard dome. Horizontal seams, double riveted .....

No. 189. Eight Horizontal Tubular Boilers, 48 in. dia. x 16 ft. long, with 3 in. tubes. Standard dome. Horizontal seams, double riveted .....

No. 190. Three Horizontal Tubular Boilers, 54 in. dia. x 12 ft. long, with 4 in. tubes. Standard dome. Horizontal seams, double riveted .....

No. 191. Two Horizontal Tubular Boilers, 54 in. dia. x 14 ft. long, with 4 in. tubes. Standard dome. Horizontal seams, double riveted .....

No. 192. Five Horizontal Tubular Boilers, 54 in. dia. x 16 ft. long, with 4 in. tubes. Standard dome. Horizontal seams, double riveted .....

No. 193. Four Horizontal Tubular Boilers, 48 in. dia. x 12 ft. long, with 3 in. tubes. Standard dome. Horizontal seams, double riveted .....

No. 194. Six Horizontal Tubular Boilers, 42 in. dia. x 14 ft. long, with 3 in. tubes. Standard dome. Horizontal seams, double riveted .....

No. 195. Five Horizontal Tubular Boilers, 42 in. dia. x 12 ft. long, with 3 in. tubes. Standard dome. Horizontal seams, double riveted .....

No. 196. Six Horizontal Tubular Boilers, 42 in. dia. x 10 ft. long, with 3 in. tubes. Standard dome. Horizontal seams, double riveted .....

No. 197. Eight Horizontal Tubular Boilers, 36 in. dia. x 10 ft. long, with 3 in. tubes. Standard dome. Horizontal seams, double riveted .....

No. 198. Four Horizontal Tubular Boilers, 32 in. dia. x 8 ft. long, with 3 in. tubes. Standard dome. Horizontal seams, double riveted .....

No. 199. Five Horizontal Tubular Boilers, 36 in. dia. x 8 ft. long, with 3 in. tubes. Standard dome. Horizontal seams, double riveted .....

No. 405. One 30 in. x 12 ft. water bottom fire-box boiler, good for 60 lbs. steam..

No. 411. One open bottom fire-box boiler, 36 in. dia., 10 ft. long, standard dome, single riveted, low service.....

No. 412. One "New Era" fire-box boiler, 30 in. dia., 12 ft. long.....

No. 532. One water bottom fire-box boiler, 48 x16, with 12 6 in. tubes.....

No. X-1028. One 42x10 open bottom high pressure fire-box boiler.....

Also Low Pressure Boilers For Heating Purposes.

BOILERS—Continued

No. 1070. One 48x16 Horizontal Tubular Boiler, with 12 6 in. tubes, also dome, lugs on each side of shell.....

No. 1187. One 48 in. x 14 ft. (contracted waist) fire-box boiler, water bottom, good for 60 lbs. steam. Diameter at fire box 48 in.; diameter at waist 42 in. Double riveted.....

No. 1196. Low pressure fire-box boiler, 24 in. diameter, 9 ft. long, good for 50 lbs. pressure.....

No. 1588. One Fairbanks Morse fire-box boiler, 44 in. dia., 18 ft. long over all, open bottom fire-box type, double riveted, standard dome, with manhole on top of shell.....

No. 1632. Two 60x18 Horizontal Tubular Boilers, good for 60 lbs. steam, 4 in flues. Domeless.....

No. 1689. One 48x13 low pressure fire-box boiler.....

No. 2019. One Horizontal Tubular Boiler, domeless, 60x16, containing 77 3½ in. tubes.....

No. 2485. One 42x12 open bottom low pressure heating boiler, with dome.....

No. 2510. One 54x16 domeless boiler, with Eclipse manhole, good for 85 lbs. steam.

No. 2595. One 42x13 open bottom low pressure fire-box boiler, no dome.....

No. 2596. One 60x16 low pressure boiler, domeless, good for 60 lbs. steam.....

No. 2675. Two 42x14 open bottom low pressure heating boilers.....

No. 2964. One 40 H. P. Erie City Economizer.....

No. 2965. One 50 H. P. Erie City Economizer.....

No. 2968. One submerged flue 48x8 ft. boiler, with 2 in. tubes.....

No. 2987. One vertical, submerged tube boiler, 36 in. dia., 9 ft. high, with 2 in. tubes.....

No. 3024. One 48x16 domeless high pressure boiler, containing 34 4 in. tubes; lugs on each side of shell.....

No. 3434. One heating boiler 20 in. x 24 in., containing 36 2 in. flues.....

No. 3509. One vertical, full length, tubular boiler, 20 in. diameter, 32 in. high, good for 25 lbs. steam pressure, containing 16 2 in. tubes, complete with hood, base, grates and all trimmings.....

No. 3519. One vertical, full length, tubular boiler, 48 in. dia., 12 ft. high, 3 in. tubes, single riveted.....

No. 3520. One vertical, full length tubular boiler, 60 in. dia. x 10 ft. high, 3 in. tubes for low duty, good for 50 lbs. steam.

No. 3521. One 60x18 high pressure boiler, standard dome, single sheet on bottom, single sheet on top. Three lugs on each side. New Eclipse manhole.

No. 3522. One 54x15 low pressure domeless boiler, good for 70 lbs. steam, 3 in. flues.

No. 3523. One vertical, full length, tubular boiler, 9 ft. high, 54 in. diameter, 3 in. flues, double riveted, good for 100 lbs..

No. 3524. One 48x8 Horizontal Tubular Boiler, built in two sheets, one on top and one on bottom with dome.

No. 3525. One 48x16 double riveted Horizontal Tubular Boiler with dome, five 10 in. riveted flues.

No. 3538. Horizontal Tubular Boiler, 48x16, two sheets, standard dome, with 12 6 in. riveted tubes. Eclipse manhole in front head and Eclipse manhole in back head above tubes.

No. 3600. One open bottom fire box boiler, 11 ft. 6 in. long, 48 in. dia., domeless, containing 70 2½ in. tubes.....

No. 3601. One open bottom fire-box boiler, 40 in. dia., 12 ft. long, cast iron dome cap; fire-box 48 in. long and 30 in. wide, 2½ in. tubes.....

No. 3602. One 30x10 water bottom, low service fire box boiler.....

No. 3603. One Internally Fired Atlas Boiler, 30 in. dia., 5 ft. 6 in. over all, with one 19 in. flue; 13 2½ in. flues. Good for 40 to 50 lbs. steam.....

No. 3605. One Leffel internally fired return flue boiler, mounted on skids, 48 in. dia., 9 ft. long over all, double riveted, standard dome.....

No. 3607. One vertical Tubular boiler, 48 in. dia. x 9 feet high.....

No 3608. One low service open bottom firebox boiler, 24 in. dia. x 8 ft. long.....

No. 3612. One 60x16 domeless low pressure heating boiler with Eclipse manhole and loops for hanging with steam drum....

No. 3962. One 42 in. x 14 ft. Locomotive Firebox boiler, containing 48 2½ in. tubes.....

Low Pressure Boilers

Good for heating purposes or for any purpose where high pressure is not essential.

No. 200. Boilers good for 40 to 50 lbs. steam pressure. Complete with fronts, fittings, grate bars, etc.....

Two Horizontal Tubular Boilers, 36 in. dia. x 8 ft. long; 1,500 ft. steam, 2,700 ft. hot water.....

One Horizontal Tubular Boiler, 36 in. dia. x 10 ft. long; 2,200 ft. steam, 3,500 ft. hot water.....

One Horizontal Tubular Boiler, 36 in. dia. x 12 ft. long; 2,500 ft. of steam, 42,00 ft. hot water.....

Three Horizontal Tubular Boilers, 42 in. dia. x 12 ft. long; 2,600 ft. of steam, 4,150 ft. of hot water.....

Two Horizontal Tubular Boilers, 42 in. dia. x 14 ft. long; 2,800 ft. of steam, 4,500 ft. of hot water.....

One Horizontal Tubular Boiler, 42 in. dia. x 16 ft. long; 3,100 ft. of steam, 5,000 ft. of hot water.....

Additional Boilers Received Every Day.

Blowers, Fans, Forges, Etc.

If you need any other kind of blower than what you will find in this list—write us. We guarantee to save you from 10 to 60 per cent on your purchases. All material is first-class only. We have no other kind in our lists.

No. X-83. One No. 4 Buffalo forge blower with inlet 8 in., outlet 8 in.....

No. X-85. One Huyett & Smith No. 6 noiseless pressure blower with inlet 12 in., outlet 19x10.....

No. 160. One No. 5 Sturtevant Monogram shavings exhauster, direct connected to 220 volt motor.....

No. 347. One 6 in. power blower with countershaft attached, driving pulley 12 in. dia. x 1 in. face; tight and loose pulleys 5 in. dia. x 1½ in. face..... 5.00

No. 360. One Western Chief pressure blower with inlet 3 in., outlet 2 in.....

No. 0365. One Smith 54 in. ventilating fan, direct connected to a 5x5 high speed engine with casing.....

No. X-1042. One Root No. 2 pressure blower.

No. 1258. One No. 7 "Buffalo" exhaust fan with inlet 25 in., outlet 21 in. round. Driving pulley 12x10.....

No. 2013. Six 48 in. "Hess" warming and ventilating fans; inlet 26 in., outlet 22x12. Tight and loose pulleys 12 in. dia. x 5 in. face on heavy cast iron frame...

No. 2174. One 36 in. single disc ventilating fan, complete with casing and driving pulley..... 17.00

No. 2200. One 24 in. pressure blower with 8 in. inlet and 6 in. outlet.....

No. 2251. One No. 5½ Baker Blower.....

No. 2457. One No. 9 "Sturtevant" volume blower with 22 in. inlet and 16x22 outlet.....

No. 2746. One No. 1, 15 in. forge blower, outlet 3 in. inlet 3½ in.....

No. 3107. One No. 5 forge blower, opening 6½x6½, pulley 3½x3½ (brand new)..

No. 3127. One second hand, hand power forge, complete with fan blower and hood (hearth cracked)..... 2.00

No. 3154. One "Foskett & Bishop" steam trap with 2 in. inlet and 1¼ in. outlet. Will take care of 15,000 ft. of pipe. Price..... 6.00

No. 3211. One No. 4 "Baker" rotary pressure blower, any size pulley desired, outlet 11½ in.....

No. 3253. One double "Buffalo" shavings exhauster 48 in., with two inlets 17 in. round, two outlets 16x16; driving pulley 10x10.....

No. 3254. Six hand "Buffalo" forge blowers with handle, belt also blower, all on one frame.....

No. 3255. One No. 2 forge blower direct connected to 1 H. P. water motor. Price..... 15.00

No. 3256. One No. 12 Buffalo forge or cupola blower.....

No. 3257. One No. 8 "Sturtevant" exhauster with inlet 20 in., outlet 14x19.....

No. 3258. One No. 5 "Sturtevant" Monogram, blower with two inlets 11 in. dia. one outlet 12 in. dia.....

No. 3259. One No. 6 "Boston" cupola or forge blower, with two inlets 12 in. dia. and one outlet 10 in. dia. complete with driving pulley on each side.....

No. 3260. One 28 in. single disc ventilating fan with casing and driving pulley.....

No. 3261. One double "Dixie" shavings exhauster 24 in. with two inlets 9 in., outlet 7 in. square; pulley 4 in. dia. x 6 in. face.....

No. 3262. One hand power forge blower with belt, pulley and stand, all complete..... 7.00

No. 3263. One No. 4 blower with two inlets 9 in., outlet 9 in., pulley 6x4.....

No. 3264. One No. 4 "Buffalo" forge blower.....

No. 3265. One No. 6 "Sturtevant" exhauster with inlet 16 in., outlet 16 in.....

No. 3266. One forge blower with inlet 9 in., outlet 8 in.....

No. 3267. One window disc ventilating fan, single disc, fan 28 in., driving pulley 6x2½.....

No. 3268. Two Andrews & Johnson engine driven ventilating fan; fan 36 in. dia...

No. 3269. One 36 in. single disc ventilating fan with casing.....

No. 3270. One 48 in. window ventilating fan with driving pulley.....

No. 3271. One 72 in. single disc fan and shaft, no casing or bearing. Price..... 15.00

No 3341. One No. 5½ "Baker" blower with 16½ in. discahrge.....

No. N-3469. One 500 H. P. "Baragwanath" siphon condenser.....

Iron Pipe of Every Kind at Right Prices.

FROM THE WORLD'S FAIR, ST. LOUIS

Machinery at the Exposition

An enormous quantity of Machinery of every kind comes into our possession. At this time we have not prepared a complete list of it. It will pay you to send us a memorandum of your wants for anything in the machinery line before you purchase elsewhere. Boilers, engines, dynamos, motors, compressors, and equipment of every kind will be sold by us at extremely low prices. We list a few items of special interest.

No. 969 Three 250-h. p. "Heine" Water Tube Boilers.
No. 970 Three 36 x 48 heavy duty Wm. Todd Reversible Engines.
No. 971 Three 40 K. W. 125 volt, Northern Electric Mfg. Co's multipolar generators, with switch-board and instrument.
No. 972 Two 18 x 30 x 16 Westinghouse Compound Engines.
No. 973 Three 14 x 24 x 14 Westinghouse Compound Engines.
No. 974 One 30 x 58 Corliss Engine.
No. 975 One 13 x 22 x 13 Westinghouse Compound Engine.
No. 976 Four Boiler Feed Pumps.
No. 1201 Two Centrifugal Pumps, 20 inch.

MOTORS.

The following is an approximate list of the Motors that we have for sale.

No. 918 Five 20-h. p. 110 volt, Western Electric.
No. 919 Three 15-h. p. 110 volt, Western Electric.
No. 920 One 15-h. p. 115 volt, General Electric.
No. 921 Three 1-h. p. 500 volt, Cutler-Hammer.
No. 922 One 5-h. p. 500 volt, General Electric.
No. 923 One 3-h. p. 220 volt, Commercial
No. 924 One 10-h. p. 110 volt, Commercial.
No. 925 One 5-h. p. 500 volt, Wagner.
No. 926 One 3-h. p. 500 volt, General Electric.
No. 927 One 5-h. p. 500 volt, Lundell.
No. 928 Five 2-h. p. 500 volt General Electric
No. 929 One 2¼-h. p. 500 volt, Commercial.
No. 930 One 5-h. p. 500 volt, Western Electric.
No. 931 One 45-h. p. 500 volt, Wagner.
No. 932 Two 1¼-h. p. 500 volt, General Electric.
No. 933 One 15-h. p. 500 volt, Fairbanks-Morse.
No. 934 One 2-h. p. 500 volt, General Electric.
No. 935 One 3-h. p. 110 volt, Stanley.

TRANSFORMERS.

No. 936 5 K. W. Rev. 2200-110 volt.
No. 937 7½ K. W. Rev. 2200-110 volt.
No. 938 10 K. W. Rev. 2200-110 volt.
No. 939 15 K. W. Rev. 2200-110 volt.
No. 940 20 K. W. Rev. 2200-110 volt.
No. 941 50 K. W. Rev. 6600-2200 volt.
No. 942 100 K. W. Rev. 6600-2200 volt.

Visit our St. Louis Headquarters. Our Offices are on the Exposition Grounds.

Heaters, Purifiers, Condensers, Etc.

We have proven our capacity for supplying everything in the machinery line at economical prices. Our thousands of patrons everywhere will attest it. There is nothing in the line of apparatus that we cannot supply you. This list is a compilation of such heaters as will most generally be found in demand—it does not include all we have for sale. Our equipment is guaranteed correct.

No. 1[illegible]1. One 1,000 H. P. "Berryman" copper tube feed water pressure heater...

No. 1[illegible]2. One 750 H. P. "Berryman" copper tube feed water pressure heater.....

No. 1[illegible]16. One Hoppes live steam heater and purifier with 6 in. inlet, 6 in. steam outlet, 2 in. water supply.....

No. 1[illegible]42. One open heater or purifier, 20 in. diameter, 7 ft. high.....

No. 1[illegible]23. One "Wilks" heater, 30 in. diameter, 4 ft. 6 in. high.....

No. 2[illegible]63. One "Hoppes" live or exhaust steam heater or purifier, 350 H. P.....

No. 2[illegible]92. One 500 H. P. standard Erie City Iron Works heater.....

No. 2[illegible]05. One 400 H. P. "Wainwright" copper tube pressure heater.....

No. 2[illegible]28. One "Hoppes" live or exhaust steam heater or purifier, 200 H. P.....

No. 2[illegible]32. One "Hoppes" live or exhaust steam heater or purifier, 250 H. P.....

No. 2[illegible]36. One 200 H. P. "Cochran" feed water heater, manufactured by the Harrison Safety Boiler Co., complete with pans, purifier and all fittings.....

No. 2[illegible]31. One "Kroeschell" pressure feed water heater, 100 H. P. brass tubes with 4½ in. inlet, 4½ in. outlet, 1½ in. water supply. This heater is 30 in. dia. x 4 ft. high .....

No. 3046. One pressure feed water heater, 16 in. dia. x 5 ft. 6 in. high.....

No. 306[illegible]. One 3 in. steam separator.....

No. 308[illegible]. One No. 4 steam separator.....

No. 3165. One 5 in. Cochran steam separator. Price 35.00

No. 333[illegible]. One 400 H. P. "Kroeschell" heater with brass tube, 30 in. dia. x 12 ft. high .....

No. 3429. One steam separator, 5 in.....

No. 3470. One 35 H. P. "Wainwright" circular, copper tube pressure feed water heater, steam inlet 3 in., water supply 1 in., diameter 22 in., height about 24 in..

No. 347[illegible]. One 3 in. steam separator.....

No. 348[illegible]. One 150 H. P. heater, filter and purifier .....

No. 3502. One Hot Water Heater, 20 in. dia., 38 in. high, one 6 in. flue. Complete with hood, base, grates, etc.....

No. 3503. One No. 4 "Stillwell-Bierce" live or exhaust steam heater and purifier.....

No. 3504. One 50 H. P. pressure feed water heater; 4 ft. 6 in. high and 14 in. diameter .....

No. 3505. One 100 H. P. "Baragwanath" pressure feed water heater with 6 in. steam inlet, 6 in. steam outlet and 2 in. water supply .....

No. 3506. One Hot Water Heater, 48 in. high, 30 in. diameter, with one 16 in. flue. Complete with hood, base, grates, steam and water gauges, etc. Water supply 3 in. .....

No. 3507. One No. 4 "Stillwell-Bierce" live or exhaust steam heater and purifier, 20 in. dia., 5 ft. high.....

No. 3510. One steam jacketed water heater and purifier, made by A. E. Raze, 50 H. P., with steam inlet 4 in., steam outlet 4 in., water supply 1¼ in.....

No. 3515. One 100 H. P. "Kroeschell" heater with 5 in. steam inlet and 5 in. steam outlet, 1¼ in. water supply.

No. 3527. One 400 H. P. "Wainwright" pressure heater with corrugated copper tubes .....

No. 3528. One cast iron vertical heater, 18 in. dia., 9 ft. high over all, with 4 in. inlet and 4 in. outlet, with 1½ in. water supply .....

No. 3529. One No. 6 "Stillwell-Bierce" live or exhaust steam heater or purifier.....

No. 3530. One No. 7 "Stillwell-Bierce" live or exhaust steam heater or purifier.....

No. 3531. Two "Hoppes" live or exhaust steam heaters or purifiers, 150 H. P.....

No. 3534. One 500 H. P. vertical tubular pressure heater, 42 in. dia., 10 ft. high..

No. 3535. One "Hoppes" live or exhaust steam heater or purifier, 500 H. P., 42 in. dia. x 16 ft. long.....

No. 3536. One Stillwell-Bierce horizontal condenser with 3 in. inlet and 3 in. outlet..

No. 3609. One "Wilks" coil hot water heater, 42 in. dia., x 4 ft. 6 in. high.....

Let Us Estimate on the Complete List of Your Requirements.

WOOD WORKING MACHINERY

We make a specialty of furnishing complete equipment for saw and lumber mills. Men who contemplate the erection of such mills will do well to correspond freely with us as to their desires or intentions. Our staff of experts are ever at your service.

39. One Winnie hoop machine with pointer and trimmer.....
X-76. One 24x8 endless bed, single cylinder, wood planer. Complete with planer knives, countershaft, etc.....
080. One Houston double head tenoner...
087. One H. B. Smith, 3 sided moulder and sticker, 3½ in., all complete with countershaft attached .....
098. One power wood tenoner; iron frame, wood table .....
0101. One 2 saw lath machine with countershaft attached, with two 9 in. saws..... 25.00
M-114. One complete hub boring and turning outfit, consisting of four tools 100.00
163. One standard "Richmond" double saw mill with 30 in. carriage and 60 in. track, carrying one 48 in. lower saw, and one 24 in. top saw. Complete with friction, feed device and all the necessary trimmings .....
164. Fifteen Shimer matcher heads.....
0199. One No. 2 double chisel "Defiance" mortiser, with adjustable table and boring attachment .....
652. One vertical, single spindle shaper, with countershaft, shifting device and driving pulley.....
H-956. One all iron horizontal wood boring or tenoning machine.....
1067. One iron power jig saw with wood table .....
2214. One double spindle wood table shaper with 1 in. spindles; table 46x42 cast iron frame; complete with one head .....
2804. One automatic "Holliday" saw sharpener; will take in saws up to 54 in. .....
3059. One set of Knight's patent dogs..
M-3060. One *head stock* for wood turning lathe with 4 step cone; will swing 30 in.
3069. One Smith & Garvin single gear plain *miller*; 7/8 in. spindle, rise and fall table, 4 step cone.....
3047. One 24x6 "J. S. Graham" single cylinder, 4 roll planer complete with feed roll, planer knives, countershaft, belt tightener and driving pulley.....
3084. One 16 in. swinging cut off *saw* with ¾ in. mandrel.....
3095. One Wheeland 3 saw *lath* mill with one stationary saw and two movable saws. All complete with countershaft, etc. .....

No. 3128. Tail stock for wood turning lathe, 24 in. .....
No. 3141. One head and tail stock for wood turning lathe 12 in., with countershaft and rise and fall tool rest 15.00
No. 3170. One complete set of hub and rim making machinery. Price... 100.00
No. 3175. One iron frame, swinging cut off saw with 26 in. swing; arm only 10.00
No. 3176. One No. 2 Fox mitreing machine (foot power)..... 22.00
No. 3178. One all iron horizontal wood boring machine with countershaft attached 25.00
No. 3184. One 2 sided, 2 in. moulder.....
No. 3192. One Daniels endless timber planer. Will plane timbers any size and length..
No. 3208. One wood saw table and frame with mandrel 20 in. long, ¾ in. dia., pulley 2½x2 .....
No. 3209. One "Home Made" saw table and frame, complete with 24 in. saw; driving pulley in center, and complete with dado head for holding bits 20.00
No. 3225. One brand new "Silver" band saw.
No. 3251. One 48 in. shavings exhauster with outlet 20x20, inlet 20 in. round; pulley 10x7 .....
No. 3287. One vertical single chisel, Houston mortiser with boring attachment.....
No. 3325. One saw mandrel; will take 1 15-16 in. shaft, complete with two collars 5.00
No. 3333. One 4 sided planer and matcher or flooring machine, manufactured by Benjamin, Fisher & Mallery and known as the "Triumph" flooring machine. It will take in material up to 4 in. thick and 9 in. wide. The feed of the machine is very powerful. Countershaft has 12x8 in. tight and loose pulleys and should make about 900 revolutions.....
No. 3383. One "Held & Co." 24x6 single cylinder surfacer.....
No. 3435. One wood frame shaper, double spindle, 2x6 in. x 5ft..... 25.00
No. 3479. Head and tail stock for wood turning lathe; will swing 15 in., 4 step cone pulley .....
No. 3494. One post sander cast iron frame, 5 ft. arm .....

AIR COMPRESSORS

No. 3057a. One National Drill Compressor Co. machine, size 24x24x20, capacity 1,152 cubic feet of free air per minute..

No. 3082. One 6x6x10 American Air Brake Co. air compressor.....

No. 3146. One 7x7 horizontal Clayton belt driven air compressor, with water jacketed cylinder, all complete.....

No. 3174. One 4x5x12 steam driven air compressor .....

No. 3220. One Clayton 9x16x9 low duty air compressor with automatic pump governor. .....

No. 3276. One 6x8x8 duplex Hall air compressor. .....

No. 3291. One Allen horizontal crank and fly wheel air compressor, 8x8.....

No. 3328. One ½ ton belt driven ammonia compressor or ice machine.....

No. 3357. One 20x20¼x24 Ingersoll Sargeant straight line steam driven air compressor with unloading device and pressure tank. .....

LATHES

No. 41. Three 9x25 second hand lathes, used in our own shops about one month, in first-class condition.....

No. 3169. One iron table wood lathe, 7 ft. bed; will swing 1 2 in.... 35.00

No. 3430. One iron screw cutting engine lathe, screw feed only, 20 in. swing, 8 ft. bed, with countershaft.....

No. 3423. One iron table wood turning lathe; will swing 20 in. and take in 8 ft. between centers.....

No. 3388. One 24x10 New Haven screw cutting engine lathe, all complete.....

No. 3382. One 11 in. swing x 4½ ft. bed Barnes screw cutting engine lathe, complete with countershaft.....

One 9x25 Barnes second hand lathe, used two weeks .....

No. 0-272. One Warner & Swasey back geared turret lathe with 6 head turret, hollow spindle 2½ in. with cutting off tool, complete with countershaft.....

No. 3088. One Warner & Swasey special brass working lathes, will swing 12 in., 3 step cone, double head, bed 7 ft .....

No. X-77. One plain screw cutting lathe, 21 in. x 6 in. over all, 30 in. swing, with screw feed only, 4 step cone pulley, back geared, full set of screw cutting gears, 24 in. chuck and face plate.....

No. 3612. One iron frame wood turning lathe, will swing 12 in., bed 10 ft. 6 in. long..

SOME GOOD ITEMS

No. 210. 1 5 ton belt driven McDonald Duplex Refrigerating Machine, with a complete equipment of coils, condensers, etc .....

No. 211. 2 5 H. P. 220 volt enclosed type motors .....

No. 212. 2 Reidy Belt driven, worm gear freight elevators .....

No. 213. 1 9x12 Tifft Reversible well drilling engine .....

No. 214. 1 screw cutting engine lathe, 21 inch swing, 8 foot bed; complete with screw feed, all screw cutting gears, steady rest, large and small face plate, large chuck fitted with countershaft and taper attachment .....

No. 215. One screw cutting engine lathe, 21 inch swing, 7 foot bed; complete with screw feed, all screw cutting gears, steady rest, large and small face plate, large chuck fitted with countershaft and taper attachment .....

No. 216. 8 Beldon Planers, 18 inch plane housings, 2 ft. 6 in. bed; will plane 2 ft., complete with countershaft, power cross and down feed.....

No. 217. 8 Newton plain milling machines, No. 2 .....

No. 218. 1 120 inch Buffalo Forge Co.'s steam blower, especially adapted for mechanical draft .....

No. 209. 7 "Champion" Fire Extinguishers with hose and nozzle, each 8.00

All Items Subject to Prior Sale.

IRON AND BRASS WORKING TOOLS

Any number of good items in this list—scan it closely. Many a bargain is picked up in this way.

No. 293. One pulley boring lathe, will take pulleys up to 36 in.....

No. X-38. One foot power, all iron, forming hammer, weight of hammer about 50 lbs., all complete..... 20.00

No. 0287. One back geared bolt cutter, will cut bolts up to 1¼ in., all complete.....

No. 3148. One special brass working Warner & Swasey horizontal boring or drilling machine with tail stock 15.00

No. 3218. One iron turning lathe without tail stock, table 42 in..... 8.00

No. 3219. One lathe bed with tail stock only, 14 in. swing, 30 in. table.....

No. 3227. One wood turning lathe, consisting of back geared head stock with 4 step cone pulley, countershaft with tight and loose pulley, rise and fall tool rest, and tail stock, 34 in. swing.....

No. 3229. One special automatic handle lathe.

No. 3230. One back geared Buckeye turret lathe, 16 in. swing, 5 head turret, quick return, complete with countershaft....

No. M3232. One special brass working boring machine .....

No. 3233. One special cutting off lathe, will swing 16 in., 5 ft. bed, with adjustable cutting off rest.....

No. 3234. One special machine for threading valve stems and short rods, will take up to 1-in.; machine equipped with two heads and cutting off tool.....

No. 3236. One back geared 6 head turret lathe, quick return, complete with countershaft, solid spindle.....

No. 3237. Three single geared turret lathes, 7 head, quick return, 1¼ in. hollow spindle, complete with countershaft....

No. 3238. One iron bed wood turning lathe, will swing 16 in., bed 42 in. long.....

No. 3242. One special brass working cutting off tool.....

No. 3244. One special brass working cutting off tool.....

No. 3245. One Pringle & Brodie chucking lathe.....

No. M-3246. One brass boring machine for boring and drilling valves, with reverse motion; bed 30 in.....

No. 3247. One 16x6 Fox lathe.....

No. 3248. One 12 in. swing, 4 ft. bed, iron table, wood turning lathe.....

No. 3249. One 14x5 Blaisdell screw cutting lathe with rod and feed screw, steady rest, face plate, chuck, all screw cutting gears and countershaft.....

No. 3250. One key-way cutter, back geared, spindle 1 in., with two key slots, length of feed 30 in.....

No. 3052. One hand screw press, throat 8 in., weight about 200 lbs., manufactured by the American Saw Co.....

No. X-106. One power geared press with automatic push.....

No. 828. One foot power punch on wood stand 10.00

No. 3076. One Rankin screw press, 30 in. between housings, 2 in. screw, cable 30x46.

No. 3326. One vertical, heavy eccentric, belt driven power press; will take die 5½ x7½ .....

No. 3371. One hand power punch, 6 in. throat.

No. 3130. One set of boiler maker's rolls, 5 in. dia., 48 in. between housing, geared with adjusting screws.....

No. 3193. One set of power bending rolls, rolls 3 in. dia. x 5 in. face, with tight and loose pulley 10 in. dia. x 3 in. face..... 20.00

No. 3240. One set of hand or power driven bending rolls, rolls 3½ in. dia. x 3½ in. face, adjustable 5.00

No. X-339. Two hand power lever shears, 4 in. knife, will cut up to ⅛ in. iron.....

No. 3172. One hand power Gargrave's shear with 9 in. knife, all complete.....

No. 3511. One Thompson heavily geared bevel shear .....

No. 3512. One geared Alligator shear with 10 in. knife, extra heavy; will cut up to 1 in.....

No. 3166. One No. 2 shop saw.....

No. 3180. One all iron Frank Bros. double gear nut tapping machine; will tap nuts up to 2 in.....

No. 3168. One nut tapping machine, back geared; will tap up to 1½ in. nuts. Price..... 45.00

No. 3387. One 36x30x8 in. bed Cove iron planer with power cross and down feed.

No. 3514. One hydraulic press; will press up to 10,000 lbs.....

No. 3186. Five hand power lever punches; will punch ¾ in. hole in ¼ in. plate; weight about 150 lbs., 10 in. throat, 3 in. opening. Each 22.50

No. 3422. One 24x24x5 iron planer without head or bed, complete with cross rail and tool rest.....

No. X-102. One foot power punch, will take die 3x3, throat 3½ in., for punching sheet metal.....

No. 3140. One hand power lever punch; will punch ⅜ in. hole up to 18 gauge 2.00

No. 3196. One belt driven, vertical crank punch, tight and loose pulleys, punch ½ in. hole in 14 gauge iron.....

No. 3473. One foot power bench punch 10.00

No. 3489. One Columbus Machine Co. back geared, cam drawing press for drawing and cutting all kinds of tin and sheet metal; dia. of fly wheel, 28x4.....

Order Today—Tomorrow May Be Too Late.



PUMPS

We guarantee every pump in first-class condition. We do not sell any other kind. If you fail to find the pump you are in need of write us your wants.

PUMPS OF ALL KINDS

No. X 3. One "Worthington" high duty pressure pump, 24x6x18 outside packed plunger type .....

No. X 5a. One 16 and one 24x6x18 outside packed plunger type, "Worthington" compound duplex pump with jet condenser .....

No. X 23. One J. H. McGowan crank and fly wheel "Donkey" pump, size 4x2x5.....

No. X 31. One crank and fly wheel vertical "Donkey" pump, size 5x3x5. Complete with air chamber and all fittings.....

No. X 34. One high pressure, vertical, belt driven hydraulic pump, cylinder 7/8 in...

No. 074. One 3x12 heavy pressure "Deane" duplex power pump.....

No. X 95. One No. 2 "Knowles" single direct acting boiler feed pump, size 4x2½x5 .....

No. 0125. One 9x26 Smithvaile deep well pump .....

No. 167. One "Crane" crank and fly wheel pressure pump, size 6x4x7.....

No. 175. 25 Upright, crank and fly wheel Donkey pumps, each at..... 20.00

No. 176. Five pump engine room oil tanks, complete with pumps, each 4.00

No. 271. One 12x8x12 "Crane" crank and fly wheel pump .....

No. 303. One vacuum or exhaust pump. Can be used for exhausting air from Electric Light Globes. Size 4½x2¾x5.....

No. 316. One horizontal, crank and fly wheel "Donkey" pump, size 5x3x5.....

No. X 741. Two 12 in. vertical submerged centrifugal pumps with shaft and clutch coupling .....

No. X 780. One 10x6x10 single direct acting "Davidson" pump .....

No. 893. One "Deane Bros." crank and fly wheel pump, size 7x5x10 .....

No. 0371. One Rumsey hand power force pump with 2 in. discharge, 5x8 cylinder .....

No. X 827. One 12 in. horizontal "Morris" centrifugal pump with pulley, 20x16...

No. 0931. One 20x10x12 single direct acting heavy duty "Worthington" pump, with brass lined water cylinder; 6 in. suction and 4 in. discharge .....

No. X 1011. One 5x3x5 "Donkey" pump...

No. X 1065. One small hot air engine for pumping water .....

No. 1579. One 7x4½x12 Smedley steam pump .....

No. 2058. Two hand power test pumps, each 75

No. 2065. One 8x24 "Wheeler & Tappan" deep well pump .....

No. 2160. One 7x6x10 "Gordon" duplex steam pump .....

No. 2407. One 10x30 "Deane" deep well steam head .....

No. 2416. One 7½x4½x10 Deane duplex pump with brass lined water cylinder...

No. 2419. One 3x6 power plunger pump with pulley 16x5.....

No. 2522. One 8x5x12 "Crane" single direct acting pump .....

No. 2523. One Smithvaile duplex low service pump, size 7½x7x10 with brass piston rods .....

All Items Offered, are in Our Possession.

PUMPS—Continued

No. 2617. One 9x10 duplex "Blake" belt driven geared power pump with two air chambers; suction 5 in. discharge 4 in. on each cylinder .....

No. 2618. One lift and pressure pump 10.00

No. 2620. One 7½x7½x10 "Knowles" low duty pump .....

No. 2655. Two rotary belt driven pumps with 1 in. outlet .....

No. 2721. One Dayton Cam Pump, size 6x4½x10 .....

No. 2772. One 7¼x4½x10 Crane single direct acting pump .....

No. 2758. One 6 "Ryder" hot air pumping engine .....

No. 2875. One "Gordon" 12x7x12 duplex pump, with brass lined cylinders, brass piston rod and copper air chamber; 6 in. suction and 5 in. discharge .....

No. 2902. One 5x6x8 Marsh pump, brass fitted .....

No. 2911. One 4½x3¾x4 "Eastwood" duplex pump .....

No. 2915. One 4½x3¾x4 duplex pump .....

No. 2917. One 4½x3¾x4 duplex pump .....

No. 3000. One 5½x3¼x6 single direct acting "Deane" pump, brass fitted throughout, with 1½ in. suction and 1¼ in. discharge .....

No. 3001. One F. C. Wells single direct acting pump, size 6x4x7, boiler feed type, brass fitted throughout, with 2 in. suction and 1½ in. discharge .....

No. 3010. One Warren Webster single acting vacuum pump, size 4½x5x7 .....

No. 3012. One Hughes single acting air pump, size 10x9x10 .....

No. 3013. One "Knowles" single acting pump, size 10x6x10, all complete .....

No. 3014. One Morris Centrifugal pump with 5 in. suction and 4 in. discharge, can be used vertically or horizontally .....

No. 3015. One horizontal Morris centrifugal pump with 4 in. suction and 3 in. discharge, with driving pulley .....

No. 3017. Two Westinghouse duplex air pumps, 7x7x5x7x9 .....

No. 3018. One 8x3x8 horizontal duplex hydraulic pump .....

No. 3019. One 7½x7x10 single direct acting brass fitted "Deane" pump .....

No. 3020. One 12x7x12 No. 8 single direct acting "Deane" pump with brass lined water cylinder and brass piston rods .....

No. 3022. One power rotary force pump with 3 in. inlet and 3 in. outlet .....

No. 3030. One 2 in. rotary belt driven pump .....

No. 3031. One 1½ in. rotary belt driven pump .....

No. 3032. One Smithvaile single acting pump, 7½x7½x10 .....

No. 3033. One Smithvaile single direct acting pump, size 6x4x8, all complete .....

No. 3035. One 8 and 16x18x18 single direct acting "Knowles" compound pump; 12 in. suction and 10 in. discharge .....

No. 3044. One "Deane" single acting vacuum pump, size 6x8x10, all complete .....

No. 3049. One "Snow" Underwriter's Fire Pump, size 16x9x12. This pump has Tobin Bronze piston rods, brass lined water cylinder, brass stuffing box, glands, etc., and is all complete .....

No. 3074. One No. 12 Morris Sand Pump; 12 in. suction, 12 in. discharge. Driving pulley 36x24. Manufactured by Morris Machine Co .....

No. 3078. One No. 5 "Cameron" mining pump .....

No. 3085. One 4½x2¾x4 "Worthington" duplex pump, complete with receiver .....

No. 3086. One 3x2x3 single direct acting pump .....

No. 3091. One 5¼x1¼x5 "Blake" hydraulic duplex pump .....

No. 3092. One 5¼x3½x6 "Tappan" duplex steam pump .....

No. 3110. One wood pump, at 2.00

No. 3111. One water or ditch pump, at 1.25

No. 3112. One "Deming" deep well hand or power pump at 5.00

No. 3113. One hand or power deep well force pump, at 3.00

No. 3131. One 10 in. "Ryder" hot air pumping engine .....

No. 3171. Two 2 in. Nye vacuum pumps .....

No. 3187. Two Diaphragm pumps, 1 in. connection, each 25.00

No. 3195. One belt driven Deming pump, 1¼ in. pipe connections 6.00

No. 3198. One vertical power pump with plunger 3x7; tight and loose pulleys 24 in. dia x 3 in. face 15.00

No. 3203. One 7x4x8 crank and fly wheel "Crane" pump .....

No. 3204. One submerged centrifugal pump with 4 in. suction and 3 in. discharge 35.00

This List is Constantly Changing.

PUMPS—Continued.

No. 3205. One 4½x6x6 low duty "Worthington" duplex pump .....

No. 3213. One Diaphragm bilge pump, 3 in .....

No. 3214. One Deming rotary belt driven pump with tight and loose pulley, 13½x3....

No. 3215. One 4x2x4 "Donkey" pump .....

No. 3216. One "Deming" hand power thresher pump .....

No. 3221. One 7x10x12 air pump .....

No. 3222. One 12x7x12 single direct acting pump .....

No. 3223. One 7½x4½x10 Wheeler & Tappan pump .....

No. 3224. One No. 2 "Buffalo" jet condenser, size 7x9x12, with air pump and receiver .....

No. 3225. One 6x4x6 "Deane" duplex pump

No. 3272. One "Marsh" deep well steam head, 6x12, with upper stuffing box.....

No. 3273. One "Wheeler & Tappan" deep well steam head, 6x18 .....

No. 3274. One single direct acting crank and fly wheel "Rival" boiler feed pump 10.00

No. 3275. One 5x3½x6 "Crane" crank and fly wheel boiler feed pump .....

No. 3277. One F. C. Wells single direct acting pump, size 7½x4½x10 .....

No. 3278. One 4x2½x5 rotary valve crank and fly wheel boiler feed pump .....

No. 3279. One No. O "Knowles" pump, size 3x1¾x4 .....

No. 3280. One "Blake" 4x2½x5 single direct acting pump .....

No. 3281. One 4x5x7 Delameter single direct acting low service pump .....

No. 3282. One 16x8x10 heavy duty single direct acting pump .....

No. 3283. One single gear "Deming" power plunger pump with tight and loose pulley, 20x3 .....

No. 3284. Three 10x24 "Deane" deep well steam head .....

No. 3288. One "Silsby" fire pump with two hose connections, 3 in. suction and 3 in. discharge .....

No. 3289. One 7½x4¼x10 duplex "Deane" pump, water cylinder slightly cracked; repaired in good shape 75.00

No. 3290. One 6 in. double gear sand sucker, with 6 in. suction and 5 in. discharge...

No. 3313. One hand power force pump, mounted on board, 21 in. wide, 5 ft. 6 in. long, with hose reel; complete with 50 feet of ¾ in. hose with coupling..... 17.00

No. 3319. One power, belt driven, boiler feed pump, with plunger 2 in. dia., 5 in. stroke; pulley 12 in. dia. x 3 in. face..

No. 3334. One 7½x4½x10 pump, (boiler feed) .....

No. 3339. One 6x4x6 duplex pump .....

No. 3353. One 12x8x12 "Blake" single direct acting pump.....

No. 3375. One 4½x2¾x4 Laidlaw & Dunn duplex pump .....

No. 3393. One brass 3x12 wind mill power pressure pump .....

No. 3415. One 10x36 "Knowles" deep well steam head .....

No. 3424. One 7½x4½x10 F. C. Wells single direct acting boiler feed pump .....

No. 3444. Four Bilge pumps, 4 in. dia. each 1.00

No. 3472. One "Carter" improved boiler feeder and purifier .....

No. 3495. One 25x10x24 "Gordon" outside packed duplex plunger pump .....

No. 3513. One crank and fly wheel vertical hydraulic pump, walking beam type, steam cylinder 6x10, plunger 1x10 in....

AIR COMPRESSORS

This is only a short list, because we sell them about as fast as we have them for sale. Get in line and purchase quickly—that's the way to make money.

No. 022. One vertical duplex air compressor, 3x6, with driving pulley, suitable for low pressure.....

No. 325. One 6x7x6 low duty air compressor, steam driven .....

No. 2447. One 4 ton duplex single acting, belt driven ammonia compressor or ice machine .....

No. 2926. One belt driven Snyder Hughes duplex air compressor, double acting, with cylinders 12x12, with a capacity of 450 cubic feet of free air per minute. It is water jacketed in the cylinders and heads.....

No. 3023. One vertical, single acting ammonia compressor, belt driven, rated about 4 tons refrigeration, with tight and loose pulleys 48 in. dia. x 7½ in. face.....

No. 3029. One 6x6x10 American Air Brake Co. air compressor.....

Machinery of All Kinds.

BORING MILL.

No. M-42. One old style vertical boring mill; will take up to 10 ft. ..... WRITE FOR PARTICULARS.

TRAVELLING CRANE.

No. M-60. ONE LOCOMOTIVE TRAVELING CRANE, 8 ft., wheels 30 in. diameter x 8 in. face; boiler of the upright pattern, 36 in. dia. x 72 in. high; contains 48 2 in. flues, all complete; engines of the upright pattern, consisting of one pair link motion; cylinders 5 in. dia. x 8 in. stroke; drum 10 in. between flanges; capacity 200 ft. of ⅝ in. wire rope; main driving gear 30 in. dia., pinion 6 in. dia. x 3½ in. face, 1¼ in. pitch; has clutch lever and bevel gears for driving boom; the boom is 35 ft. long, is not of the swinging pattern, but turns with the crane. Complete with brakes, levers, clutches, etc. .....

No. 2714. One crusher adapted for crushing emery wheels or other hard substances, power driven, discharge opening 10 in. x 6 in.; will take pieces up to 12 in. square .....

DIAMOND DRILL.

No. 3377. One Bullock Champion diamond prospecting core drill with screw feed, complete with swivel head, necessary gauges and equipment .....

UNDERCUTTER.

No. 3197. One Ingersoll Sargeant undercutter.

TAPPET DRILL.

No. 3330. One 3 in. Sargeant Tappett drill, with tripod and weight .....

ROCK DRILLS.

No. 87. One 1¾ in. Bullock Monarch drill fitted for air or steam. 125.00

No. 88. Four 2 in. Bullock Monarch drills fitted for air or steam. Each 135.00

No. 89. Two 2¾ in. Bullock Monarch drills fitted for air or steam. Each 140.00

No. 90. Four 3⅛ in. Bullock Monarch drills fitted for air or steam. Each 150.00

No. 91. One U-A Sullivan drill for air 120.00

No. 92. Two U-C Sullivan drills for steam. Each 130.00

No. 93. Three U-E Sullivan drills for steam. Each 145.00

No. 94. One U-E No. 2 drill for steam 155.00

No. 95. Seven 2¾ in. Rand Little Giant drills. Each 125.00

No. 96. Three 3 in. Rand Little Giant drills. Each 140.00

No. 97. Two 3⅛ in. Rand Little Giant drills. Each 165.00

No. 98. One 2¾ in. Ingersoll drill for steam 125.00

No. 99. Three 3⅜ in. Ingersoll drills for steam. Each 165.00

No. 100. Three 3 1-16 in. Ingersoll drills for steam. Each 165.00

No. 101. Three 3¼ in. Ingersoll drills for steam. Each 170.00

The above drills are in first class condition throughout.

No. 3155. One 2¼ in. Rand drill, all complete .....

No. 3121. One drag saw .....

DRILLS.

No. M-103. Three bench drills, 4, 5, and 6 in. spindle .....

No. X-996. One brand new Silver drill. .....

No. 0331. One vertical drill press, screw feed; will drill to the center of a 28 in. circle; complete with countershaft .....

No. X-997. Same as No. X-996 .....

No. 0332. One vertical post drill, screw feed; will drill to the center of a 20 in. circle; shaft 6 ft. long; pulleys 12x3 .....

No. 3070. One 20 in. second hand Silver drill press. .....

No. 3173. One combined hand and power post drill with 3 step cone pulley; will drill to the center of a 14 in. circle. 10.00

No. 3206. Second-hand hand power post drill for power or hand; will swing 22 in., back geared. . 7.50

No. 3217. One vertical, single geared, table feed drill press; will drill to the center of an 8 in. circle; 4 step cone pulley, complete with countershaft; table 15 x 30. .....

No. 3243. One combined hand or power upright drill press; will drill to the center of a 26 in. circle; table feed and screw feed both; with hand wheel for hand and 4 step cone pulley for power; table 18x13 ..... 20.00

No. 3329. One vertical bench drill press, lever feed; will drill to the center of a 14 in. circle; 3 step cone pulley 9, 6, 4 ..... 9.00

All Offered Subject to Prior Sale.

MACHINERY—Continued.

No. 3349. One vertical, table feed drill press; will drill to the center of a 15 in. circle; square base with countershaft..... 35.00

No. 3885. One hand power vertical post drill; will drill to the center of a 20 in. circle.....

No. 3398. One 3 spindle bench drill.....

No. 3399. One bench drill, single spindle; will drill to the center of an 8 in. circle; lever feed, with countershaft.....

No. 3401. One power bench drill; will drill to the center of a 12 in. circle, with press down feed and drill chuck.....

No. 3068. One multiple turret drill with 6 heads.....

No. M-103. 400 ft. of 2 in. ash drill rods with couplings.....

BUFFING, POLISHING and EMERY STANDS.

No. 0183. Three double buffing stands with mandrel 48 in. long, driving pulley in center; will take two buffer wheels....

No. 2470. One heavy emery stand with 1½ in. mandrel and driving pulley, single head..... 22.50

No. 3137. One vertical adjustable emery grinder with mandrel ⅞ in. dia., belt pulley 3x1½.....

No. 3370. One foot power jeweler's em stand.....

No. 3384. One double emery stand with m drel 1¼ in., 36 in. long, tight and l pulley in center, complete with stan

No. 3400. One special automatic grinding for grinding hardened steel plates u 6 in. dia.....

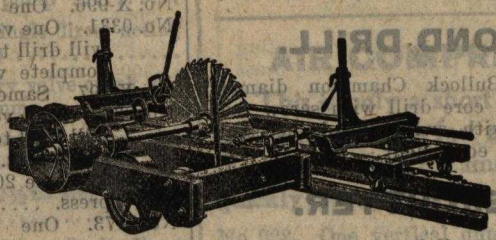
No. 3449. One bench emery stand with m drel 20 in. long; will take two em wheels up to 20 in. dia.; driving pu 2x2 in. center.....

No. 3476. One single head emery stand w mandrel 22 in. long; driving pulley center; will take one emery wheel in. face; driving pulley 4 in. dia 3½ in. face.....

EXHAUST HEAD.

No. M-3436. One galvanized exhaust head in.....

SAW MILLS.



The Finest Saw Mill Machinery in the World.

We offer you the Highest Grade Saw Mills on the market. They are absolutely NEW PERFECT, complete with more improvements than any other Saw Mill manufactured. They designed on thorough mechanical principles, securing EFFICIENCY, STRENGTH and RELIABIL combined with EASE OF HANDLING and LIGHT DRAFT.

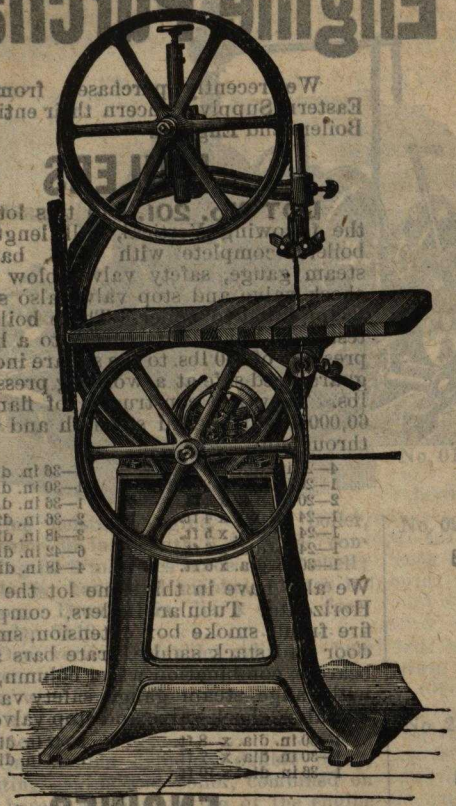
Improved Standard Circular Saw Mills. Mandrel and collar forged from one solid billet fine quality steel. Adjustable bearings filled with HIGH GRADE metal. Improved friction f (most EFFICIENT and RELIABLE feed built.) Feed shafts of polished steel, running in oil foun boxes. Adjustable standard saw guides. Ratchet setting head blocks, quick acting and CORR in their throwing. Polished steel shaft, key-wayed full length, connecting the blocks. Hi grade patent Automatic mill dogs. Heavily ironed carriage, with grooved and flat truck whe and rack. Inside top edge of carriage timbers ironed full length. Flat and tee track ironed tw the length of the carriage. One large mandrel nut wrench. All of good material and workm ship.

We are furnishing mostly the four sizes of Mills as follows:

No. 00 Mill with Head Blocks opening up to 26 inches.
No. 0 " " " " " " 30 "
No. 1 " " " " " " 34 "
No. 2 " " " " " " 38 "

Prices on application.

BRAND NEW BAND SAWS.



We thoroughly recommend these saws as representative of the highest grade goods on the market. They are strictly brand new and perfect.

They are intended for use in carriage and wagon shops, wood shops of various kinds, repair shops, and in fact every shop that does scroll sawing.

DESCRIPTION.

DIMENSIONS—Height over all, 66 inches. Floor to center of pulleys, 28½ inches. Floor to top of table, 40 inches. Table to upper saw guide when up, 7 inches. Saw to frame at back of table, 20 inches. Band wheels, 20 inches diameter. Floor space, 24x24 inches.

BAND WHEELS—Upper and lower wheels are turned perfectly true, balanced and covered with endless rubber tires of best quality. Upper wheel can be adjusted in any direction while machine is running, to keep saw in proper alignment, and has also an up and down adjustment of several inches, to accommodate saws of different lengths.

SAW BLADES—We furnish two saws with each machine—¼ and ⅜, No. 22 gauge, 10 feet 1 inch long, set and sharpened ready for use.

PULLEYS—Tight and loose, 7 inches diameter for 3 inch belt, provided with shifter and lever, as shown; no countershaft required.

FOOT POWER—When wanted we will fit the machine with foot-treadle and gearing, thus converting it to a foot-power machine. The treadles are arranged for one or two men. See pages following.

TABLE—20x24 inches, made of narrow hardwood strips, glued together and held permanent with iron cleats underneath. The table can be tilted to any desired angle for bevel sawing—especially desirable for pattern work.

SHIPPING WEIGHT—300 lbs.

SPEED—350 to 400 revolutions per minute.

PRICE—20 inch machine, with tight and loose pulley, exactly as shown in cut, $37.75

FOOT POWER SAW.

We also have this band saw arranged for foot power. It is provided with one heavy band wheel, gearing to increase the speed, and two treadles. The operator is enabled to attain a good speed and the heavy band wheel serves to carry past the dead point. There is always furnished an extra lever which is to bolt on to the left hand end of the foot treadle This is applied when the aid of a second hand is required on heavy work. In other respects general design and dimensions of the machine are same as described in above saw.

Each machine is furnished with two saw blades and outfit for brazing broken saws.

Weight, 350 lbs.

PRICE EACH—With gearing and foot treadles, for one or two men—no pulleys, $46.00

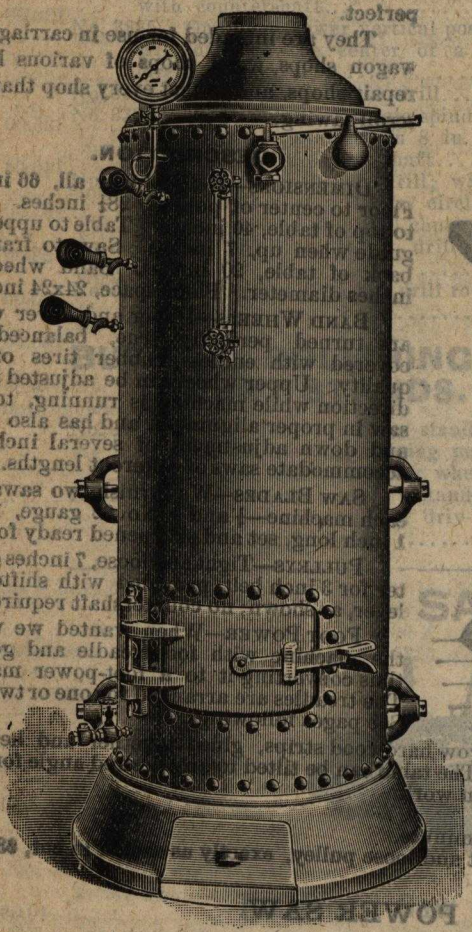
PRICE EACH—With foot power attachments and pulleys for foot or belt power, $50.00

32-INCH POWER BAND SAWS.

Constructed on same general lines as the saws described above, but with a higher degree of solidity. It is symmetrical and modern in design. Diameter of band wheels, 32 inches. Face of band wheels, 1¾ inches. Distance clear between saw and frame, 31 inches. Distance clear under guide when raised, 12 inches. Size of table, 24x28 inches. Height of table from floor, 40 inches.

PRICE ON APPLICATION.

A Boiler and Engine Purchase



We recently purchased from a large Eastern Supply Concern their entire stock of Boilers and Engines.

BOILERS

LOT No. 201. In this lot there are the following Vertical, full length tubular boilers, complete with hood, base, grates, steam gauge, safety valve, blow off valve, check valve and stop valve, also suitable injector fitted to boiler. These boilers are all tested by the manufacturers to a hydrostatic pressure of 150 lbs. to the square inch, and are guaranteed safe at a working pressure of 100 lbs. They are constructed of flanged steel, 60,000 lbs. stenciled strength and well built throughout.

4—20 in. dia. x 3 ft.	2—36 in. dia. x 6 ft.
1—20 in. dia. x 3½ ft.	1—30 in. dia. x 7 ft.
2—20 in. dia. x 4 ft.	1—36 in. dia. x 7 ft.
1—24 in. dia. x 4 ft.	2—36 in. dia. x 8 ft.
1—24 in. dia. x 5 ft.	3—48 in. dia. x 9 ft.
1—24 in. dia. x 6 ft.	6—42 in. dia. x 7 ft.
1—30 in. dia. x 6 ft.	4—48 in. dia. x 10 ft.

We also have in this same lot the following Horizontal Tubular Boilers, complete with fire front, smoke box extension, smoke head door and stack saddle, grate bars and grate bearers, combination water column, complete with gauge, steam gauge, safety valve, blow-off valve, check valve and stop valve.

1—30 in. dia. x 8 ft.	1—42 in. dia. x 10 ft.
1—30 in. dia. x 7 ft.	1—44 in. dia. x 14 ft.
1—36 in. dia. x 10 ft.	

ENGINES

LOT No. 202. The engines are all strictly high grade, modern in construction and design, a product of the most reputable and responsible manufacturers, and, of course, are fully warranted and fully guaranteed by the makers as well as ourselves. They now consist of the following vertical center crank or self-contained type of engines:

2—3	x 5	1—4	x 4	2—6	x 6
1—2½	x 3	1—4	x 5	2—7	x 7
1—3	x 3	1—5	x 7½	1—8	x 8

2—9	x 9
2—12	x 12

We also have in this same lot the following Horizontal, center crank or self-contained type of engines:

1—6 x 6	2—7 x 7	2—8 x 8	1—8 x 10
1—5 x 5	1—7 x 9	1—9 x 9	1—7½ x 10
1—6 x 8	2—7 x 10	1—9 x 12	

Also 1—6 x 6 Vertical Marine Engine with link motion and reversed lever.

We also have the following combined outfits, that is, engine and boiler on one base with all equipment, including suitable injector;

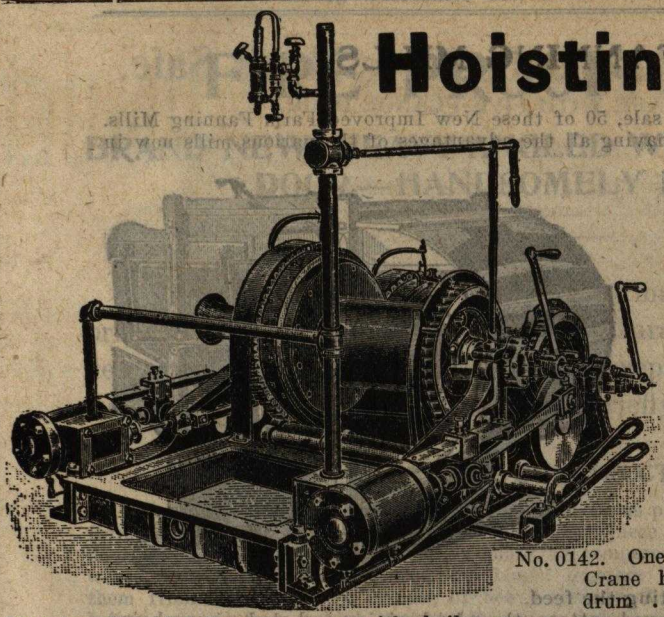
5—3 x 3 2—4 x 4 1—6 x 6

CONTRACTOR'S HOIST

Also one 5 x 7 Contractor's Hoist mounted on wheels, double cylinder, single drum. Cylinders 5 x 7, with link motion and complete with all equipment.

All of the Above is New Material.

Hoisting Rigs.



We are at all times prepared to furnish in addition to the Rigs described below, hoists of any style or size. The cut shows engines in lot No. 207. We bought twenty-five of these rigs, which we offer for quick delivery at very low prices.

No. 055. One hoisting engine, with boiler, diameter 36 in., length 6 ft. 6 in., containing 66 2 in. tubes made of 5-6 shell; heads ⅜, hand and manhole plates on bottom. Drum 24 in. dia. x 42 in. face, cylinder 8x12 .....

No. 077. One vertical, double cylinder, belt driven rope haulage engine, worm gear type, with two shrouded pulleys, 60 in. dia. x 8 in. face; cylinders about 6x8; on one base.....

No. 207. One double cylinder, double drum, hoisting engine and boiler, combined on one base. Nominal rating of the engine 10 H. P. Size of cylinder 5x8. Hoisting capacity with single rope at the average speed is 2,000 lbs. With two single blocks it will hoist two tons. With double and single blocks it will hoist 2½ tons. With double blocks it will hoist 3¾ tons. Weight of suitable pile driving hammer, 1,200 lbs. Drums are 12 in. dia. x 20 in. long. Boiler is 32 in. dia. x 60 in. high, containing 48 2 in. tubes. Length of tubes 38 in. Approximate shipping weight of the entire outfit, 6,000 lbs.....

One double cylinder, double drum, hoisting engine and boiler, combined on one base. Nominal rating of the engine 14 H. P. Size of cylinder 6¼x8. Hoisting capacity with single rope at the average speed is 3,500 lbs. With two single blocks it will hoist 3½ tons. With double and single blocks it will hoist 5 tons. With double blocks it will hoist 7 tons. Weight of suitable pile driving hammer 2,000 lbs. Drums are 14 in. dia. x 22 in. long. Boiler is 36 in. dia. x 72 in. high, containing 60 2 in. tubes. Length of tubes 45 in. Approximate shipping weight of the entire outfit, 7,650 lbs.....

No. 0142. One 7x10 vertical, double cylinder, Crane hoisting engine, complete with drum .....

No. 0993. One pair of link motion hoisting engines, with cylinders 5x7, with reverse lever and quadrant, and four sheaves grooved for ⅝ in. wire rope. Can be used for endless conveyor or derrick purposes, or rope haulage; also for hoisting in balance. Complete with lubricator, throttle valve, all pipe connections and the necessary trimmings.....

No. 2131. One double cylinder vertical "Crane" hoisting engine 6x8, with drum 24 in. dia. x 26 in. face; 28 grooves for ⅝ or ¾ in. cable.....

No. 2410. One 8x10 vertical, double cylinder, hoisting engine, with reverse motion; drum 30 in. dia. x 28 in. face, 27 grooves belt driven, all self contained on one stand .....

No. 3081. 6x8 vertical, double cylinder, reversible Crane elevator hoisting engine, drum 24 in. dia., grooved for ⅝ or ¾ in. cable, all self contained on one base.

No. 3354. One 12x16 double cylinder, single drum "Marinette" hoisting engine, with drum 5 ft. dia. x 4½ ft. face.....

No. 3355. One M. C. Bullock hoist, consisting of Webster, Camp & Lane drum, 5 ft. dia. x 9 ft. face, or we can make two drums, one 5 ft. face and the other 4 ft. face, direct connected to 18x24 in. "Atlas" slide valve engine, with double brake stands and all equipment..

No. 3356. One double cylinder, single drum, "Marinette" hoisting engine with drum 5 ft. dia. x 4½ ft. face, complete with brake and driving stands, cylinders 10x 14 .....

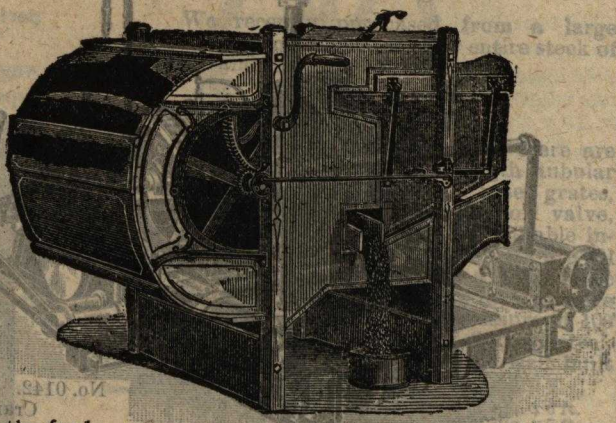
No. 3358. One 8x10 double cylinder Webster, Camp & Lane hoist, drum 36x36.....

Prices and Further Information on Application.

NEW FANNING MILLS.

We bought at manufacturer's sale, 50 of these New Improved Farm Fanning Mills. They are the best on the market, having all the advantages of the various mills now in use, and the following additional improvements:

Largely increased capacity over other mills in cleaning all kinds of grain and seeds; improved plan of hanging the shoe upon strong strap hinged hangers, thus preventing constant breakage; the manner in which the drum or head is fastened to the posts by means of a cast-iron half circle, and secured to the posts by screws (instead of cleats mortised into posts and held by wooden keys), adding increased strength and durability to the mill, and rendering it less liable to break when shipped in "knock down" shape; the great advantage of a screw to raise or lower the slide of the hopper with ease, in regulating the feed.



The irons are of the most approved pattern, the wheel, pinion and shake irons being extra strong. The gearing is all placed on the inside of the mill, out of the way. The bearing is formed by the hub of the large wheel running in a thimble or box, three inches long, of chilled iron, and extending through the posts, giving it a steady and easy motion.

We guarantee this mill in every way.

The fan and windboards are so arranged that the wind strikes the hurdle in such a manner as to blow all foul stuff and light grain over the hurdle. The side spout delivers the No. 1 grain at the side, and the No. 2 grain at the front of the mill. The grader can be so adjusted as to separate and deliver through the side spout a greater or less portion of the best grain. The wheat screens and grader are so arranged as to effectually take out cockle, chess, or cheat from No. 1 and No. 2 wheat.

Each mill is furnished with one wheat hurdle, one wheat screen and grader with side spout, one barley sieve, and one oat or corn sieve.

Sieves are 24 inches wide; heighth of mill, 3 ft. 5 in.; width of mill, 2 ft. 8 in.; capacity for cleaning, per hour, 60 to 90 bushels; shipping weight, 150 lbs. Farm mills are shipped "knock down," thus saving one-half in freight, as charged when set up.

Price for mill complete $11.00

STEAM 5-TON UNIVERSAL ROLLER.

This Roller was in use for a short time during the Louisiana Purchase Exposition, and is in first-class condition.

This roller weighs 5 tons without coal and water.

Front roll 40 in. in diameter and 44 in. wide.

Rear roll 42 in. in diameter and 44 in. wide.

Is equipped with hand-steering gear.

Has self-contained horizontal engine, 2 cylinders 5½ in. stroke, fitted with balanced valves and equipped with reversing valve gear. Cylinders are jacketed and provided with metallic piston rod packing.

Price on application.



FIRE PROOF SAFES.

BRAND NEW, HEAVY ANGLED WITH FIVE-FLANGED DOOR—HANDSOMELY FINISHED.



The purchase of a safe reliable in make and guaranteed fireproof is at once the simplest form of insurance. The safes herewith described are guaranteed absolutely as represented. We call attention to their construction and finish briefly, explained herewith:

GENERAL CONSTRUCTION.

The body of our safes are made of one continuous plate of **Wrought Steel**—not iron—forming the top, bottom and sides, the back is one piece of extra selected plate steel. The door is covered with an extra heavy plate of tempered, hammered wrought steel. The whole body is then firmly braced and bound together by heavy boiler rivets, preventing them from breaking open in case of heavy timbers falling upon them during a fire, or being dropped from a high story to the debris below. Having heavy angles on the front and rear of the safe, their massiveness are assured. They are made as nearly of **one solid piece of wrought steel** as is possible, and do not, therefore, have to rely on bolts and screws to hold them together.

All these safes are secured and protected by the Yale Combination Lock. This lock is absolutely non-pickable and consists of a series of tumblers so arranged as to be susceptible to one million combinations. The various changes in the combination can be made by a very simple process. Directions for operating the lock and changing the combination are furnished with each safe. This lock is so arranged that the door can be closed, bolts thrown and the dial turned from five to ten numbers (practically **locking the safe**) without throwing the combination, which is of great importance, especially when wishing to leave the office a few moments and at the same time have the safe locked; on your return simply reverse the dial to the last number on which the combination is set and you can open the safe.

DOORS.

The doors of all these safes are secured by heavy round bolts projecting from both sides of the door into the jambs of the safe. Have five and seven flanges or rebates, each of which will check the introduction of heat, and are covered on the outside with **one solid piece of hammered wrought steel.**

OUTSIDE HINGES.

They are securely riveted on the outside of the door and front frame, where they offer superior strength. They are secured without cutting and weakening the door frame and front plate, as in the ordinary safe, and create no large opening for the heat to be conveyed into the safe, as is the case with the ordinary cast iron hinges.

CONCRETE FILLING.

The walls of these safes are filled with an **absolutely fire-proof non-conducting** preparation; the chemical process of which is to produce a radical change in its properties when subjected to great heat, which effectually protects the contents from any fire that may surround the safe in a burning building. In a very short time after our filling is put in the safe it adheres to the steel and becomes perfectly dry and hard, forming a compact mass as resistable as granite, thereby adding firmness to the body of the safe, which is already secured to a very great extent in the construction of its shell by the heavy sheet of steel and rounded corners. It is self-evident that a safe **constructed and filled as ours** will offer more resistance than one with the body made up of **small pieces** fastened together with screws and bolts.

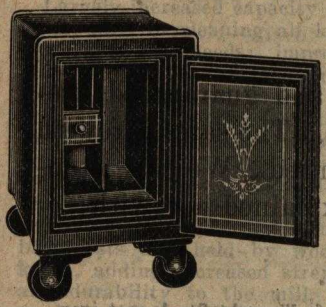
NAME OVER DOOR.

When so requested in order we will paint the name of purchaser over door of safe in shaded gold letters, of a neat design, without extra charge.

Fire Proof Household and Business Man's Safe.

HEAVY ANGLED SAFE WITH FIVE-FLANGE DOOR.

No. 414. Brand New.



OUTSIDE DIMENSIONS.

Depth....16 inches. Height....24 inches. Width....15 inches.

INSIDE DIMENSIONS.

Depth.... 9 inches. Height....12 inches. Width.... 8 inches.

Approximate Weight, 225 Pounds.

NO INSIDE DOOR.

ARRANGEMENT OF CABINET WORK.

One book space, 12 in. high, 3½ in. wide, 9 in. deep.
One sub-treasury, 5 in. high, 4 in. wide, 9 in. deep.
One book space, 4 in. high, 4¾ in. wide, 9 in. deep.
One drawer, 3 in. high, 4¾ in. wide, 9 in. deep.

Just the safe for mortgages, deeds, insurance papers, etc., for small business purposes and farmers.

PRICE, 16.00

No. 415. Brand New Fire Proof Safes.

HEAVY ANGLED WITH FIVE-FLANGE DOOR.

Outside Dimensions.

Height.....33 inches. Width.....22½ inches. Depth.....23 inches.

Inside Dimensions.

Height.....18 inches. Width.....14 inches. Depth.....14 inches.

This safe is also made with an inside door. Approximate weight, 750 pounds.

Arrangement of Cabinet Work.

One book space, 14 inches high, 9 inches wide, 13 inches deep.
One sub-treasury, 6 inches high, 4¾ inches wide, 10 inches deep.
One drawer, 3 inches high, 4¾ inches wide, 13 inches deep.
Two pigeon holes, 4½ inches high, 4¾ inches wide, 13 inches deep.

Price, Without inside door, **$29.00**

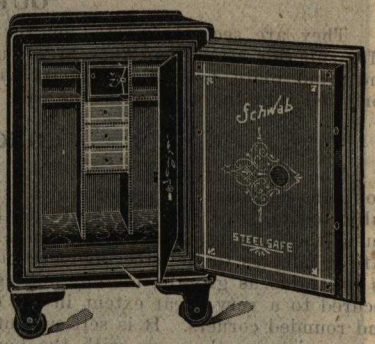
Price, With inside door, **31.00**

Lodge and Business Man's Safe.

No. 416. ANGLED SAFE WITH FIVE-FLANGE DOOR.

Arrangement of Cabinet Work.

Two book spaces, 19½ inches high, 6 inches wide, 15 inches deep.
One book space, 9½ inches high, 5½. inches wide, 15 inches deep.
One sub-treasury, 6½ inches high, 5½ inches wide, 12 inches deep.
Three drawers. 3 inches high, 5½ inches wide, 15 inches deep.
Four pigeon holes, 3 inches high, 6 inches wide, 15 inches deep.



Outside Dimensions.

Height....42 inches Width....27½ inches Depth....26 inches

Inside Dimensions.

Height....27 inches Width....18 inches Depth....16 inches

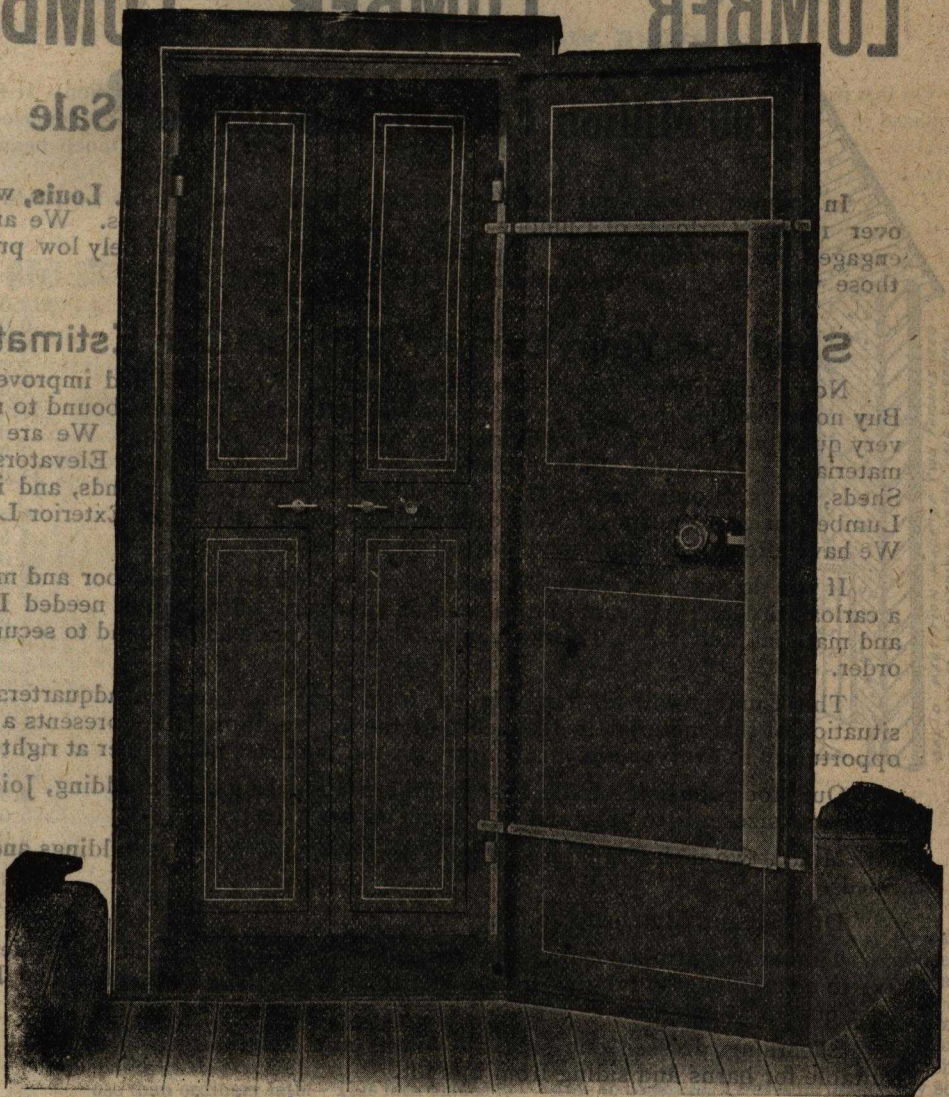
Approximate weight, 1700 pounds.

Price as shown, $44.00

These Safes are Fully Guaranteed.

Our Descriptions Represent Nothing but Facts.

FIREPROOF VAULT DOORS.



Bought at Receiver's Sale, these fine, brand new, modern Fireproof Vault Doors. They are designed to fit openings in vault walls: 79 inches high 32 inches wide, vestibule 21 inches deep, including plaster. Opening in doorway 76 inches high, 28 inches wide. Outer door plate 3-16 inch thick, angle bolt frame 1¾x1¾x3-16 inches, two cross bolts, one up and one down, ⅞ inch in diameter, cold drawn steel, 3x¼ inch carrying bar, 5x¼ inch lock rail, four tumbler 026 Combination Yale Lock on outside door. 8¼x3-16 inch front jamb bars, ¼x1¼ inch intermediate bars, 3-16x1¾x1¾ inch vestibule angle frame. No. 16 sheet iron vestibule plates, 3½x3-16 inch back jamb bars. No. 14 sheet steel double inside doors, paneled on all edges with 3-16x2 inch panel bars, with 4x3-16 inch lock rail across center. Flat key lock with duplicate steel keys, and flat up and down bolts on right hand door, two steel pin hinges on the outside door and two hinges each on the inside door. The flanges in rear of vestibule will be removable so that the vault front can be placed in position after wall is built. Handles, dial, hinge tips, round bolts and carrying bars heavily nickel plated or copper oxydized. Doors, inside and outside, painted and finished in first-class manner and workmanship. Vestibule painted inside and outside.

Price.....$60.00

WRITE FOR OUR LIST OF SECOND HAND VAULT DOORS.

LUMBER LUMBER LUMBER

100 Million Feet of Lumber for Sale

In connection with our purchase of the **World's Fair at St. Louis,** we have over 10,ooc Carloads of Lumber to offer at extremely low prices. We are now engaged in dismantling the Exposition and will make extremely low prices to those who will place their orders with us at once.

Send Us Your Lumber Bill for Our Estimate.

Now is the time to put into execution your long contemplated improvements. Buy now, because the price at which we will sell this Lumber is bound to move it very quickly. Don't wait until prices go down—they never will. We are selling material for Granaries, Barns, Houses, Warehouses, Churches, Elevators, Tool Sheds, Cribs, Stores, School Houses, Fair Buildings, Grand Stands, and in fact, Lumber for every purpose. We can furnish Interior as well as Exterior Lumber. We have already sold thousands of feet of this material.

If you do not want an entire carload, club in with your neighbor and make up a carload order. We want you to send us your carpenter's bill of needed Lumber and material, and we will make you such a low price as is bound to secure your order.

This Lumber will all be shipped from our St. Louis headquarters. The situation of this material in the heart of the Mississippi Valley presents a golden opportunity to everyone in this country for the purchase of Lumber at right prices.

Our stock consists of the best Southern Pine Lumber, Studding, Joists and Timbers; sizes 2x4 to 3x12 and in lengths up to 24 feet.

Mixed two-inch Planking, suitable for Barns, Cribs, Outbuildings and Drive Sheds.

Dressed and Matched Flooring, 2x6.

Timbers—Extra fine grade, nearly all of them dressed on four sides, sizes 4x4 to 20x24, lengths ranging from 8 feet to 80 feet. The largest stock of Timbers ever offered at one time.

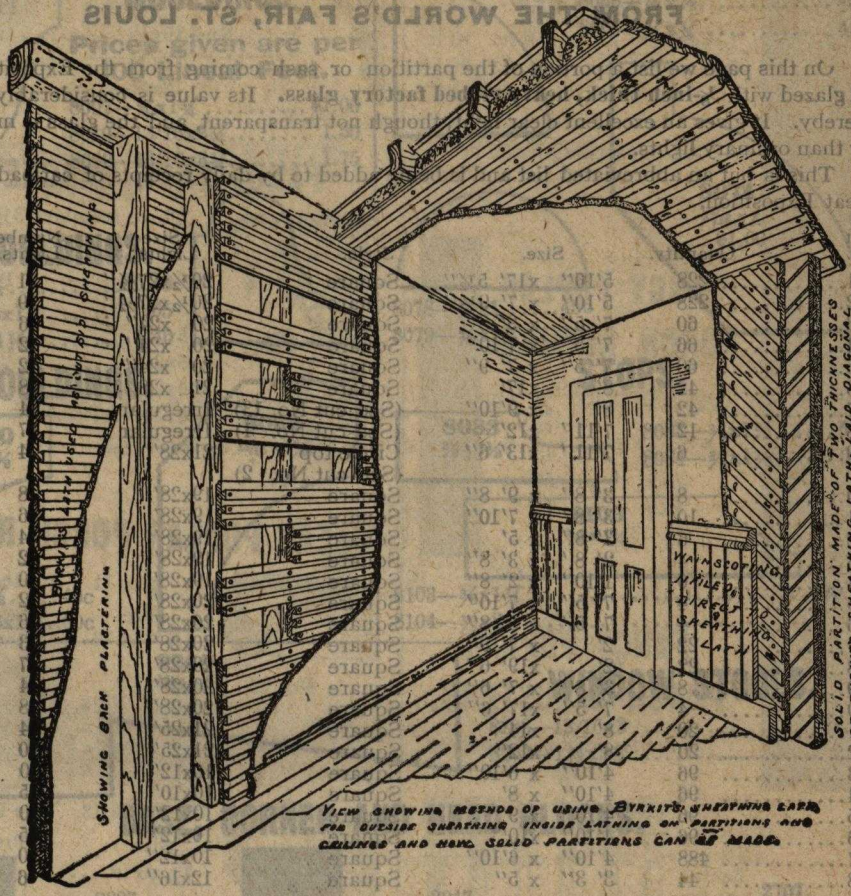
Sheathing, dressed one side, all widths and lengths. We can select lumber suitable for barns and siding from this lot.

1,000,000 feet of Lumber in short lengths; that is, in sizes 2x4, 2x6, 2x8, 2x10, 2x12, 3x10, 3x12, and 4, 6, 8, 10 and 12-inches wide. Also 4x4, 4x8, 6x8, 8x8, 8x10, 10x10, 10x12, 12x12, etc. It ranges in miscellaneous lengths from about four to ten feet. This short lumber would also answer for stock sheds. It is all good and sound. Ask for price.

We are making quotations on all of the above material only upon receipt of inquiry showing approximately the amount you are in the market for. Send us your carpenter's bill and save money. Don't wait until this material is all disposed of. Be alive to this opportunity.

Millions of Dollars worth of Lumber Material of all kinds for Sale from our St. Louis Yards.

Byrkit's Patent Sheathing and Lath



VIEW SHOWING METHOD OF USING BYRKIT'S SHEATHING LATH FOR OUTSIDE SHEATHING INSIDE LATHING ON PARTITIONS AND CEILINGS AND HOW SOLID PARTITIONS CAN BE MADE.

No. 814. We have on hand thousands of feet of the famous Byrkit's Patent Lath and Sheathing is, no doubt, needless for us to dwell too long on the merits of this material as it is well-kn to all. However, for the benefit of those who are not entirely familiar with this material, w say that it can be put on much more quickly than the ordinary 4 feet plastering lath, and away with so much waste of plaster and holds it more securely, and being matched, make excellent sheathing. This lath is made of No. 1 quality of lumber and will be taken out of buildings very carefully so as to preserve the tongue and groove. It is also much cheape use than ordinary lath. This lath makes it possible to construct a building practically solid, stantial, frost-proof and effectively fire-proof. It can also be used satisfactorily for roof sheat as shown in cut.

To figure the amount of patent lath you will require for your building, if you want 4 in. simply add 1-5 to the number of square feet to be used, and if the 6 in. is wanted add 1-8 to number of square feet to be used. This is to allow for the tongue and groove. Orders for quantity of this material can be promptly filled.

For 4 in. wide..... $10.00 per M.
" 6 " " ..... 11.00 per M.

Send us your complete list of building supplies which you require. We will n you an extremely low price. On application we will estimate the exact cost, including freight charges.

LARGE SASH AND PARTITION

FROM THE WORLD'S FAIR, ST. LOUIS

On this page we list a portion of the partition or sash coming from the Exposition. It is **all glazed with ⅛-inch thick, heavy ribbed factory glass.** Its value is considerably increased thereby. It gives an excellent clear light, though not transparent, and the glass is much heavier than ordinary lights.

This is but an abbreviated list and is being added to by daily receipts of carloads from the great Exposition.

Lot No.	Quantity.	Size.	Style.	Size Lights.	Number Lights.	Price.
211	228	5'10" x17' 5½"	Square	20½x27½"	21	$12.50
212	228	5'10" x 7' 9½"	Square	20½x27½"	19	6.00
213	60	7' 5" x 9' 8"	Square	20 x24"	16	8.00
214	66	7' 5" x 7'10"	Square	20 x24"	12	7.25
215	60	7' 5" x 7' 9"	Square	20 x24"	12	7.00
216	42	8' x17'	Square	21 x28"	28	17.00
217	42	8' x 9'10"	(See cut No. 13)	Irregular	4	7.00
218	12	7'11" x12'	(See cut No. 1)	Irregular	17	7.00
219	6	7'11" x13' 6"	Circle top (See cut No. 2)	21x28"	24	14.00
220	8	3' 8" x 9' 8"	Square	19x28"	8	5.00
221	10	3' 8" x 7'10"	Square	19x28"	6	3.50
222	6	3' 8" x 5'	Square	19x28"	4	2.00
223	4	2' 8" x 3' 8"	Square	19x28"	2	1.25
224	6	1'10" x 2' 8"	Square	19x28"	10	1.00
225	4	7' 5" x 7'10"	Square	20x28"	12	7.00
226	4	7' 5" x 9' 8"	Square	20x28"	16	8.50
227	22	2' x 7' 9"	Square	20x28"	3	2.00
228	22	2' x19' 6"	Square	20x28"	7	6.00
229	8	3' 8" x 7' 6"	Square	20x28"	14	4.50
230	4	7' 5" x17' 6"	Square	20x28"	28	30.00
231	20	8' x14'	Square	21x25"	24	16.00
232	20	8' x12"	Square	21x25"	20	12.50
233	96	4'10" x 6'10"	Square	10x12"	30	4.00
234	96	4'10" x 8'	Square	10x10"	35	5.00
235	96	4'10" x 9'	Square	10x12"	40	6.00
236	96	4'10" x10'	Square	10x12"	45	6.75
237	488	4'10" x 6'10"	Square	10x12"	30	3.75
238	44	3' 3" x 5"	Square	12x16"	6	1.25

SKYLIGHT AND ROOFING GLASS

A MILLION SQUARE FEET FOR SALE

Lot No. 943. 1,000,000 square feet of ¼-inch and ⅜-inch ribbed Roofing Glass. It is taken off of the various World's Fair buildings carefully, is as good as new and properly packed for shipment. It ranges in all lengths and 18 inches wide, lengths averaging about 8 feet.

Price, per square foot, ¼-inch thick..... $0.07

Price, per square foot, ⅜-inch thick..... .08

Special prices in large quantities.

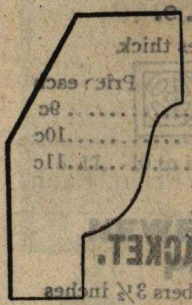
WOVEN WIRE SCREEN

Lot No. 944. 1,000,000 square feet of this Screen used under the roofing glass. It is made of No. 14 wire and is ¾-inch mesh.

Price, per square foot..... $0.02

MILL WORK OF ALL KIND.

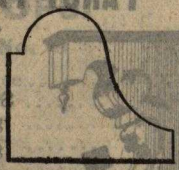
CROWN MOULDINGS.



Prices given are per 100 Lineal Feet.

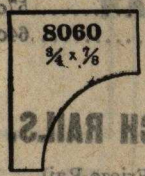
8007—¾x1¾ $1.00
8010—13/16x2¾..... 1.50
8009—13/16x3¾..... 1.75

BED MOULDINGS.



8035—¾x⅞.....$0.45
8036—13/16x1¼..... .65
8046—1⅛x1⅝..... 1.40

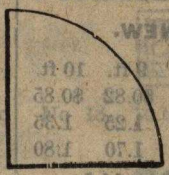
COVE MOULDINGS.



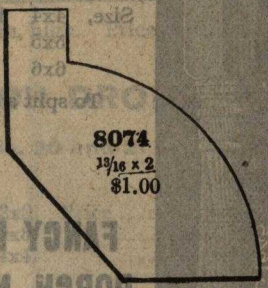


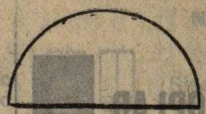
8060—¾x⅞.....45c
8061—13/16x1⅛..60c

QUARTER AND HALF ROUNDS.



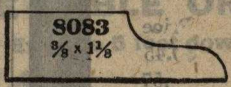
8066—⅞x⅞..... 45c
8065—¾x¾..... 45c



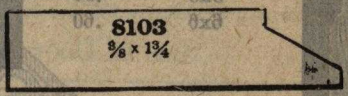


8078—½x1.....45c
8079—⅝x1¼....55c

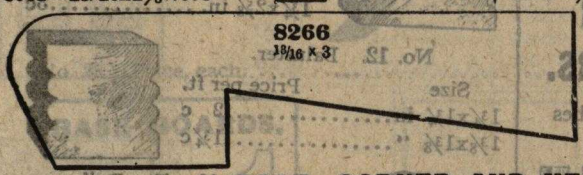
STOPS.



8083—⅜x1⅛.....50c
8084—⅜x1⅜..... 55c



8103—⅜x1¾ $0.75
8104—⅜x2..... .85



WINDOW STOOLS.

8266—13/16x3 ..... $1.45
8267—1⅛x3¾ 2.75

BASE, CORNER AND HEAD BLOCKS.



2827

Size, in.	Price
1⅛x4½x10	4½c
1⅛x5x10	4¾c
1⅛x5½x10	5 c



2947

Size, in.	Price
1⅛x4½x11	4½c
1⅛x5x11	4¾c
1⅛x5½x11	5 c



2707

Size, in.	Price
1⅛x4½x4½	2½c
1⅛x5x5	2¾c
1⅛x5½x5½	3 c

HARDWOOD THRESHOLDS.



Clear Maple.
Length 3 ft. Each 6c

Clear Oak.
Length 3 ft. Each 8c

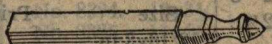
CORNER BEADS.



Size, 1⅜x4 ft. Price, each, 9c
" 1¾x4 ft. " " 11c

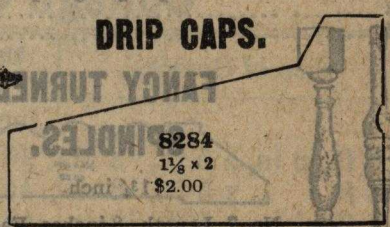
BASE ANGLE BEADS.

Saves mitering base.



Size, 1⅜ in. Price, each, 2c

DRIP CAPS.



8284—1⅛x2.....$2.00
8285—1⅛x2¼ 2.25
8286—1⅛x3..... 2.75

THIS IS ALL CLEAN NEW STOCK.



PAINTED POPLAR PORCH COLUMNS.

BRAND NEW.

Length,	8 ft.	9 ft.	10 ft.
Size, 4x4	$0.75	$0.82	$0.85
5x5	1.15	1.25	1.35
6x6	1.50	1.70	1.80

To split a column add 5c.

FANCY POPLAR PORCH NEWELS.

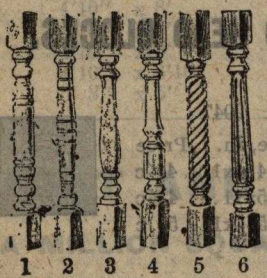


Length 4 feet.

Size	Price
4x4	$0.45
5x5	.57
6x6	.60

FANCY POPLAR PORCH BALUSTERS.

1¼ inches square, 20 inches long.



	Each
Nos. 1, 2, 3, 4,	$0.06
No. 5	.11
No 6	.19



FANCY TURNED SPINDLES.

1¼ inch.

No. 7, Length 8 inches, Each 2 c
No. 8, " 10 " " 2¼c

FANCY BRACKETS.

NO. 9.



No. 9

1⅜ inches thick.

Size	Price each
10x12	9c
" 12x14	10c
" 12x16	11c

FANCY FACE BRACKET.



No. 10

Three members 3½ inches thick.

Size	Price each
8x16	42c
8x20	49c
8x24	53c
10x20	53c
10x24	57c
10x30	64c

CLEAR POPLAR PORCH RAILS.



No. 11. Frieze Rail.

Size	Price per ft.
1¼x2⅝ in.	3c



No. 12. Baluster.

Size	Price per ft.
1¼x1¼ in.	2 c
1⅜x1⅜ "	1¼c



No. 13. Top Rail.

Size	Price per ft.
1¼x3 in.	3¾c



No. 14. Top Rail.

Size	Price per ft.
2¼x3¼ in.	6c



No. 15. Bottom Rail.

Size	Price per ft.
1¼x3½ in.	4c

No. 16. Foot Rail.

Size	Price per ft.
13/16x3 in.	3c

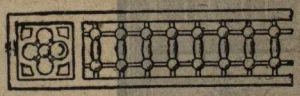


OUR PRICES ARE ALWAYS RIGHT.

PORCH GRILLES.



No 17. 10 to 12 in. high. Price, per foot..35c



No 18. 10 to 12 in, high. Price, per foot..55

NEWEL AND FENCE POST TOPS.

No. 19



19

Size 3x3.	Price.....	each,	8c
" 4x4.	"	"	10c
" 5x5.	"	"	17c
" 6x6.	"	"	20c
" 8x8	"	"	40c



20 21

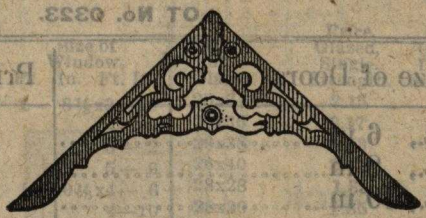
PORCH DROPS.

Nos. 20 and 21

Size 2x2.	Price.....	each,	4
" 3x3.	"	"	6
" 4x4.	"	"	12

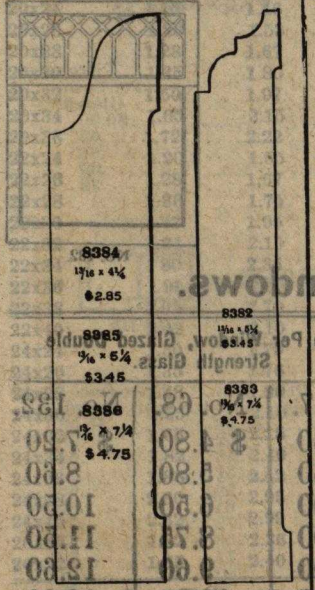
FANCY ADJUSTABLE GABLE ORNAMENTS.

Adjustable to any pitch. Extends 5 feet down gable



No 28. Price, each..... $1.

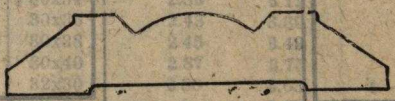
BASE BOARDS.



Prices are per 100 Lineal Feet.

CASINGS.

Prices given are per 100 lineal feet.



No. 8320.	1⅜x3¼	$2.
No. 8321.	1⅜x4¼	2.
No. 8322.	1⅜x4¾	3.
No. 8322	1⅜x5¼	3.



No. 8324.	1⅜x3¼	$2.
No. 8325.	1⅜x4¼	2.
No. 8326.	1⅜x4¾	3.
No. 8327.	1⅜x5¼	3.

If You Need any of this Class of Material Not Listed Write for Our Prices



Brand New Front Doors.

English Grained.

Sand Blast Fancy Glass. 1¾ Inch Thick

LOT No. 0322

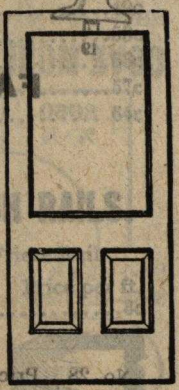
Size of Doors	Price, Each.
2 ft., 6 in. x 6 ft., 6 in.	$2.75
2 ft., 8 in. x 6 ft., 8 in.	2.85
2 ft., 8 in. x 7 ft.	3.15
3 ft. x 7 ft.	3.30

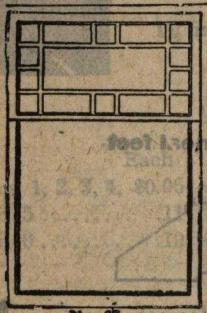
Brand New Painted Glazed Doors.

1¾ Inch Thick Raised Panels.

LOT No. 0323.

Size of Doors	Price, Each.
2 ft., 6 in. x 6 ft., 6 in.	$2.50
2 ft., 8 in. x 6 ft., 8 in.	2.75
2 ft., 10 in. x 6 ft., 10 in.	3.00
3 ft. x 7 ft.	3.25





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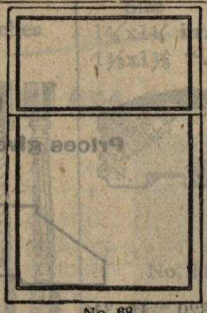

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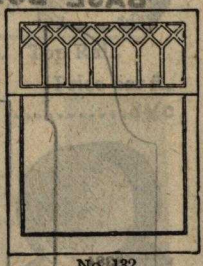
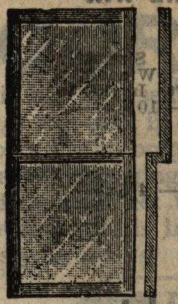


No. 132.

Cottage Check Rail Windows.

Size of Opening.	Size of Bottom Light.	Size of Top Light.	Price Per Window, Glazed Double Strength Glass.		
	Inches.	Inches.	No. 67.	No. 68.	No. 132.
3 ft., 8 in. x 5 ft., 2 in.	40x42	40x14	$ 5.60	$ 4.80	$ 7.20
4 ft. x 5 ft., 6 in.	44x44	44x16	6.60	5.80	8.60
4 ft., 4 in. x 5 ft., 10 in.	48x46	48x18	9.00	6.50	10.50
4 ft., 6 in. x 6 ft., 2 in.	50x48	50x22	10.00	8.75	11.50
4 ft., 8 in. x 6 ft., 6 in.	52x50	52x20	11.00	9.60	12.60
5 ft., x 7 ft., 2 in.	56x56	56x24	14.70	13.25	16.20



BRAND NEW

No. 195



Two Light Check Rail Windows.

1⅜ Inch Thick.

Size of Glass	Price, Glazed, Single Strength	Price, Glazed Double, Strength	Size of Window. Ft.	In.	Ft.	In.
16x24	$0.98	$1.28	1	8⅛x3	1	10
16x26	1.15	1.50			4	2
16x28	1.17	1.55			5	2
16x30	1.22	1.65			5	6
18x24	1.07	1.43	1	10⅛x4	1	6
18x26	1.17	1.59			4	10
18x28	1.24	1.68			5	2
18x30	1.25	1.70			5	6
18x32	1.35	1.85			6	2
18x34	1.58	2.12			6	2
20x24	1.15	1.46	2	0⅛x4	1	6
20x26	1.20	1.58			4	10
20x28	1.28	1.67			5	2
20x30	1.35	1.80			5	6
20x32	1.50	1.97			5	10
20x34	1.65	2.15			6	2
20x36	1.72	2.22			6	6
22x24	1.20	1.55	2	2⅛x4	1	6
22x26	1.28	1.67			4	10
22x28	1.36	1.75			5	2
22x30	1.47	1.95			5	6
22x32	1.61	2.10			5	10
22x34	1.80	2.34			6	2
22x36	1.95	2.65			6	6
22x38	2.05	2.70			6	10
22x40	2.42	3.10			7	2
24x24	1.30	1.75	2	4⅛x4	1	6
24x26	1.35	1.76			4	10
24x28	1.48	1.90			5	2
24x30	1.55	2.10			5	6
24x32	1.65	2.15			5	10
24x34	1.82	2.40			6	2
24x36	1.88	2.42			6	6
24x38	2.30	2.95			6	10
24x40	2.32	2.99			7	2
26x30	1.82	2.36	2	6⅛x5	1	6
26x32	1.85	2.40			5	10
26x34	2.15	2.75			6	2
26x36	2.17	2.80			6	6
26x38	2.43	3.17			6	10
26x40	2.47	2.80			7	2
28x28	1.83	2.40	2	8⅛x5	1	2
28x30	1.85	2.45			5	6
28x32	2.17	2.82			5	10
28x34	2.31	3.00			6	2
28x36	2.43	3.18			6	6
28x38	2.46	3.21			6	10
28x40	2.50	3.25			7	2
30x24	1.77	2.45	2	10⅛x4	1	6
30x26	1.98	2.70			4	10
30x28	2.00	2.75			5	2
30x30	2.30	3.08			5	6
30x32	2.35	3.10			5	10
30x34	2.39	3.12			6	2
30x36	2.43	3.38			6	6
30x38	2.45	3.49			6	10
30x40	2.87	3.75			7	2
32x30	2.80	3.63	3	0⅛x5	1	6
32x32		3.65			5	10
32x36		4.14			6	6
32x40		4.80			7	2
34x26	2.60	3.31	3	2⅛x4	1	10
34x30	2.85	3.66			5	6
34x32		3.67			5	10
34x34		4.18			6	2
34x36		4.50			6	10
34x38		4.88			7	2
34x40		4.83			7	2
36x30	3.00	3.90	3	4⅛x5	1	6
36x32		4.35			5	10
36x34		4.65			6	2
36x36		4.75			6	6
36x38		5.75			6	10
36x40		5.85			7	6

Get Our Prices on Household Goods—We will Save you Money.

Four-Light Check Rail Windows.



No. 190.

Thickness 1⅜

Size of Glass.	Price per Window, Glazed.	Size of Window. Ft.	In.	Ft.	In.
10x20	$0.95	2—	1x3—	10	
12x22	1.08		4—	2	
12x24	1.10		4—	6	
12x26	1.19		4—	10	
12x28	1.28		5—	2	
14x20	1.09	2—	5x3—	10	
14x24	1.28		4—	6	
14x26	1.36		4—	10	
14x28	1.43		5—	2	
16x30	1.57		5—	6	
16x32	1.66		5—	10	
16x36	1.90		6—	6	
16x38	2.10		6—	10	
16x40	2.22		7—	2	
18x24	1.47	3—	9x4—	6	
18x26	1.65		4—	10	
18x28	1.69		5—	2	
18x30	1.84		5—	6	
18x32	1.95		5—	10	
18x34	2.15		6—	2	
18x36	2.18		6—	6	
18x38	2.34		6—	10	
18x40	2.39		7—	2	

Eight-Light Check Rail Windows.

Thickness 1⅜.

191.

Size of Glass.	Price per Window, Glazed.	Size of Window. Ft.	In.	Ft.	In.
10x12	$1.00	1—	11x4—	6	
10x14	1.20		5—	2	
12x12	1.10	2—	1x4—	6	
12x14	1.20		5—	2	
12x16	1.40		5—	10	
14x18	1.75		6—	6	
14x20	1.90		7—	2	
14x14	1.40	2—	5x5—	2	
14x16	1.55		5—	10	
16x18	1.75		6—	6	
16x20	2.15		7—	2	
16x16	1.40	2—	9x5—	10	
16x18	2.05		6—	6	
16x20	2.25		7—	2	
16x22	2.70		7—	10	

Twelve-Light Check Rail Windows.

Thickness 1⅜

192

Size of Glass.	Price per Window, Glazed.	Size of Window. Ft.	In.	Ft.	In.
10x10	$1.08	2—	4½x3—	10	
10x12	1.30		4—	6	
10x14	1.35		5—	2	
12x12	1.50	2—	7½x4—	6	
12x13	1.52		4—	10	
12x14	1.54		5—	2	
12x15	1.80		5—	6	

TWELVE-LIGHT CHECK RAIL WINDOWS.—Continued.



Size of Glass.	Price per Window, Glazed.	Size of Window. Ft.	In.	Ft.	In.
10x12	1.50	2—	10½x4—	6	
10x14	1.70		5—	2	
10x16	2.00		5—	10	
10x18	2.30		6—	6	
10x20	2.52		7—	2	
12x14	2.10	3—	4½x5—	2	
12x16	2.32		5—	10	
12x18	2.50		6—	6	
12x20	2.90		7—	2	

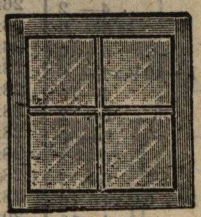


No. 193.

Two-Light Cellar Sash.

Thickness 1⅞.

Size of Glass.	Price, Each, Glazed.	Size of Sash. Ft.	In.	Ft.	In.
10x12	$0.45	2—	1x16		
10x14	.50	2—	1x18		
10x16	.58	2—	1x20		
10x18	.66	2—	1x22		
12x14	.60	2—	5x18		
12x16	.70	2—	5x20		
12x18	.74	2—	5x22		
14x16	.80	2—	9x20		
14x18	.87	2—	9x22		
14x20	.97	2—	9x24		

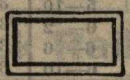


No. 112.

Four-Light Barn Sash.

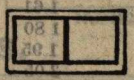
Thickness 1⅛

Size of Glass.	Price Per Sash, Glazed.
8x10	$0.50
9x12	.62
9x14	.68
10x12	.69
10x14	.78



No 114.

TRANSOMS.



No. 113.

Size of Sash Ft.	In.	In.	Price Two Light, Glazed.	Price One Light, Glazed.
2—	6	x12	$0.50	$0.56
2—	6	x14	.52	.58
2—	6	x16	.58	.64
2—	8	x12	.51	.57
2—	8	x14	.56	.60
2—	8	x16	.61	.65
2—	8	x18	.72	.78
2—	10	x14	.58	.65
2—	10	x16	.72	.80
2—	10	x18	.80	.88
3—	0	x16	.75	.82
2—	0	x18	.88	.96

DOOR LIST.

This list represents what we have on hand at this time in addition to the regular doors shown on previous pages. It is constantly changing, therefore all items are offered subject to prior sale. If you do not find in this list what you require tell us your wants.

NEW DOORS.

Lot No. 1. One door 3 feet. x 8 ft. x 1⅜ in., 8 moulded panels, No. 1 cypress. Price $2.75

Lot No. 2. One door 3 ft. x 8 ft. x 1⅜ in., 5 O. G. panels, No. 1 white pine. Price 3.50

Lot No. 3. One door 2 ft. 8 in. x 8 ft. x 1¾ in., 4 O. G. panels, somewhat soiled. Price 2.00

Lot No. 4. One door 2 ft. 2 in. x 8 ft. x 1¾ in., 6 cross panels, No. 1 white pine. Price 2.00

Lot No. 5. Two doors 3 ft. x 8 ft. 6 in. x 1¾ in., 4 O. G. panels, No. 1 white pine. Price, each 2.50

Lot No. 6. One door 2 ft. 8 in. x 8 ft. x 1¾ in., 4 O. G. panels, No. 1 white pine. Price 2.00

Lot No. 7. Five doors 2 ft. 10 in. x 8 ft. x 1¾ in., 4 O. G. raised panels, No. 1 white pine. Price, each 2.00

Lot No. 8. One door 3 ft. 6 in. x 8 ft. x 1¾ in., 2 panels below, 4 cross panels above, No. 1 white pine. Price 3.50

Lot No. 9. One door 3 ft. x 9 ft. x 1¾ in., 5 O. G. raised panels, No. 1 white pine. Price 2.50

Lot No. 10. One door 2 ft. 8 in. x 7 ft. 6 in. x 1¾ in., 6 moulded panels, No. 1 cypress. Price .. 2.00

Lot No. 11. One door 2 ft. x 9 ft. x 1⅜ in., 4 O. G. raised panels. Price 1.00

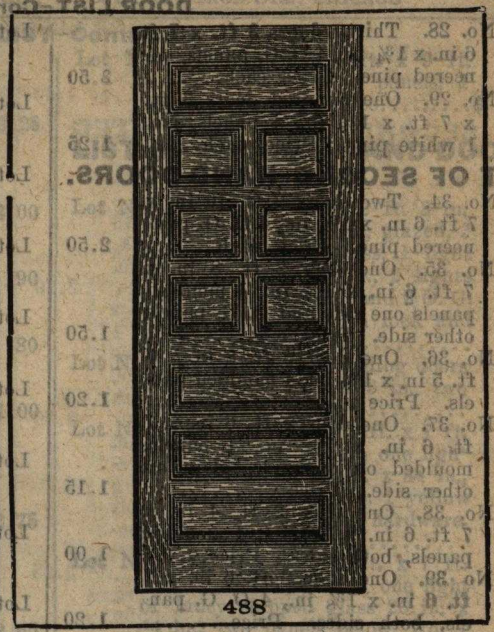
Lot No. 12. One door 2 ft. 5 in. x 7 ft. 6 in. x 1¾ in., 4 O. G. raised panels, No. 1 white pine. Price 1.50

Lot No. 13. Three doors 3 ft. x 7 ft. 6 in. x 1¾ in., 4 O. G. raised panels, No. 1 white pine, somewhat soiled. Price, each 1.75

Lot No. 14. One door 2 ft. 4 in. x. 7 ft. 6 in. x 1¾ in., 5 O. G. raised panels, No. 1 white pine. Price 1.50

Lot No. 15. One door 2 ft. x 7 ft. x 1⅜ in., 5 O. G. raised panels, No. 1 cypress Price 7.25

Lot No. 16. One door 2 ft. 8 in. x 7 ft. 6 in. x 1¾ in., 4 O. G. panels, No. 1 white pine, somewhat soiled. Price 1.50



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Lot No. 17. One door 2 ft. 8 in. x 8 ft. x 1¾ in., 4 O. G. raised panels, burnt on edges, but can be trimmed down. Price ..... $ 1.25

Lot No. 18. One door 3 ft. x 8 ft. x 1¾ in., 4 O. G. raised panels, No. 1 white pine, slightly soiled Price 2.00

Lot No. 19. One door 2 ft. 6 in. x 7 ft. 6 in., 1¾ in., 5 O. G. raised panels, No. 1 white pine. Price 1.50

Lot No. 20. One door 2 ft. x 7 ft. x 2 in., 5 cross panels. Price 3.00

Lot No. 21. One door 3 ft. x 7 ft. 6 in. x 1⅜ in., 5 O. G. raised panels, No. 1 white pine. Price ... 1.50

Lot No. 22. One door 2 ft. x 7 ft. 6 in. x 1⅜ in., 4 O. G. raised panels, No. 1 white pine. Price... 1.30

Lot No. 23. Fifteen doors 3 ft. x 7 ft. 6 in. x 1⅜ in., 4 O. G. raised panels, No. 2 white pine Price, each 1.40

Lot No. 24. Eight doors 2 ft. 10 in. x 7 ft. 6 in. x 1¾ in., 4 panels, No. 2 white pine, smoked and slightly damaged. Price, each.... 1.50

Lot No. 25. Twenty doors 2 ft. 10 in. x 7 ft. 6 in. x 1¾ in., 4 O. G. raised panels, No. 1 white pine. Price, each 2.00

Lot No. 26. Two doors 2 ft. 8 in. x 7 ft. 6 in. x 1¾ in., 4 O. G. panels, No. 1 white pine. Price, each 1.75

Lot No. 27. Twenty-five doors 2 ft. 10 in. x 8 ft x 1¾ in., 4 O. G. panels, No. 1 white pine. Price, each 2.25

DOOR LIST—Continued.

Lot No. 28. Thirty doors 3 ft. x 7 ft. 6 in. x 1¾ in., 4 O. G. panels, veneered pine. Price, each..... 2.50

Lot No. 29. One hundred doors 3 ft. x 7 ft. x 1⅜ in., 4 panels, No. 1 white pine. Price, each..... 1.25

LIST OF SECOND-HAND DOORS.

Lot No. 34. Two doors 2 ft. 10 in. x 7 ft. 6 in. x 1⅜ in., 4 O. G. panneered pine. Price, each.....$ 2.50

Lot No. 35. One door 2 ft. 8 in. x 7 ft. 6 in. x 1¾ in., 4 moulded panels one side and O. G. panels other side. Price..... 1.50

Lot No. 36. One door 2 ft. 8 in. x 7 ft. 5 in. x 1⅜ in., 4 moulded panels. Price 1.20

Lot No. 37. One door 2 ft. 6 in. x 7 ft. 6 in. x 1¾ in., 4 panels, moulded on one side, plain on other side. Price..... 1.15

Lot No. 38. One door 2 ft. 4 in. x 7 ft. 6 in. x 1⅜ in., 4 moulded panels, both sides. Price..... 1.00

Lot No 39. One door 2 ft. 6 in. x 7 ft. 6 in. x 1⅜ in., 4 O. G. panels, both sides. Price..... 1.20

Lot No. 40. One door 2 ft. 10 in. x 7 ft. 4 in. x 1¾ in., 4 O. G. panels, slightly damaged. Price 1.40

Lot No. 41. One door 2 ft. 8 in. x 7 ft. 4 in. x 1¾ in., 5 moulded panels. Price 1.20

Lot No. 42. One door 2 ft. 10 in. x 7 ft. x 1⅜ in., 4 plain panels. Price ..... .75

Lot No. 43. One door 2 ft. 6 in. x 7 ft. 6 in. x 1¾ in., 4 O. G. panels, lock and knobs. Price..... 1.60

Lot No. 44. One door 2 ft. 6 in. x 7 ft. 4 in. x 1¾ in., 4 O. G. panels. Price 1.50

Lot No. 45. One door 2 ft. 8 in. x 7 ft. 8 in. x 1¾ in., 6 moulded panels, 2 large below, 4 small ones above. Price..... 1.75

Lot No. 46. One door 2 ft. 6 in. x 7 ft. 4 in. x 1⅜ in., 4 moulded panels, both sides. Price..... 1.15

Lot No. 47. One door 2 ft. 2 in. x 7 ft. 3 in. x 1¾ in., 5 moulded panels. Price 1.50

Lot No. 48. One door 2 ft. 10 in. x 7 ft. 3 in. x 1⅜ in., 4 panels slightly damaged. Price..... .90

Lot No. 49. One door 2 ft. 4 in. x 6 ft. 11 in. x 1¾ in., 4 O. G. raised panels. Price..... 1.25

Lot No. 50. One door 3 ft. 2 in. x 7 ft. 6 in. x 1¾ in., 4 O. G. panels, somewhat soiled. Price..... 1.60

Lot No. 51. One door 2 ft. 10 in. x 7 ft. 6 in. x 1¾ in., 5 O. G. raised panels, lock. Price..... 1.75

Lot No. 52. Three doors 2 ft. 8 in. x 6 ft. 10 in. x 1⅜ in., 4 O. G. panels, damaged. Price each... .75

Lot No. 53. One door 2 ft. 6 in. x 6 ft. 9 in. x 1⅜ in., 4 O. G. raised panels. Price .....$ .90

Lot No. 54. Four doors 3 ft. x 7 ft. x 1⅜ in., 4 panels, somewhat soiled. Price, each..... 1.10

Lot No. 55. Two doors 3 ft. x 7 ft. x 1⅜ in., 6 O. G. raised panels, painted. Price, each..... 1.25

Lot No. 56. One door 2 ft. 10 in. x 6 ft. 1⅜ in., 4 O. G. raised panels, 1 cracked panel. Price... 1.00

Lot No. 57. Three doors 2 ft. 8 in x 6 ft. 8 in. x 1⅜ in., 4 O. G. raised panels, soiled. Price, each .90

Lot No. 58. One door 2 ft. 10 in. x 6 ft. 6 in. x 1⅜ in., 4 O. G. raised panels. Price..... 1.10

Lot No. 59. One door 2 ft. 6 in. x 7 ft. x 4 in., 4 moulded panels, both sides. Price..... 1.20

Lot No. 60. One door 3 ft. x 8 ft. 6 in. x 1¾ in., 4 moulded panels, lock and knobs. Price 2.35

Lot No. 61. One door 2 ft. 6 in. x 7 ft. 6 in. x 1¾ in., 4 O. G. panels both sides, first class condition. Price 2.25

Lot No. 62. 1 door 2 ft. 4 in. x 8 ft. 2 in. x 1¾ in., 4 moulded panels, lock and knobs. Price 1.75

Lot No. 63. One door 3 ft. x 7 ft. x 1¾ in., 5 O. G. panels, damaged on edge but can be trimmed down. Price 1.00

Lot No. 64 Three doors, 2 ft. 6 in. x 7 ft. 6 in. x 1⅜ in., 4 O. G. panels, lock and knobs. Price, each 1.40

Lot No. 65. Two doors 2 ft. 6 in. x 7 ft. 4 in. x 1⅜ in., 4 panels, moulded on one side, plain on the other side. Price, each 1.00

Lot No. 66. One door 20 in. x 7 ft. x 1⅜ in., 4 moulded panels, lock and knobs. Price 1.00

Lot No. 67. Two doors 2 ft. 8 in. x 7 ft x 1⅜ in., 4 O. G. panels, lock and knobs. Price, each 1.25

Lot No. 68. One door 2 ft. 6 in. x 7 ft. x 1⅜ in., 4 O. G. panels, lock and knobs. Price 1.35

Lot No. 69. One door 2 ft. 8 in. x 6 ft. 8 in. x 1⅜ in., 4 O. G. raised panels, lock and knobs. Price 1.25

Lot No. 70. Eighteen doors 3 ft. x 8 ft. x 1¾ in., 5 moulded round cornered panels; oak grained; complete with hardware. Price, each 2.00

Lot No. 71. Eight doors 3 ft. x 8 ft. x 1¾ in., 4 moulded panels, oak, grained, complete with hardware. Price, each 2.50

DOOR LIST—Continued.

Lot No. 72. Twelve doors 2 ft. 11 in. x 7 ft. 6 in. x 1¾ in., 4 panels, No. 1 yellow pine complete with hardware. Price, each.....$ 3.25

Lot No. 73. Ten doors 3 ft. x 8 ft. x 1¾ in., 4 panels, No. 1 yellow pine complete with hardware. Price, each 3.00

Lot No. 74. One door 2 ft. 6 in. x 7 ft. 1⅜ in., 4 moulded panels, both sides. Price ..... .90

Lot No. 75. One door 3 ft. x 7 ft. 6 in. x 1¾ in., 4 moulded panels, 2 panels slightly cracked. Price .. .80

Lot No. 76. One door 3 ft. x 7 ft. 8 in. x 1¾ in., 6 O. G. panels, somewhat damaged. Price.... 1.00

Lot No. 77. Sixty-five doors 3 ft. x 7 ft. 6 in. x 1¾ in., 4 cross panels, complete with hardware; No. 1 white pine, painted white, solid brass knobs. Price, each 2.75

Lot No. 78. Six doors 2 ft. 8 in. x 7 ft. 6 in. x 1¾ in., 4 cross panels, complete with hardware; No. 1 white pine, painted white, solid brass knobs. Price, each 2.65

Lot No. 79. Three doors 2 ft. 6 in. x 7 ft. 6 in. x 1¾ in., 4 cross panels, complete with hardware; No. 1 white pine, painted white, solid brass knobs. Price, each 2.50

Lot No. 80. Two doors 2 ft. 10 in. x 7 ft. 6 in. x 1¾ in., 3 cross panels below; one open panel glazed with fancy etched glass 24x15; complete with hardware; solid brass knobs. Price, each 3.00

Lot No. 81. Two doors 3 ft. x 7 ft. 6 in. x 1¾ in., 3 cross panels below, 1 open panel in top; adjustable transom. Price, each.. 3.00

Lot No. 82. One door 2 ft. 6 in. x 7 ft. 6 in. x 1¾ in., 3 cross panels below, same as lot 80. Price.. 2.75

Lot No. 83. Two doors 2 ft. 6 in. x 7 ft. 6 in. x 1⅜ in., 6 O. G. panels. Price, each 1.10

Lot No. 84. One door 2 ft. 6 in. x 8 ft. x 1¾ in., 4 O. G. raised panels, lock and knobs. Price.. 1.60

Lot No. 85. One door 2 ft. 8 in. x 8 ft. x 1¾ in., 4 moulded panels, both sides, lock and knobs. Price 1.40

Lot No. 86. One door 2 ft. 6 in. x 8 ft. 6 in. x 1¾ in., 4 O. G. panels. Price..... 1.50

Lot No. 87. One door 2 ft. 10 in. x 8 ft. x 1¾ in., 4 O. G. panels. Price 1.75

Lot No. 88. One door 3 ft. x 8 ft. x 1¾ in., 4 O. G. raised panels, 1 panel slightly cracked. Price.. 1.25

Lot No. 89. One door 2 ft. 8 in. x 7 ft. 6 in. x 1¾ in., 4 O. G. raised panels. Price 1.20

Lot No. 90. One door 2 ft. 4 in. x 7 ft. 10 in. x 1¾ in., 4 moulded panels. Price 1.15

Lot No. 91. One door 3 ft. x 9 ft. x 1¾ in., 4 moulded panels, 1 slightly cracked. Price.....$ 1.00

LIST OF SECOND-HAND DOORS.

Glazed.

Lot No. 113. Seven doors 2 ft. 8 in. x 7 ft. 6 in. x 1⅜ in., glazed, 3 lights of roofing glass, 1 light above 22 in. x 12 in., 2 lights below 10 in. x 36 in., and 2 O. G. panels, complete with lock and knobs. Price, each..... 3.00

Lot No. 114. One pair of sliding doors 3 ft. 1 in. x 9 ft. x 3 in., two panels below. Price 6.00

Lot No. 114A. Ten doors 3 ft. x 7 ft. 6 in. x 1¾ in., glazed, one light of frosted glass 26 in. x 44 in., two panels below, No. 1 yellow pine, complete with hardware. Price, each 4.00

Lot No. 115. One door 3 ft. x 7 ft. 4 in. x 1¾ in., glazed, one light of fancy chipped glass 26 in. x 44 in., two panels below, No. 1 yellow pine; complete with hardware. Price 4.50

Lot No. 116. One door 3 ft. 2 in. x 7 ft. 5 in. x 1¾ in., glazed, 1 light of frosted glass, 26 in. x 44 in., glass is cracked on side but can be used; 2 panels below; complete with hardware. Price. 3.50

Lot No. 117. Five doors 3 ft. x 7 ft. 6 in. x 1¾ in., glazed, 1 light of fancy chipped glass 26 in. x 44 in., 2 panels below, complete with hardware. Price, each 4.50

Lot No. 118. Seven doors 3 ft. x 8 ft. x 1¾ in., glazed, 1 light of frosted glass 26 in. x 52 in., 2 panels below, complete with hardware. Price, each 5.00

Lot No. 119. Five doors 3 ft. x 8 ft. x 1¾ in., glazed, 1 light of fancy chipped glass 26 in. x 48 in., 2 moulded panels below, oak, grained, complete with hardware. Price, each 5.00

Lot No. 120. Three doors 3 ft. x 7 ft. 11 in. x 1¾ in., 1 light of fancy chipped glass 26 in. x 46 in., glass is rounded at the corners, 2 panels below, oak, grained, complete with hardware. Price 4.50

Lot No. 121. Four doors 3 ft. x 7 ft. 11 in. x 1¾ in., glazed, 3 lights of round-cornered glass, 2 moulded panels below, complete with hardware. Price, each 3.50

Lot No. 122. One door 2 ft. 4 in. x 7 ft. 6 in., glazed, 1 light of clear plate glass 19 in. x 64 in., 1 panel below, 2 swinging hinges. Price 8.00

Lot No. 123. One door 2 ft. 6 in. x 7 feet 8 in. x 1¾ in., glazed, 1 light of frosted glass 19 in. x

50 in., 2 moulded panels below, complete with lock and key. Price ..... $ 4.00

SECOND-HAND UNGLAZED DOORS.

Lot No. 124. Five doors 3 ft. x 8 ft. x 1¾ in., unglazed, 1 light, size of opening for glass 26 in. x 48 in., 2 moulded panels below, oak, grained, complete with hardware. Price, each 2.50

Lot No. 125. Nine doors 2 ft. 11 in. x 7 ft. 6 in. x 1¾ in., unglazed, 1 light, size of opening for glass 26 in. x 46 in., 2 panels below, No. 1 yellow pine, complete with hardware. Price, each 2.50

Lot No. 126. Eight doors 2 ft. 11 in. x 6 ft. 11 in. x 1¾ in., unglazed, 1 light, size of opening for glass 26 in. x 38 in., 2 panels below, No. 1 yellow pine, complete with hardware. Price, each 2.25

Lot No. 127. Two doors 3 ft. x 7 ft. 4 in. x 1¾ in., unglazed, 1 light, size of opening 26 in. x 38 in., 2 panels below, No. 1 yellow pine, complete with hardware. Price, each 2.40

Lot No. 128. Two doors 2 ft. 11 in. x 7 ft. 5 in. x 1¾ in., unglazed size of opening 26 in. x 38 in., 2 panels below, No. 1 yellow pine, complete with hardware. Price, each 2.40

Lot No. 129. One door 3 ft. x 7 ft. x 1⅜ in., new, unglazed, 1 light, size of opening for glass 26 in. x 30 in., 3 panels above, glass 7 in. x 7 in., 3 panels below, glass 7 in. x 7 in., 2 O. G. panels below these; English grained. Price 2.50

Lot No. 130. One door 3 ft. x 7 ft. x 1⅜ in., unglazed, 1 light, size of opening for glass 27 in. x 44 in., 2 O. G. panels below, painted. Price 1.50

Lot No. 131. One door 3 ft. x 7 ft. 6 in. x 1¾ in., unglazed, 1 light, size of opening for glass 24 in. x 64 in., 3 small 7 in. x 7 in. panels below. Price 2.00

Lot No. 132. One door 27 in. x 7 ft. 4 in. x 1¾ in., unglazed, 4 light, size of opening for glass 11 in. x 25 in., 2 panels below. Price .. 1.25

Lot No. 133. One door 2 ft. 11 in. x 7 ft. 4 in. x 1¾ in., unglazed, 2 lights, size of opening for glass 26 in. x 24 in., 2 moulded panels below. Price 1.25

Lot No. 134. One door 2 ft. 5 in. x 7 ft. 6 in. x 1¾ in., unglazed, 1 light, size of opening for glass 18 in. x 38 in., 1 moulded panel below, somewhat damaged. Price 1.00

Lot No. 135. One door 2 ft. 10 in. x 6 ft. 7 in. x 1¾ in., unglazed, 1 light, size of opening for glass 26 in. x 46 in., 2 panels below. Price ..... $ 1.50

Lot No. 136. One door 2 ft. 8 in. x 7 ft. 6 in. x 1¾ in., unglazed, 4 lights, size of opening for glass 10 in. x 25 in., 2 O. G. panels below. Price 1.50

SECOND-HAND OAK DOORS.

Lot No. 52. Thirty-five doors 2 ft. 6 in. x 7 ft. x 1¾ in., 6 cross panels 2.50

Lot No. 53. 25 doors, 2 ft. 6 in. x 7 ft. x 1¾ in., 5 cross panels. Price 2.50

Lot No. 54. 75 doors, 2 ft. 8 in. x 7 ft. x 1¾ in., 5 cross panels. Price.. 2.50

Lot No. 55. 25 doors, 2 ft. 8 in. x 6 ft. 10 in. x 1¾ in., 5 cross panels. Price..... 2.25

Lot No. 56. 5 doors, 2 ft. 6 in. x 6 ft. 9 in. x 1¾ in., 5 cross panels. Price 2.25

Lot No. 57. 2 doors, 2 ft. 6 in. x 6 ft. 10 in. x 1¾ in., 6 cross panels. Price..... 2.25

Lot No. 58. 5 doors, 2 ft. 6 in. x 6 ft. 9 in. x 1¾ in., 5 cross panels. Price 2.25

Lot No. 59. 5 doors, 2 ft. 8 in. x 6 ft. 9 in. x 1¾ in., 6 cross panels. Price 2.25

Lot No. 60. 3 doors, 2 ft. 8 in. x 6 ft. 8 in. x 1¾ in., 6 cross panels. Price 2.25

Lot No. 61. 4 doors, 2 ft. 3 in. x 6 ft. 11 in. x 1¾ in., 5 cross panels. Price 2.10

Lot No. 62. 2 doors, 2 ft. x 6 ft. 3 in. x 1¾ in., 5 cross panels. Price 2.00

Lot No. 63. 1 door, 2 ft. 6 in. x 6 ft. 3 in. x 1¾ in., 5 cross panels. Price 2.10

Lot No. 64. 1 door, 2 ft. 8 in. x 6 ft. 6 in. x 1¾ in., 5 cross panels. Price 2.25

Lot No. 65. 1 pair doors, 2 ft. 6 in. x 8 ft. 6 in. x 1¾ in., for opening 5 ft. x 8 ft. 6 in. Price, each, ... 5.00

Lot No. 66. 1 door, 2 ft. 5 in. x 7 ft. x 1¾ in., 5 cross panels. Price each 2.25

Lot No. 67. 1 door, 2 ft. 4 in. x 7 ft. x 1¾ in. Price, each..... 2.25

Lot No. 68. 1 door, 2 ft. 6 in. x 6 ft. 4 in. x 1¾ in., 5 cross panels. Price 2.10

Lot No. 69. 1 door, 2 ft. 2 in. x 6 ft. 9 in. x 1¾ in., 5 cross panels. Price 2.10

DOOR LIST—Continued.

LIST OF OAK DOORS.

Lot No. 137. Twenty-one oak doors, 3 ft. 8 in. x 7 ft. 8 in., x 1¾ in., 6 moulded panels, complete with hardware. Price, each..... $4.00

Lot No. 138. One oak door, 3 ft. 8 in. x 8 ft. 9 in. x 1¾ in., 6 moulded panels, complete with hardware. Price 5.00

Lot No. 139. One oak door, 3 ft. 2 in. x 8 ft. 10 in. x 1¾ in., 6 moulded panels, complete with hardware. Price..... 4.50

Lot No. 140. Two oak doors, 2 ft. 4 in. x 6 ft. x 1⅜ in., 5 moulded panels, complete with hardware. Price, each..... 2.50

Lot No. 141. One oak door, 2 ft. 2 in. x 6 ft. 8 in. x 1⅜ in., 5 moulded panels, complete with hardware. Price..... 2.25

Lot No. 142. One oak door, 2 ft. 8 in. x 7 ft. x 1⅜ in., 5 moulded panels, complete with hardware. Price 2.50

Lot No. 143. One oak door, 2 ft. 8 in. x 7 ft. x 1¾ in., 6 moulded panels, complete with hardware. Price..... 2.75

Lot No. 144. Two oak doors, 2 ft. 8 in. x 7 ft. 7 in. x 1¾ in., 6 moulded panels, complete with hardware. Price, each..... 3.00

Lot No. 145. Two oak doors, 3 ft. 2 in. x 7 ft. 7 in. x 1¾ in., 6 moulded panels, complete with hardware. Price, each..... 3.75

Lot No. 146. Two oak doors, 3 ft. 8 in. x 7 ft. 6 in. x 1¾ in., 6 moulded panels, complete with hardware. Price, each..... 4.00

Lot No. 147. Two oak doors, 4 ft. 5 in. x 7 ft. 6 in. x 1¾ in., 6 moulded panels, complete with hardware. Price, each..... 6.00

Lot No. 148. One pair of oak sliding doors, 2 ft. 6 in. x 7 ft. x 1¾ in., glazed one light, each door 20x43 in., one panel below, complete with hardware. Price.... 10.00

Lot No. 149. One oak door, 2 ft. 6 in. x 7 ft. x 1¾ in., glazed one light of frosted glass 21x42 in., one large square panel below. Price. 5.00

Lot No. 150. Two oak doors, 2 ft. 8 in. x 6 ft. 10 in. x 1¾ in., glazed one light of clear glass 22x26 in., 4 cross panels below. Price, each 4.00

Lot No. 151. One oak door, 2 ft. 8 in. x 6 ft. 10 in. x 1¾ in., glazed 1 light of clear glass 20 x26 in., 3 cross panels below. Price 4.00

Lot No. 152. Three oak doors, 3 ft. 2 in. x 7 ft. x 1¾ in., unglazed 1 light, size opening for glass 28x43 in., 1 large square panel below, complete with hardware. Price, each .....$ 3.75

Lot No. 153. Three oak doors, 3 ft. x 7 ft. x 1¾ in., unglazed 1 light, size of opening for glass 26x43 in., 1 large square panel below, complete with hardware. Price, each 3.50

Lot No. 154. One oak door, 3 ft. 1 in. x 7 ft. 2 in. x 1⅜ in., unglazed 1 light, size of opening for glass 26x43 in., 1 large square panel below, complete with hardware. Price 3.25

SECOND-HAND DOUBLE DOORS.

Lot No. 92. One pair of 21 in. x 7 ft. 6 in. x 1¾ in., 3 O. G. panels. Price per pair 2.00

Lot No. 93. One pair of doors, 2 ft. 5 in. x 7 ft. 6 in. x 2 in., 2 moulded panels. Price per pair..... 4.00

Lot No. 94. One pair of doors, 2 ft. 6 in. x 7 ft. 6 in. x 1⅜ in., 4 O. G. panels. Price per pair..... 3.00

Lot No. 95. One pair of doors, 2 ft. 10 in. x 7 ft. 6 in. x 1¾ in., unglazed 4 lights to each door, size of opening 12x14 in., 3 panels below, oak. Price per pair.... 6.00

Lot No. 96. One pair of doors, 2 ft. 4 in. x 8 ft. 6 in. x 2 in., 1 cross panel at top, 1 O. G. panel in center, 1 cross O. G. panel below, 1 panel at bottom. Price per pair..... 5.00

Lot No. 97. One pair of doors, 3 ft. 2 in. x 8 ft. 3 in. x 3 in., glazed, 1 light of clear glass 14x26 in., 2 large panels below. Price per pair 7.00

Lot No. 98. One pair of doors, 3 ft. 5 in. x 7 ft. 6 in. x 3 in., glazed, 1 light 18x26 in., 2 large panels below. Price per pair..... 6.00

Lot No. 99. One pair of doors, 2 ft. 8 in. x 8 ft. 6 in. x 2¼ in., glazed, 1 light of clear glass 18x58 in., 1 square panel below, complete with hardware. Price per pair. 15.00

Lot No. 100. One pair of swinging doors, 3 ft. 2 in. x 7 ft. 5 in. x 2 in., glazed, 1 light of clear glass 28x50 in., 1 glass slightly cracked, 1 large square panel below. Price per pair..... 10.00

Lot No. 101. One pair of doors, 3 ft. 1 in. x 5 ft. 10 in. x 2¾ in., glazed, 1 light of clear glass 24 x42 in., 1 large square panel below, complete with hardware. Price per pair..... 9.00

Lot No. 102. Two pair of doors, 3 ft. 1 in. x 6 ft. 7 in. x 2¾ in., glazed, 1 light of clear glass 24x 40 in., 1 large square panel below, complete with hardware. Price per pair..... 8.00

LIST OF SECOND-HAND SASH.

All in Good Condition.

Lot No. 1. Eight, opening 4 ft. x 5 ft. 6 in., 18 lights, 10x18 in. glass. Price.....$ 2.00

Lot No. 2. Six, opening 4 ft. 8 in. x 4 ft. 7 in., 4 lights, 25x25 in. glass. Price..... 1.75

Lot No. 3. Two, opening 3 ft. 2 in. x 7 ft., 8 lights, 16x16 in. glass. Price..... 2.00

Lot No. 4. Thirteen, opening 2 ft. 4 in. x 3 ft. 8 in., 1 light, 24x38 in. glass. Price..... 1.00

Lot No. 5. Twelve, opening 4 ft. x 3 ft. 9 in., 2 lights, 22x42 in. glass. Price..... 1.40

Lot No. 6. One, opening 3 ft. 8 in. x 3 ft., 2 lights, 20x30 in. glass. Price..... 1.00

Lot No. 7. One, opening 2 ft. 10 in. x 3 ft. 8 in., 1 light, 30x40 in. glass. Price..... 1.25

Lot No. 8. One, opening 3 ft. x 2 ft. 6 in., 1 light, 26x32 in. glass. Price..... .85

Lot No. 9. One, opening 3 ft. 2 in. x 2 ft. 6 in., 1 light, 30x26 in. glass. Price..... 1.10

Lot No. 10. One, opening 2 ft. 5 in. x 3 ft. 6 in., 1 light, 25x28 in. glass. Price..... .75

Lot No. 11. Five, opening 3 ft. 2 in. x 4 ft. 2 in., 2 lights, 17x46 in. glass. Price..... 1.40

Lot No. 12. One, opening 2 ft. 9 in. x 4 ft., four lights, 14x22 in. glass. Price..... .90

Lot No. 13. One, opening 2 ft. 8 in. x 3 ft. 6 in., 4 lights, 14x20 in. glass. Price..... .80

Lot No. 14. Two, opening 2 ft. 11 in. x 2 ft. 11 in., 12 lights, 7x9 in. glass. Price..... .75

Lot No. 15. One, opening 3 ft. 1 in. x 3 ft. 4 in., 2 lights, 16x36 in. glass. Price..... 1.00

Lot No. 16. One, opening 2 ft. 7 in. x 3 ft., 1 light, 32x28 in glass. Price..... 1.20

Lot No. 17. Two, opening 2 ft. 5 in. x 4 ft. 10 in., 4 lights, 12x26 in. glass. Price..... 1.25

Lot No. 18. One, opening 2 ft. 10 in. x 5 ft. 8 in., 10 lights, 13x15 in. glass. Price..... 1.60

Lot No. 19. One, opening 2 ft. 9 in. x 3 ft. 4 in., 2 lights, 14x36 in. glass. Price..... .70

Lot No. 20. One, opening 3 ft. 3 in. x 3 ft. 4 in., 2 lights, 18x36 in. glass. Price..... 1.00

Lot No. 21. Six, opening 3 ft. 9 in. x 4 ft. 2 in., 2 lights, 20x46 in. glass. Price..... 1.60

Lot No. 22. One, opening 3 ft. x 3 ft. 3 in., 2 lights, 16x36 in. glass. Price..... .90

Lot No. 23. One, opening 3 ft. 11 in. x 4 ft., 2 lights, 21x44 in. glass. Price.....$ 1.50

Lot No. 24. Twenty, opening 3 ft. 5 in. x 4 ft. 6 in., 4 lights, 18x24 in. glass. Price..... 1.60

Lot No. 25. Six, opening 3 ft. 5 in. x 4 ft. 2 in., 4 lights, 18x23 in. glass. Price..... 1.40

Lot No. 26. One, opening 3 ft. 5 in. x 4 ft. 11 in., 4 lights, 19x26 in. glass. Price..... 1.70

Lot No. 27. Two, opening 2 ft. 8 in. x 3 ft. 6 in., 4 lights, 14x20 in. glass. Price..... .80

Lot No. 28. One, opening 3 ft. 9 in. x 2 ft. 4 in., 2 lights, 20x24 in. glass. Price..... .75

Lot No. 29. One, opening 2 ft. 5 in. x 3 ft. 6 in., 1 light, 25x38 in. glass. Price..... 1.25

Lot No. 30. Three, opening 3 ft. 8 in. x 4 ft. 10 in., 4 lights, 20x26 in. glass. Price..... 2.00

Lot No. 31. One, opening 2 ft. 9 in. x 4 ft., four lights, 14x32 in. glass. Price..... .90

Lot No. 32. One, opening 2 ft. 11 in. x 4 ft. 2 in., 2 lights, 15x44 in. glass. Price..... 1.30

Lot No. 33. Ten, opening 3 ft. 1 in. x 4 ft. 9 in., 4 lights, 16x26 in. glass. Price..... 1.55

Lot No. 34. One, opening 3 ft. 5 in. x 3 ft. 6 in., 2 lights, 18x36 in. glass. Price..... 1.25

Lot No. 35. One, opening 2 ft. 7 in. x 4 ft. 6 in., 2 lights, 24x28 in. glass. Price..... 1.00

Lot No. 36. Two, opening 3 ft. 9 in. x 2 ft. 6 in., 2 lights, 20x26 in. glass. Price..... .90

Lot No. 37. One, opening 5 ft. 6 in. x 3 ft. 4 in., 8 lights, 15x18 in. glass. Price..... 1.60

Lot No. 38. One, opening 3 ft. 9 in. x 6 ft. 10 in., 6 lights, 20x26 in. glass. Price..... 2.50

Lot No. 39. One, opening 3 ft. 9 in. x 6 ft. 6 in., 4 lights, 20x36 in. glass. Price..... 2.50

Lot No. 40. One, opening 3 ft. 11 in. x 5 ft. 10 in., 4 lights, 21x33 in. glass. Price..... 2.00

Lot No. 41. One, opening 5 ft. 6 in. x 3 ft. 7 in., 3 lights, 20x36 in. glass. Price..... 2.25

Lot No. 42. One, opening 5 ft. x 6 ft., 12 lights, 15x20 in. glass. Price. 3.00

Lot No. 43. Ten, opening 3 ft. 10 in. x 4 ft. 6 in., 6 lights, 16x24 in. glass. Price..... 1.50

Lot No. 44. One, opening 4 ft. 5 in. x 4 ft. 7 in., 4 lights, 24x26 in. glass. Price..... 2.25

Lot No. 45. One, opening 4 ft. 1 in. x 5 ft., 4 lights, 22x28 in. glass. Price..... 2.50

WE CAN SAVE YOU MONEY ON NAILS. LOOK THIS UP.

SASH LIST—Continued.

Lot No. 46. One, opening 3 ft. 6 in. x 4 ft., 4 lights, 18x22 in. glass. Price ..... $ 1.10

Lot No. 47. One, opening 3 ft. 5 in. x 4 ft. 1 in., 6 lights, 12x22 in. glass. Price 1.20

Lot No. 48. One, opening 3 ft. 6 in. x 4 ft. 5 in., 4 lights, 18x22 in. glass. Price 1.40

Lot No. 49. One, opening 4 ft. 6 in. x 4 ft. 8 in., 4 lights, 24x26 in. glass. Price 2.00

Lot No. 50. One, opening 2 ft. 9 in. x 4 ft. 10 in., 4 lights, 14x28 in. glass. Price 1.15

Lot No. 51. One, opening 3 ft. x 3 ft. 2 in., 6 lights, 10x16 in. glass. Price ..... .90

Lot No. 52. One, opening 2 ft. 8 in. x 4 ft., 4 lights, 12x24 in. glass. Price ..... .80

Lot No. 53. Six, opening 3 ft. 5 in. x 4 ft. 5 in., 6 lights, 12x24 in. glass. Price 1.25

Lot No. 54. One, opening 3 ft. 9 in. x 3 ft., 6 lights, 12x16 in. glass. Price ..... .90

Lot No. 55. One, opening 2 ft. 4 in. x 4 ft. 6 in., 4 lights, 12x26 in. glass. Price ..... .80

Lot No. 56. Two, opening 2 ft. 9 in. x 4 ft. 6 in., 4 lights, 14x25 in. glass. Price ..... .90

Lot No. 57. Two, opening 2 ft. 9 in. x 4 ft. 2 in., 4 lights, 14x23 in. glass. Price ..... .80

Lot No. 58. Two, opening 2 ft. 9 in. x 4 ft. 11 in., 4 lights, 14x28 in. glass. Price 1.20

Lot No. 59. One, opening 3 ft. 8 in. x 3 ft. 4 in., 2 lights, 20x36 in. glass. Price ..... .90

Lot No. 60. One, opening 2 ft. 5 in. x 2 ft. 8 in., 4 lights, 12x14 in. glass. Price ..... .50

Lot No. 61. One, opening, 3 ft. 3 in. x 3 ft. 9 in., 4 lights, 17x20 in. glass. Price ..... .90

OAK SASH.

Lot No. 62. Two, opening 3 ft. 10 in. x 3 ft. 1 in., 1 light, 42x32 in. glass. Price 1.50

Lot No. 63. One, opening 3 ft. 4 in. x 2 ft. 10 in., 1 light, 30x30 in. glass. Price 1.00

Lot No. 64. One, opening 2 ft. 1 in. x 2 ft., 1 light, 22x22 in. glass. Price ..... .50

Lot No. 65. One, opening 2 ft. 6 in. x 2 ft. 4 in., 1 light, 26x24 in. glass. Price ..... .70

Lot No. 66. One, opening 3 ft. x 2 ft. 4 in., 1 light, 32x24 in. glass. Price 1.00

Lot No. 67. One, opening 2 ft. 11 in. x 2 ft. 8 in., 1 light, 30x28 in. glass. Price ..... .90

Lot No. 68. Two, opening 3 ft. 2 in. x 2 ft. 9 in., 1 light, 34x30 in. glass. Price ..... $ 1.50

Lot No. 69. One, opening 3 ft. 2 in. x 2ft. 6 in., 1 light, 34x26 in. glass. Price 1.40

Lot No. 70. Two, opening 3 ft. x 2 ft. 9 in., 1 light, 31x28 in glass. Price 1.50

OAK SASH WITH CHIPPED GLASS

Lot No. 71. Four, opening 3 ft. 2 in. x 2 ft. 9 in., 1 light, 34x30 in. glass. Price ..... $ 1.30

Lot No. 72. One, opening 5 ft. x 2 ft. 9 in., 1 light., 56x30 in glass. Price 2.50

Lot No. 73. One, opening 3 ft. x 2 ft. 10 in., 1 light, 33x32 in. glass. Price 1.40

Lot No. 74. One, opening 2 ft. 11 in. x 2 ft. 6 in., 1 light, 32 x 28 in. glass. Price 1.25

Lot No. 75. One, opening 4 ft. 1 in. x 22 in., 1 light, 46x20 in. glass. Price 1.30

Lot No. 76. One, opening 4 ft. x 3 ft., 1 light, 46x34 in. glass. Price.. 2.50

Lot No. 77. One, opening 2 ft. 8 in. x 2 ft. 10 in., 1 light, 30x28 in. glass. Price 1.00

TRANSOM SASH.

Lot No. 78. 21 transoms 21x36 in., 1 light 17x33 in. fancy colored glass. Price ..... $ .75

Lot No. 79. 6 transoms 20x36 in., 1 light 16x32 in. orange colored glass. Price ..... .90

Lot No. 80. 1 transom 19 in. x 2 ft. 10 in., 1 light 15x30 in. fancy colored glass. Price ..... .70

Lot No. 81. 1 transom 22 in. x 2 ft. 10 in., 1 light of clear glass 18x 30 in. Price ..... .80

Lot No. 82. 1 transom 2 ft. 11 in. x 2 ft. 5 in., 1 light of colored glass 24x30 in. Price 1.00

Lot No. 83. 1 transom 3 ft. x 2 ft. 4 in., 1 light of clear glass 21x 30 in. Price ..... .90

SQUARE TOP SASH CIRCLE TOP GLASS.

Lot No. 84. Eight, opening 2 ft. 5 in. x 4 ft. 5 in., 4 lights, 12x26 in. glass. Price ..... $ .90

Lot No. 85. Six, opening 2 ft. 4 in. x 3 ft. 6 in., 1 light, 24x40 in. glass. Price 1.00

Lot No. 86. Fifteen, opening 3 ft. 10 in x 4 ft. 5 in., 6 lights, 14x24 in. glass. Price 1.25

Lot No. 87. Ten, opening 3 ft. 1 in. x 4 ft. 7 in., 4 lights, 14x26 in. glass. Price 1.30

SASH LIST.

Square Top Sash.

Lot No. 88. One, opening 3 ft. 4 in. x 4 ft. 7 in., 4 lights, 14x26 in. glass. Price.....$ 2.00
Lot No. 89. Nine, opening 3 ft. x 3 ft. 11 in., 1 light, 32x44 in. glass. Price..... 1.15
Lot No. 90. Two, opening 2 ft. 10 in. x 3 ft. 8 in., 1 light, 30x40 in. glass. Price..... 1.10
Lot No. 91. One, opening 2 ft. 5 in. x 4 ft. 10 in., 4 lights, 12x26 in. glass. Price..... .80
Lot No. 92. Five, opening 2 ft. 9 in. x 4 ft. 7 in., 4 lights, 14x26 in. glass. Price..... .90
Lot No. 93. One, opening 2 ft. 9 in. x 4 ft. 10 in., 4 lights, 14x28 in. glass. Price..... 1.00
Lot No. 94. One, opening 2 ft. 4 in. x 4 ft. 9 in., 4 lights, 12x26 in. glass. Price..... .75
Lot No. 95. One, opening 3 ft. 4 in. x 4 ft. 8 in., 6 lights, 12x24 in. glass. Price..... 1.15
Lot No. 96. One, opening 2 ft. 8 in. x 3 ft. 9 in., 4 lights, 14x21 in. glass. Price..... .60
Lot No. 97. Four, opening 3 ft. 10 in. x 3 ft. 10 in., 2 lights, 21x44 in. glass. Price..... 1.25
Lot No. 98. Five, opening 3 ft. 10 in. x 5 ft. 3 in., 6 lights, 14x30 in. glass. Price..... 1.90

Circle Top Sash.

Lot No. 99. Fifty, opening 2 ft. 8 in. x 3 ft. 8 in., 4 lights, 14x21 in. glass. Price.....$ .60
Lot No. 100. Twenty-five, opening 3 ft. 10 in. x 4 ft. 4 in., 6 lights, 14x24 in. glass. Price. 1.00

Circle Top Glass.

Lot No. 101. Three, opening 5 ft. x 4 ft. 2 in., 2 lights, 28x44 in. glass. Price 2.00
Lot No. 102. One, opening 7 ft. 6 in. x 5 ft., 10 lights, 21x25 in. glass. Price..... 2.75
Lot No. 103. One, opening 5 ft. 9 in. x 3 ft., 2 lights, 30x34 in. glass. Price..... 2.00
Lot No. 104. Eight, opening 4 ft. 2 in. x 3 ft. 11 in., 2 lights, 22x34 in. glass. Price.... .90
Lot No. 105. Ten, opening 3 ft. 9 in. x 3 ft. 6 in., 2 lights, 22x38 in. glass. Price..... .90

Sash Glazed Sanded Glass.

Lot No. 106. One, opening 7 ft. x 7 ft., 9 lights, 24x26 in. glass. Price.....$ 4.50
Lot No. 107. Two, opening 3 ft. 10 in. x 4 ft. 6 in., 6 lights, 14x24 in. glass. Price..... 1.25

Green House Sash.

Lot No. 108. Twenty, opening 3 ft. x 3 ft. 4 in., 15 lights, 10x12 in. glass. Price.....$ 1.25
Lot No. 109. Forty-eight, opening 3 ft. x 6 ft., 28 lights, 7x8 in. glass. Price 2.25

A Bargain Item.

Lot No. 001. We have on hand 50-6 light sash; lights 8 in. x 10 in.; sash over all 2 ft. 4½ in. x 1 ft. 11 in. Each..... 60c

SOME MORE DOORS.

Lot. No. 103. Two pairs of doors, 5 ft. 6 in. x 11 ft. 2 in. x 3 in., glazed with 8 lights of glass 23x23 in. D. S. Price per pair.....$ 10.00
Lot No. 104. Two pairs of doors, 5 ft. x 9 ft. 9 in. x 2½ in., glazed, 4 lights to each door, 20x21 in. Price per pair 7.00
Lot No. 105. Two pairs of doors, 3 ft. 2 in. x 7 ft. 10 in. x 1¾ in., 5 O. G. panels. Price per pair 4.00
Lot No. 106. One pair of doors, 2 ft. 6 in. x 9 ft. 1¾ in., 4 moulded panels. Price per pair 3.00
Lot No. 107. One pair of sliding doors, 3 ft. x 8 ft. x 1¾ in., 4 moulded panels. Price per pair 3.00
Lot No. 108. One pair of sliding doors, 2 ft. 4 in. x 8 ft. x 2 in., 4 moulded panels. Price per pair 3.50
Lot No. 109. Three pair of sliding doors 2 ft. 8 in. x 9 ft. 3 in., 4 moulded panels. Price per pair 4.00
Lot No. 110. Two pair of sliding doors, 2 ft. 9 in. x 8 ft. 6 in., x 3 in., 4 moulded panels. Price per pair 4.50
Lot No. 111. Two pair of sliding doors, 3 ft. x 8 ft. 6 in. x 3 in., 5 O. G. panels. Price per pair 5.00
Lot No. 112. Thirty-five doors, 4 ft. x 8 ft., 10 in. x 2 in., 6 moulded panels, mahogany veneered. Price, each..... 4.00

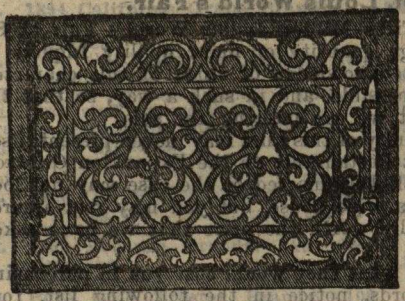
BRAND NEW.

O. G. 4 PANEL DOORS

Lot No. F. E. 20—

	Thickness	Price "A" Quality	Price "B" Quality	Price "C" Quality
2 ft. 0 in. x 6 ft. 0 in.....	1⅜	$2 00	$1 80	$1 45
2 ft. 4 in. x 6 ft. 6 in.....	"	2 28	2 04	1 62
2 ft. 6 in. x 6 ft. 6 in.....	"	2 30	2 05	1 65
2 ft. 6 in. x 6 ft. 8 in	"	2 40	2 16	1 72
2 ft. 8 in. x 6 ft. 8 in	"	2 45	2 20	1 75
2 ft. 10 in. x 6 ft. 8 in.....	"	2 86	2 50	2 00
2 ft. 10 in. x 6 ft. 10 in.....	"	2 90	2 60	2 10
3 ft. 0 in. x 7 ft. 0 in.....	"	3 16	2 86	2 26

REGISTERS, VENTILATORS, BORDERS, AWNINGS.



A Register means a regular box arrangement with a wheel or lever for opening and shutting.

Size of Opening. inches.	No. of Registers.	Price Each.	Size of Opening. inches.	No. of Registers.	Price Each.
4x10	80	$0.20	7x 7	125	.25
4x15	21	.38	8x15	60	.52
4x18	71	.48	8x18	65	.95
6x 8	120	.25	9x 9	225	.25
6x14	10	.35	12x18	11	1.00
6x16	30	.54	12x19	16	1.05
6x24	18	1.25	14x18	125	1.25



CIRCLE TOP REGISTERS OR VENTILATORS, BRAND NEW, BLACK JAPANNED.

Size of Opening.	Quantity.	Price Each.
7x10	300	$0.20
10x14	140	.40
11x13	200	.60

ROUND REGISTERS OR VENTILATORS. BRAND NEW, BLACK JAPANNED.

Size of Opening.	Quantity.	Price, each.
6	20	$0.25
7	25	.26
8	30	.28
9	25	.32

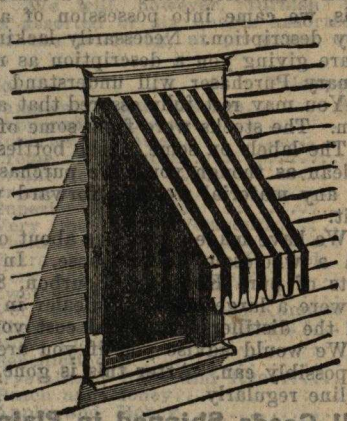
SQUARE BLACK JAPANNED BORDERS.

Size of Opening.	Quantity.	Price, each.	Size of Opening.	Quantity.	Price, each.
6x10	250	$0.16	12x15	75	.44
7x 7	115	.16	12x19	35	.50
7x10	110	.18	14x14	75	.50
8x15	90	.33	14x18	100	.60
8x18	10	.43	16x16	20	.60
12x12	25	.40	16x20	70	.80

REGISTER FACES, BLACK JAPANNED.

Size of Opening.	Quantity.	Price, each.	Size of Opening.	Quantity.	Price, each.
6x 8	225	$0.15	8x12	225	.20
6x18	40	.30	8x14	75	.30
8x 8	200	.18	9x 9	225	.20
8x10	70	.19			

AWNINGS FROM THE WORLD'S FAIR.



The following Awnings were secured by us in connection with our purchase of the St. Louis World's Fair. All of them are guaranteed to be in first class condition and complete with Irons, ready for further use. Most of them are made of Superfine 16-ounce Duck. The size of any one can be changed, either reducing it 12 inches or widening it 24 inches. We have 250 of these Awnings on hand, and can practically furnish any quantity of one size, or will make them up so that you can purchase from us any number of Awnings of any one size.

Our price of these Awnings is as follows:—

Width.	Price Each.	Width.	Price Each.
27 inches	$1.20	66 "	4.50
34 "	1.50	72 "	5.00
37 "	2.50	78 "	5.50
46 "	3.50	84 "	6.00
48 "	3.60	90 "	6.50
50 "	3.65	96 "	7.00
54 "	3.75	108 "	8.00
60 "	4.00		

No. 1563. Three Store Awnings, each about 9 feet wide; have adjusting drop bars. The upright portions of the Awnings intended to be fastened to the wall or ledge, covered with a very neat quality of blue and white stripe ticking. Have been overhauled and at the present time are in good condition.
Price .....each, **$3.50**

No. 1562½. Two Veranda or Boat Awnings were secured from some of the various naphtha launches, which carried passengers on the beautiful lagoons throughout the Exposition grounds. These are made of fine white duck of a heavy quality, are oval in shape, measuring 20 feet long and at widest or center, 5 feet across. They taper from that point to a width at ends of about 36 inches. Are fitted at intervals of about 4 feet with maple cross braces, from which descend brass tubes or stanchions; pulley ropes extend through these brass tubes for purpose of fastening Awning to a deck or floor. These may be used for various purposes such as for stairways or for porches. They are in perfect condition and show no signs of actual wear.
Price .....each, **$4.50**

These are all Brand New Goods.

WINES AND LIQUORS.

From the $50,000,000.00 St. Louis World's Fair.

In connection with our purchase of the Fifty Million Dollar World's Fair at St. Louis, we came into possession of a very large quantity of finest quality Liquors of every description. Necessarily lacking complete knowledge of stock of this character, we are giving you a description as nearly as possible, and in such a way, so that the ordinary Purchaser will understand fully what we are offering for sale.

You may rest fully assured that an opportunity of this kind may never present itself again. The stocks were from some of the finest Restaurants on the Exposition Grounds.

The labels on some of the bottles may be slightly marred or the case may not look as clean as though you were purchasing from a wine house, but you may rest assured that any material we ship forward will be fully worth the price that we have asked for it.

We have made our prices about one-half of what they would cost you in purchasing from a wholesale liquor house. In other words, notice in the following list, four quarts of pure Kentucky Bourbon, 8 years old, which we are offering at—$2.45. If you were a large wholesale dealer in liquors in this country and were to purchase this from the distillers', it would cost you at least 33 1-3% over our price.

We would advise you if you are interested, to make your selection as quickly as you possibly can. After this is gone, we are done with the business, as we are not in this line regularly.

All Goods Shipped in Plain Cases—Without Marks of Any Kind.



BOTTLED GOODS.

WHISKIES.

Twenty thousand bottles of fine Whiskies, Liquors, Wines and Cordials, which we are offering at extremely low prices for quick sale. Most of this is Pure Kentucky Bourbon, produced by the very best distilleries. St. Louis earned a national reputation during the Exposition on account of the quality of its liquors. The whiskey that we are offering was used at the very best restaurants and hotels. All this whiskey is put up in bottles containing one quart, and four quarts to each case. Each bottle is nicely labeled, capped and sealed. It is also properly wrapped and packed, four bottles in the case, making four quarts in each case. These cases have no marks of any kind, but will have same appearance as though you were purchasing a case of dry goods. The following is the stock of whiskey we have for sale:

Lot No.		Price per case of 4 quarts.
2.	Fine Kentucky Bourbon, 10 years old	$2.65
3.	Best Private Stock, 12 years old	3.25
5.	Very fine White Corn Whiskey, 10 years old	2.65

SOUR MASHES.

The following list of Sour Mashes is recommended to you. It is pure hand-made Sour Mash Whiskey, absolutely free from chemicals or impurities of any kind:

Lot No.		Price per case of 4 quarts.
6.	Pure Kentucky Sour Mash Whiskey, 8 years old	$2.65
7.	Hand-made Sour Mash Whiskey, 10 years old (For aroma, body and quality, none better.)	3.25
8.	Best Sour Mash Whiskey, Private Stock	3.85
9.	Pure Rye, 8 years old	2.75

PURE RYE.

We especially urge you to purchase a sample quality of the following list of Pure Eastern Ryes. These ryes are put up by the oldest rye distilleries of the country. Nothing in the imported rye, or any advertised brand of rye, is superior to these ryes which we offer:

Lot No.		Price per case of 4 quarts.
10.	Pure Rye, 10 years old (Fine, mellow taste.)	$3.25
11.	Very Fine Eastern Rye, 12 years old (Pure, palatable, perfect.)	3.65
12.	The highest grade Eastern Rye.. (Recommended for age and purity.)	4.00
13.	Pure Malt Rye, 10 years old	3.35
14.	Very fine Malt Rye, 14 years old.	3.85

IRISH AND SCOTCH WHISKEY.

The following Irish and Scotch Whiskies were brought in this country in bulk especially for the exposition, and was bottled on the exposition grounds. There is nothing finer in the whiskey line:

Lot No.		Price per case of 4 quarts.
15.	Irish or Scotch Whiskey, 10 years old (Imported in wood.)	$3.85
16.	Finest Imported Irish and Scotch Whiskey, 12 years old	4.45

BRANDIES AND COGNACS.

These brandies and cognacs are distilled by the very best California distilleries and made of the very finest California grapes. This is also put up just the same as the whiskies quoted above, four quarts to the case.

Lot No.		Price per case of 4 quarts.
17.	Pure California Grape Brandy, 6 years old	2.65
18.	Pure California Grape Brandy, 8 years old (Tasty, light amber color.)	$2.90

These goods are the best on the market.

Wines and Liquors from the Louisiana Purchase Exposition.

19. 1894 California Grape Brandy.... 3.55
(A true Cognac from Folle Blanche Grapes.)

20. Very old California Cognac. Recommended 3.90
Fine Old French Cognac. This Cognac was imported in wood, for use at the French restaurant, and was bottled on the exposition grounds.

Lot No.		Price per case of 4 quarts.
21.	Fine Old French Cognac Brandy, 12 years old	$4.85
	(Imported in wood.)	
22.	1893 Bonanza Brandy. An ideal stimulant	3.35
	(Recommended for medical use.)	
23.	Pure Ohio Trester Brandy (100 proof), 8 years old.....	2.85

BRANDIES AND COGNACS.

Lot No.		Price per case of 4 quarts.
24.	Very fine Ohio Trester Brandy, 12 years old	$3.45
25.	Pure Schlibowitz Brandy, 8 years old	2.85
26.	Very Fine Schlibowitz Brandy, 12 years old	3.65
27.	Pure California Distilled Peach Brandy, 10 years old.....	2.65
28.	Pure California Distilled Apple Brandy, 10 years old.....	2.65
29.	Pure California Distilled Apple Brandy, 10 years old.....	2.35
30.	1893 Blackberry Brandy (aged in wood)	2.65
	(Distilled from California Blackberries.)	
31.	Pure California Apricot Brandy, 10 years old	2.45
32.	Very Fine California Apricot Brandy, 12 years old.....	2.85
33.	Very fine Banana Brandy, 10 years old.....	2.45

GINS.

Lot No.		Price per case of 4 quarts.
34.	Very fine, extra quality Holland Gin	$2.65
35.	Very fine Old Tom Gin.....	2.65
36.	Pure London Dock Gin.....	2.85
37.	Pure Malt Gin	2.85
38.	Very fine Dry Gin.....	2.85
39.	Very fine Sloe Gin.....	2.85
40.	Very fine Kidney Gin.....	2.85
41.	Very fine Imperial Rye Malt Gin.	3.35

RUMS AND ARRAC.

Lot No.		Price per case of 4 quarts.
42.	Pure Golden Cane Jamaica Rum.	$2.60
43.	St. Croix Rum	2.65
44.	London Dock Rum.....	2.65
45.	Arrac Punch	2.65

BITTERS.

Lot No.		Price per case of 4 quarts.
46.	Stomach Bitters, made from Hindoo roots	$2.35
	(Recommended for all stomach complaints.)	
47.	Very fine Aromatic Stomach Bitters	2.65
48.	Italian Bitters, Fernet Branca...	3.25
49.	Brigham Young Bitters	3.25
50.	Hamburger Bitters	2.85

CORDIALS AND LIQUEURS.

No orders accepted for less than 4 or 6 quart bottles; some containing four and some containing six quarts. Be sure and specify exactly the number of quarts desired. We will, however, furnish four quarts assorted or six quarts assorted in any of the following, at price per quart bottle:

Lot No.		Price per qt.
51.	Jamaica Ginger Essence.....	$0.70
52.	Peppermint Essence.....	.80
53.	Superior Anisette	.78
54.	Creme de Menthe.....	.74
55.	Creme de Violet	.85
56.	Creme de Rose	.78
57.	Superior Maraschino	.84
58.	Very fine Italian Vermouth.....	.84
59.	Absinthe	.85
60.	Extra double distilled Kummel..	.95
61.	Very fine Kirschenwasser.....	.78
62.	Zwetchenwasser	.95
63.	Very fine double distilled Kummel	.80
64.	Chartreuse, green or yellow.....	1.10
65.	Monk Liqueur	1.20
66.	Benedictine	1.10
67	Crystallized Rock and Rye.....	.78
68.	Peach and Honey.....	.74
69.	Apple and Honey	.74
70.	Tom and Jerry	.78
71.	Blackberry Cordial	.78

COCKTAILS.

The following Cocktails will be furnished on application in cases, assorted, either four or six quart bottles, and prices following are for cases of four (4) quarts. Be careful to write your order plainly, giving us exact assortment desired.

Lot No.		Price per case of 4 quarts.
72.	Very fine Manhattan Cocktail....	$2.85
73.	Very fine Vermouth Cocktail.....	2.85
74.	Very fine Martial Cocktail	2.85

FINE CHERRIES.

Furnished only in cases, either 4 or 6 bottles; one kind or assorted in a case.

Lot No.		Price per bottle.
72½.	Very fine Cherries in Maraschino (red)	$0.85
73½.	Finest large Cherries in Maraschino (red)	1.05
74½.	Very fine Cherries in Creme de Menthe (green)	.90
75.	Finest large Cherries in Creme de Menthe (green)	1.15

WINES.

The following wines are sold nothing less than a case of 6 or 12 bottles, and our prices are the lowest for this amount. However, to those who will place an order with us for at least 50 bottles, we will make a discount of 6 cents per bottle and will properly pack them. You understand this proposition means that we can assort from this list any number of bottles of the different kinds, and providing your order is for lots of 50 bottles, you can deduct 6 cents each, or we will furnish it all in one kind if so desired. All this wine is put up one quart in a bottle, and price is per quart bottle. A very large portion of these wines have already been disposed of to large, first-class hotels of St. Louis and Chicago:

WHITE.

Lot No.		Price per qt. bottle.
76.	Superior Hock (recommended), 16 years old	$0.60
77.	Extra Riesling, light matured and full flavored, 14 years old..	.60
78.	Superior Chablis, 12 years old...	.65

Don't overlook this opportunity to get the best ever produced.

Wines and Liquors from the Louisiana Purchase Exposition.

79. Extra Johannisberger, 10 years old ..... .65
80. Superior Johannisberger, 12 years old ..... .75
81. Extra Sauterne, Vinosity and Bouquet, fully developed, 14 years old ..... .70
82. Superior Sauterne, a dinner wine par excellence, 16 years old..... .80
83. Haut Sauterne, made from the Semillon grape, 10 years old... .85
84. Haut Sauterne, considered the most exquisite table wine, 14 years old ..... .98
85. Haut Sauterne, the crowning glory of the vineyard, 16 years old 1.15

RED WINE.

86. Superior Claret, smooth, full and brilliant, 16 years old ..... .60
87. Extra Claret, fine body and juiciness, 12 years old..... .50
88. Very fine Burgundy, richness and spirituosity, 10 years old..... .65
89. Superior St. Julien, 12 years old. .60
90. Extra Zinfandel, dry and delicate, 12 years old..... .65
91. Superior Zinfandel, a grand table wine, 15 years old ..... .75
92. Extra fine, heavy bodied, brilliant Burgundy, 12 years old... .70
93. Superior Burgundy, highly recommended, 14 years old..... .82
94. Fine Cabernet, juicy, beautiful bouquet, 10 years old..... .70
95. Extra Cabernet, distinguished for fine aroma, 12 years old..... .80
96. Superior Cabernet, finest red, pungent table wine ..... .90
97. Fine Port, Tinta Cao type, 8 years old ..... .45
98. Extra Port, heavy bodied, 10 years old ..... .55
99. Superior Port, old, tawny and crusty, 12 years old..... .65
100. Special Port, genuine Tinta de Madeira, 14 years old..... .80
101. Finest Port, Nutritious and fruity, 16 years old..... .95
102. Superior Sherry, Olorosa type, 12 years old..... .70
103. Fine Sherry, Amontillado type, 8 years old..... .48
104. Special Sherry, Golden Hillside, 14 years old..... .85
105. Finest Sherry, recommended, 16 years old ..... .97
106. Fine Angelica, high saccharine, 8 years old..... .48
107. Extra Angelica straw color syrupy, 10 years old..... .60
108. Superior Angelica, choice and rich, 12 years old..... .70
109. Special Angelica, recommended, 14 years old..... .85
110. Extra Muscatel, genuine flavor of Muscatel Grapes, 8 years old... .48
111. Special Muscatel, nourishing and gratifying, 12 years old..... .70
112. Superior Muscatel, full bodied, 10 years old ..... .80
113. Extra Tokay, very heavy, 10 years old ..... .62
114. Finest Muscatel, recommended, 14 years old ..... .85
115. Superior, very rich Tokay, 12 years old ..... .75
116. Special Tokay, amber colored, matured, 14 years old ..... .88
117. Finest Tokay, recommended, 16 years old 1.00
118. Superior Madeira, a favorite vintage, 10 years old..... .68
119. Special Madeira, dark and rich, 12 years old ..... .77
120. Finest Madeira, recommended, 14 years old ..... .90
121. Extra Malaga, superior blend, rare, 10 years old..... .68
122. Superior Malaga, pale, sweet, delicate, 12 years old..... .77
123. Special Malaga, rich, cerise color, 14 years old ..... .90
124. Finest Malaga, recommended, 16 years old 1.10
125. Extra sweet Catawba, 14 years old ..... .75
126. Special sweet Catawba, 16 years old ..... .88
127. Recommended, very old Catawba 1.00
128. Pure Blackberry wine, 8 years old ..... .40
129. Very fine Blackberry wine, 10 years old ..... .55
130. Extra fine Blackberry wine, 12 years old ..... .70
(Highly recommended, matured in wood.)

CHAMPAGNES.

This is only offered you in cases of either 12 or 24 pints. No orders for smaller quantities accepted. This is not imported champagne, but we guarantee it equal to any of the highest priced foreign champagnes.

Lot No.		Price per case of 12 qts.	Price per case of 24 pts.
131.	Fine effervescent champagne	$8.00	$9.50
132.	Very fine effervescent champagne	9.50	11.00
133.	Dry, exhilarating, tempting and effervescent	11.00	12.50
134.	Extra dry champagne	12.00	13.50

(Fermented in bottle, underground temperature 52 degrees.)

BULK GOODS.

In the following you will have an opportunity to make a selection of whiskies, wines, cordials, etc., that came from the world's finest wineries and was bought in bulk with the intention of using it for service at the bars. Do not classify these goods with the cheap material you will find in the ordinary run of saloons and other distributing liquor houses. The very fact that the exposition was visited by the best people of the country is sufficient evidence that no cheap liquors would have been tolerated. The exposition patrons were treated in a manner very worthy of this exposition.

No liquor was permitted to enter in the exposition grounds unless they conformed strictly to the question of purity; this restriction was placed by the health authorities of the pure food law committees.

WHISKIES.

These whiskies are put up as follows: In barrels, one-half barrels, 10 gallon kegs, 6 gallon kegs, 4 gallon jugs and 2 gallon jugs. We accept no orders for less than 2 gallons. When ordered in larger quantities we allow the following rebates:

On 6 gallon orders, per gallon..... 5c
On 10 gallon orders, per gallon..... 7c
One-half barrel orders, per gallon.....13c
Full barrel orders, per gallon.....20c

No additional charge for barrels, kegs, jugs or boxes. The following represents our stock:

Wines and Liquors from the Louisiana Purchase Exposition.

Lot No.		Price per gal.
135.	Fine Kentucky Bourbon, 10 years old (Well matured.)	$2.20
136.	Very fine Kentucky Bourbon, 12 years old (For aroma, body and quality, none better.)	2.60
137.	Extra fine Kentucky Bourbon, 14 years old (Mellow, unsurpassed.)	2.85
138.	Highest grade Kentucky Bourbon, 16 years old (Finest the state produces.)	3.10
139.	Hand-made Kentucky Sour Mash Whiskey, 10 years old	2.30
140.	Finest Private Stock Sour Mash Whiskey, 12 years old	2.65
141.	Fine Western Rye, 10 years old (very mellow)	2.42
142.	Very fine White Corn Whiskey, 10 years old (Of unequaled purity.)	2.65
143.	Very fine Western Rye, 12 years old (Highly recommended.)	2.80
144.	Fine Eastern Rye, 10 years old. (Pure, palatable, perfect.)	2.48
145.	Very fine Eastern Rye, 12 years old (Exceeding fine.)	2.95
146.	Very Special Eastern Rye, 14 years old	3.30
147.	Highest grade Eastern Rye, 16 years old (Splendid flavor, exquisite aroma, superb quality.)	3.90
148.	Very old Eastern Rye (none better)	4.20
149.	Pure Malt Rye, 12 years old	2.40

BRANDIES.

These brandies are put up as follows: In barrels, one-half barrels, 10 gallon kegs, 5 gallon kegs, 4 gallon jugs and 2 gallon jugs. We accept no orders for less than two gallons. When ordered in larger quantities we allow the following rebates:

On 6 gallon orders, per gallon..... 5c
On 10 gallon orders, per gallon..... 7c
One-half barrel order, per gallon.....13c
Full barrel orders, per gallon..... 20c

No additional charge for barrels, kegs, jugs or boxes. The following represents our stock:

Lot No.		Price per gal.
150.	Pure California Grape Brandy, 8 years old	$2.45
151.	Fine California Grape Brandy, 10 years old (Bright and mellow)	2.70
152.	Superior California Grape Brandy, 12 years old	2.95
153.	Very fine California Grape Brandy, 14 years old	3.20
154.	Very fine old California Cognac. (Unequaled by any imported Brandy.)	3.85
155.	1893 Bonanza Brandy, an ideal stimulant	2.47
156.	Very fine Ohio White Trester Brandy, 100 proof, 12 years old.	2.85
157.	Very fine Schlibowitz Brandy, high proof, 14 years old	3.00
158.	Very fine California Prune Brandy, 12 years old	2.95
159.	Very fine California Distilled Peach Brandy, 12 years old	2.85
160.	Very fine California Distilled Apple Brandy, 12 years old	2.85
161.	Very fine California Apricot Brandy, 12 years old. (Very rich.)	2.85
162.	Very fine Distilled Banana Brandy, 12 years old	2.60
163.	Very fine Blackberry Brandy, 10 years old	2.40
164.	High grade Blackberry Brandy, 12 years old (Heavy body, fully matured.)	2.65
165.	Finest Blackberry Brandy, 14 years old (Distilled from California Blackberries.)	2.90
167.	Superior Cherry Brandy	2.65

GINS.

These gins are put up as follows: In barrels, one-half barrels, 10 gallon kegs, 6 gallon kegs, 4 gallon jugs, and 2 gallon jugs. We do not accept orders for less than two (2) gallons. When ordered in larger quantities we allow the following rebates:

On 6 gallon orders, per gal..... 5c
On 10 gallon orders, per gal..... 7c
One-half gallon orders, per gal.....13c
Full barrel orders, per gal..... 20c

No additional charge for barrels, kegs, jugs or boxes. The following represents our stock:

Lot No.		Price per gal.
168.	Extra Quality Holland Gin	$2.70
169.	XXX Old Tom Gin (Highly recommended.)	2.70
170.	Very fine London Dock Gin	2.75
171.	Extra Malt Gin (superior quality)	2.80
172.	Extra Dry Gin	2.85
173.	Extra Sloe Gin	2.85
174.	Special Gin (Recommended for all kidney complaint.)	2.60
175.	Best Imperial Rye Gin	2.65

RUM AND ARRAC.

These rums and arracs are put up as follows: In barrels, one-half barrels, 10 gallon kegs, 6 gallon kegs, 4 gallon jugs and 2 gallon jugs. We do not accept orders for less than two (2) gallons. When ordered in larger quantities we allow the following rebates.

On 6 gallon orders, per gal..... 5c
On 10 gallon orders, per gal..... 7c
On one-half barrel orders, per gal.....13c
On one barrel orders, per gal.....20c

No additional charge for barrels, kegs, or boxes. The following represents our stock:

Lot No.		Price per gal.
176.	Fine Jamaica Golden Cane Rum	$2.35
177.	Extra Old London Dock Rum	2.60
178.	Superior New England Rum	2.20
179.	Very fine Militaire Punch	2.65
180.	Svensk Punch	2.65
181.	Arrac Punch	2.65
182.	Rum Punch	2.65
183.	Apricot Punch	2.65

BITTERS.

These bitters are put up as follows: In barrels, one-half barrels, 10 gallon kegs, 5 gallon kegs, 4 gallon jugs, 2 gallon jugs. We do not accept orders for less than two (2) gallons. When ordered in larger quantities, we allow the following rebates:

On 6 gallon orders, per gal..... 5c
On 10 gallon orders, per gal..... 7c
On one-half barrels, per gal..... 13c
On barrel orders, per gal..... 20c

No additional charge for barrels, kegs, jugs or boxes. The following represents our stock:

Wines and Liquors from the Louisiana Purchase Exposition.

Lot No.		Price per gal.
184.	High Grade Stomach Bitters	$1.90
185.	Fine Boonekamp Magen Bitters.	2.40
186.	Best Boonekamp Magen Bitters. (Highly recommended.)	2.70
187.	Finest Hindoo Aromatic Stomach Bitters	2.70
188.	Fine Pepsin and Celery Tonic	2.40
189.	Recommended Pepsin and Celery Tonic	2.60
190.	Wild Cherry Bitters	2.45
191.	Italian Fernet Bitters	2.40
192.	Finest Italian Fernet	2.35
193.	Superior Orange Bitters	2.35

CORDIALS.

These cordials are put up as follows: In barrels, one-half barrels, 10 gallon kegs, 6 gallon kegs, 4 gallon jugs and 2 gallon jugs. We do not accept orders for less than 2 gallons. When ordered in larger quantities we allow the following rebates: On 6 gallon orders, per gal. 5c
On 10 gallon orders, per gal. 7c
One-half barrel orders, per gal. 13c
Full barrel orders, per gal. 20c
No additional charge for barrels, kegs, jugs or boxes. The following represents our stock:

Lot No.		Price per gal.
194.	Fine Double Distilled Kummel	$2.45
195.	Very best double distilled Kummel (recommended)	2.70
196.	Fine Rock and Rye	2.30
197.	Peach and Honey	2.35
198.	Apple and Honey	2.35
199.	Kirschwasser	2.55
200.	Zwetschenwasser	2.60
201.	Superior Anisette	2.35
202.	Fine Italian Vermouth	2.45
203.	Fine Rose Liqueur	2.40

CALIFORNIA DRY WINES.

Sold only in barrel packages, containing full barrels and one-half barrels, just as it came from the wineries. Cannot accept orders for any of this wine in smaller quantities; it will deteriorate in quality to open the wine without immediately bottling, or putting it in smaller packages.

Lot No.		Price per gal.
204.	Extra fine Claret, 10 years old. (Fine body and juiciness.)	$ .95
205.	Select Claret, 12 years old. (Fully matured; recommended.)	1.10
206.	Extra fine Zinfandel, 12 yrs old. (Dry, delicate.)	1.00
207.	Select Zinfandel, 14 years old. (A very choice table wine.)	1.15
208.	Superior Burgundy, 14 years old	1.15
209.	Select Burgundy, 16 years old. (Distinguished for fine aroma.)	1.25
210.	Very fine Riesling, 10 years old. (German type.)	.75
211.	Superior Riesling, 12 years old. (Finely flavored table wine.)	.95
212.	Superior Sauterne, 14 years old. (A dinner par excellence.)	1.25

CALIFORNIA SWEET WINES.

All sweet wine is offered in barrels, one-half barrels, 10 gallon kegs, 6 gallon kegs, 4 gallon jugs and 2 gallon jugs. We do not accept orders for less than 2 gallons. When ordered in larger quantities we allow the following rebates on our prices:
6 gallon orders, per gal. 4c
10 gallon orders, per gal. 6c
One-half barrel orders, per gal. 10c
Full barrel orders, per gal. 15c

No additional charge for barrels, kegs, jugs or boxes.

Lot No.		Price per gal.
213.	Extra Port, heavy bodied, 12 years old	$1.20
214.	Superior Port, nutritious and fruity, 14 years old.	1.65
215.	Special Port, Tinta Amerella, 16 years old	1.90
216.	Extra Sherry, Verdelho type, 12 years old	1.25
217.	Very old Port, a tawny and crusty wine	2.10
218.	Special Sherry, Golden Hillside, 16 years old	1.95
219.	Very old Sherry, highly recommended	2.15
220.	Special Sweet Catawba, 12 years old	1.25
221.	Finest Sweet Catawba, 14 years old	1.95
222.	Extra Angelica, straw color, syrupy, 10 years old.	1.30
223.	Superior Angelica, choice and rich, 12 years old.	1.75
224.	Special Angelica, recommended, 14 years old	2.60
225.	Finest Angelica, made from the gathering at highest saccharine stage of the fruit, 16 years old.	2.20
226.	Extra Muscatel, full bodied, 12 years old	1.30
227.	Special Muscatel, nourishing and gratifying, 14 years old	1.75
228.	Finest Muscatel, genuine flavor of Muscat grape, 16 years old.	2.00
229.	Extra Tokay, very heavy, 10 years old	1.30
230.	Superior Tokay, very rich, 12 years old	1.75
231.	Special Tokay, amber colored, 14 years old	2.00
232.	Finest Tokay, highly recommended, 16 years old	2.20
235.	Superior Malaga, superior blend, rare, 10 years old	1.30
236.	Extra Malaga, pale, sweet and delicate, 12 years old.	1.80
237.	Special Malaga, rich, cerise color, 14 years old	2.10
238.	Finest Malaga, a cherry red dylce wine, 16 years old.	2.30
239.	Extra Madeira, Tinta de Madeira, 10 years old	1.30
240.	Superior Madeira, a favorite vintage, 12 years old	1.80
241.	Special Madeira, dark and rich, 14 years old	2.10
242.	Finest Madeira, golden ruby, rich flavor and a great tonic, 16 years old	2.30
243.	Select Sweet Catawba, 12 years old	1.25
244.	Pure Blackberry wine, 6 years old.	.85
245.	Extra Blackberry wine, very rich, 10 years old	1.40
246.	Superior Blackberry wine, extra heavy body, 12 years old.	1.75
247.	Special Blackberry wine, rich in color and taste, 14 years old.	2.00
248.	Finest Blackberry wine, very old	2.35

Elsewhere these goods will cost double what we are asking.

List of Goods in Assorted Cases

We have found from the many requests and from those who have called at the exposition, that a great many people prefer to have cases put up assorted, that is, containing various kinds of whiskies, bulk wines, etc., and we therefore offer the material we have been quoting above, put up in quart bottles, assorted cases, as shown in the following lots:

Lot No. 1—Case Containing:
1 qt. Pure Kentucky Bourbon.
1 qt. Pure Eastern Rye.
1 qt. Recommended Stomach Bitters.
1 qt. Very Old and Tawny Port.
1 qt. Very Fine Rhenish Type Hock.
Price for 6 qts., including case.....$4.00

Lot No. 2—Case Containing:
1 qt. Irish or Scotch Whiskey, imported in wood.
1 qt. Pure Eastern Rye.
1 qt. Fine California Cognac Brandy.
1 qt. Heavy Bodied, Fully Matured, Burgundy.
1 qt. Fine Malaga Wine.
1 qt. Old Tom Gin.
Price for 6 qts., including case.....$5.00
1 qt. Very Rich Old Angelica.
Price for 6 qts., including case.....$5.00

Lot No. 3—Case Containing:
1 qt. Pure Old Eastern Rye.
1 qt. Very Fine Kentucky Bourbon.
1 qt. Very Fine Kentucky Hand-made Sour Mash Whiskey.
1 qt. Old California Brandy.
1 qt. Old California Cognac.
1 qt. Finest Double Distilled Kummel.
1 qt. Hindoo Aromatic Stomach Bitters.
1 qt. Old and Crust Port Wine.
1 qt. Flaming Bronze Tokay Wine.
1 qt. Claret, Old and Heavy Bodied.
1 qt. Riesling, Sparkling.
1 qt. Blackberry Brandy.
Price for 12 qts., including case.....$7.50

Lot No. 4—Case Containing:
1 qt. Pure Kentucky Bourbon.
1 qt. Very Fine Eastern Rye.
1 qt. Hand-made Sour Mash Whiskey.
1 qt. Western Rye.
1 qt. California Old Brandy.
1 qt. California Cognac Brandy.
1 qt. Chartreuse Liqueur.
1 qt. Highest Quality Sauterne.
1 qt. Heavy Bodied Burgundy.
1 qt. Old California Port.
1 qt. Old California Sherry.
1 qt. Old California Malaga.
Price for 12 qts., including case.....$9.00

Very Fine Strictly Hand Made Havana Cigars

The excellency and uniformity of these cigars is due to the fact that most of them are of the pure Havana tobacco, which is made from a large leaf grown on plantations in San Juan, San Sebastian and St. Louis section of the celebrated Veulta Abajo District. These cigars were made by a skillful Cuban workman and kept in perfect condition.

We purchased a small lot of these cigars and have only a few thousand left. We offer same as follows:

Seed Havana Cigars, the very finest Sumatra wrapper, per box of 50 ..... $1.40
Seed Havana Cigars, the very finest Sumatra wrapper, per box of 100 ..... 2.70
Clear Havana Cigars, per box of 50 ..... 2.40
Clear Havana Cigars, per box of 100 ..... 4.25
The very best choice Clear Havana Cigars, which are all hand-made, by skillful Cuban workmen, and are a large sized cigar, per box of 50 ..... 4.00
Box containing 100 of the above cigars 7.00



These cigars are made by the finest Cuban factories and are absolutely the choicest cigars offered for sale in this country.

Choice California Fruit

Strictly choice, latest crop Santa Clara Prunes, of good size and fine quality; about seventy prunes to the pound. These prunes are packed by one of the best packers on the coast. These prunes are put up in original cases and are A No. 1 stock.

25-lb. box $2.50
50-lb. box 4.00

We also have strictly fancy, latest crop, sweet Santa Clara Prunes, of good size and fine quality; about forty prunes to the pound. They are absolutely the best prunes that money can buy.

25-lb. box $2.75
50-lb. box 5.00

Choice Grade of California Fruits.

Dried Apples, Apricots and Pears, which come in original cases, put up by one of the largest fruit houses in California, who for years has had the reputation of quality only.

Evaporated Choice Peaches.

25-lb. box $3.25
50-lb. box 6.00

Fancy Apples.

25-lb. box $2.75
50-lb. box 5.50

Strictly New, 1905 Crop, Royal Apricots.

25-lb. box $2.85
50-lb. box 5.00

Genuine Moor Park Apricots.

Large, bright fruit and splendid cooker; strictly new 1905 crop.

25-lb. box $3.75
50-lb. box 7.00

The Very Finest Royal Queen and Cherries in Maraschino.

These large, elegant cherries have absolutely no equal. They are the finest cherries that money can buy. These cherries come packed twelve full quart bottles to the case.

Per case, red $7.50
In Creme de Menthe, per case..... 8.50

Very Choice Queen Olives.

Very choice olives, are carefully selected and packed in large, handsomely mounted bottles. Can furnish

10-oz. bottles, per case of 2 doz. bottles, at $4.00
14-oz. bottles, per case of 2 doz..... 5.20

We can also furnish very large olives in one gallon jugs, $1.85 per gallon.

Very Finest Italian Olive Oil.

This beautiful oil has been thoroughly tested by prominent chemists and pronounced absolutely pure Olive Oil. This can be furnished in

½ pt. bottles, per case of 2 doz.....$5.00
1 pt. bottles, per case of 2 doz..... 8.50
Finest sublime Olive Oil, 1 pt. bottles to the case of 2 doz. at..... 9.25

HIGH GRADE COFFEES.



These coffees which we list below came into our possession through one of our representatives, who purchased from one of the largest and oldest Eastern grocery houses, who for years have catered to the private trade only. These people were large enough to import all their own coffees direct from the growers and for this reason you may rest assured that you are taking no chance whatever in these coffees. If we had any doubt to the contrary, we would not for one moment offer the same to our customers.

The reason why we offer these coffees in the different packages is because this house, who had an established business from regular customers, who always bought the goods in these quantities, and we would not want to open these packages, as they are packed in order to keep the fine aroma flavor.

Brazilian Coffees.

These coffees came from Brazil, the veritable colossus among coffee-producing countries. Santos coffee is distinguished for its soft, smooth, mellow qualities, making it a delightful satisfaction in the cup. We can furnish these coffees in:

12½-lb. pkgs. at	20½c per lb.
25-lb. bags at	18½c per lb.
50-lb. pkgs. at	16c per lb.
Original sacks	15c per lb.
Original sacks, green, at	14c per lb.

Mexican, Java, Central and South American Coffees.

The Mexican, Java, Central and South American coffees are easily monarchs of them all in producing a rich, stimulating, delightful beverage. Can be obtained in:

12½-lb. pkgs. at	23c per lb.
25-lb. pkgs. at	22c per lb.
50-lb. pkgs. at	21c per lb.
Original sacks	19½c per lb.
Original sacks, green, at	18c per lb.

Arabian and East India Coffee.

Mocha and Java are the prime favorites in popular estimation. You may rest assured that this coffee is the pure, genuine Mocha and Java. This certainly gives forth a rich aromatic. Arabian Mocha, small berry in

12½-lb. pkgs. at	26c per lb.
25-lb. pkgs. at	25c per lb.
50-lb. pkgs. at	23½c per lb.
Original sacks	21c per lb.
Original sacks, green, at	20c per lb.

Arabian Coffee, long berry, in

12½-lb. pkgs. at	34c per lb.
25-lb. pkgs. at	33c per lb.
50-lb. pkgs. at	31½c per lb.
Original sacks at	28½c per lb.
Original sacks, green, at	27c per lb.

Java coffee is grown on the island of Sumatra and Java, the Sumatra product being preferred by the American connoisseurs in American estimation. The Java Manhling district is the king of the coffee world. The large, plump, golden colored berries produce a drink highly flavored and aromatic. This Java can be furnished in

12½-lb. pkgs. at	40c per lb.
25-lb. pkgs. at	38c per lb.
50-lb. pkgs.	36c per lb.
Original sacks at	34c per lb.
Original sacks, green, at	33c per lb.

If you are a coffee drinker you certainly have a chance to get this beautiful and genuine goods at right prices.

High Grade Teas.



These high grade teas which we list below were purchased from the same people that we bought the coffees from, and this stock of fine teas represent quality only.

The finest selection from India, Ceylon, China, Japan and the islands of Formosa Tea Gardens; the world's choicest offerings for the delight of the epicure. The celebrated Formosa, Oolongs, Japan and Imperial teas, which the fastidious tea drinker may secure here to suit the most varied and delicate individual tastes. All of these varieties in six different grades, running from the finest to the ordinary teas. Garden teas represent the earliest pickings and most careful selection of the tender shoots and buds.

The Formosa and Oolongs are grown on the beautiful island of Formosa, which since the late war between Japan and China has been annexed to Japan. On the removal of the peculiar soil of this island the Formosa tea plant loses it most precious characteristic—sweet flowery aroma and delightful flavor.

The English breakfast tea is a blend of North China, Congou, India and Ceylon teas. The higher grades in this, as in all black teas, show the Pekoe types, which impart a high flavor. We offer you the very finest from all the tea growing countries as noted below. We can furnish same in the following packages.

Formosa and Oolong Tea, Basket and Pan Fried, Japan.

In original chests	30c per lb.
½ chests	32c per lb.
10-lb. packages	38c per lb.

India and Ceylon Tea.

In chests	40c per lb.
½ chests	42½c per lb.
10-lb. packages	45c per lb.

North China, Moyune, Hyson, Gunpowder and Congou and English Breakfast Teas—Green.

In chests	50c per lb.
½ chests	52½c per lb.
10-lb. packages	55c per lb.

English Breakfast Teas—Black.

In chests	65c per lb.
½ chest	67½c per lb.
10-lb. packages	70c per lb.

The people from whom we purchased these teas were direct importers for many years and are known as the most reliable house in their business. You take no chances in ordering these fine, high-grade teas.

All of these teas are packed in proper packages, which we have mentioned, and are absolutely air tight. This is done in order to keep the fine aroma flavor.

Furniture, Carpets, Rugs, Etc.

From Receivers', Sheriffs', Assignees', Manufacturers' and other forced sales

The low prices on furniture quoted on the following pages are the results of our methods of purchasing large quantities of high grade new goods at Sheriffs', Receivers', Assignees' and other forced sales. Our corps of competent and experienced buyers are always alert to take advantage of these sales and obtain great quantities of high grade furniture of the best grades and designs for less than the manufacturing cost.

We have demonstrated over and over again our ability to undersell other dealers, while furnishing a better grade of goods. Our unique and unexampled operations on a gigantic scale enables us to do this.

These advantages we share with our customers, and as a result we hold the confidence of the trade to which we cater. We ask for a further continuance of this trade, knowing that we can repeat the bargains offered in the past. You will notice at a glance that this list is composed of nothing but the best of all that is rich, substantial and handsome, and the prices are most attractive to the economical buyer.

Then we still have left a few choice bargains in rich and handsome furniture, which adorned the palaces of the Louisiana Purchase Exposition, and which came into our possession when we purchased that magnificent World's Fair. Many of these articles are the finest product of the world's art, and were imported at enormous expense.

No contract is too large for us to fill at a moment's notice. We make a specialty of furnishing hotels, restaurants and public offices, fitting them out in every particular ready for business in the shortest possible time. Get our quotations before you close a deal for any furnishings. Our business of dismantling large public buildings and hotels secures for us enormous quantities of furnishings which we are able to again put on the market at less than cost.

PARLOR SUITS—Continued.



No. 46½. 3-piece Parlor Set, handsomely upholstered, and covered with appropriate pattern in dark green floral design, frame neatly polished, is similar to illustration. Used on the Pike. Is in good condition. Price.....$17.50

No. 53F. One 5-piece Set, including Sofa, Platform Rocker, Arm Chair and two smaller Reception Chairs, upholstered, nice quality of velour, neatly carved frame and good spring seat. Was used in Manufactures Building; is in good condition and suitable for any parlor. Price.....$14.50

No. 56FO. One 3-piece upholstered overstuffed Set, somewhat similar to the above, but consisting only of Sofa, Arm Chair and small Reception Chair. Has nice roll top arm, tasseled edges. Good spring seat, material of good texture, shows some signs of wear, but is still suitable for general use. Price $12.50

No. 57FO. One 2-piece Set, including nicely fashioned Sofa with upholstered back, covered in dark red material of good grade, has good spring seat, set on heavy frame. One smaller Sofa or Reception Chair to match. Price $9.25

No. F. 58. Three piece very massive selected quarter sawed oak, hand polished, consists of couch, arm chair and parlor chair. The side piece and arms of this suit are one solid mass of hand carving, making it one of the most massive parlor suits on the market. Upholstered in calf skin, oil tempered springs, tied with steel wire, hair filled. Price.....$57.50

No. 50F. One 3-piece Parlor Set, fine mahogany finished frame, back upholstered, seat upholstered, spring edge, figured velour patterns, dark green. Well made and nice appearing. Price.....$14.00

No. 54F. A very neat 3-piece Parlor Set. Was used as a furniture manufacturer's sample in Manufactures Building. Is practically new and has not been used. Consists of Sofa, nicely upholstered seat, plain panel back, one corresponding Arm Chair, one smaller Reception Chair matching other two articles. Price.....$14.00

This Set is a particularly good bargain.

No. 51F. One beautiful 3-piece Set, upholstered seat, covered in fine verona, dark green with spring edge. Frame massive and finely finished. Back containing 3 large, well adjusted panels, all finely finished. Was used in salesroom of curiosity shop in Philippine exhibit, and is as good as new in appearance. Price $23.00

No. 49F. One 5-piece Parlor Set, from Pike concession, consisting of Sofa, Arm Chair, Platform Rocker, two smaller Reception Chairs, covered with fine figured velour, dark green color, other blending color of floral design on seat and back which is also upholstered, frame mahogany finish, neatly carved, are massively constructed and fine in appearance. Price $22.50



No. 408. 3-piece Suit, Mahogany finished frame with handsome carved panels. Best of steel springs used in seat and covered with good grade velour. Note—Only 3 of these Suits in stock. Price.....per suit, $9.95

COLONIAL PARLOR SUIT.

No. P. 53. This exceptionally attractive and stylish colonial parlor suit, consists of a magnificent sofa, comfortable easy chair, and splendid reception chair; artistic and fashionable design. The massive frame which is marked by grace and shapeliness of form, combined with the utmost solidarity of construction is in selected quarter-sawed oak, hand polished to a fine piano luster. Hand carved and covered with genuine Leather. The legs of this suit are four inches square, very exclusive design, all hand made and hand carved. Made by a famous eastern manufacturer for exhibition at the St Louis World's Fair. Price.....$69.75

PARLOR SUITS.



No. 39½. This beautiful Upholstered Set, like cut, consisting of Sofa, Arm Chair, Platform Rocker and two Reception Chairs. Was secured from parlors of leading Modiste exhibition. Cut shows three pieces. There is a Platform Rocker with same style of frame as Arm Chair shown. This set is finely upholstered, spring edge seat, frames neatly polished, in first-class condition. Price.....$21.50

No. 40. One 5-piece Parlor Set, covered in crushed plush of a good quality. Has plain back and seat. Back completely over-stuffed. Pieces consist of one Sofa about 4½ feet long. Has a single bar over-stuffed arm with fringe depending therefrom. Has fringed edge at base. One Arm Chair, same description as Sofa, and three smaller Reception Chairs to match. Secured from one of the exhibits on the Pike. Shows wear to considerable extent, but still a desirable set.
Price $16.50

No. 41P. One upholstered 3-piece Set of mahogany frame, back has plain panels, heavy arms, nicely polished, seats upholstered with a good quality of material. Stuffed with moss and other good upholstering articles. Taken from reception room of Philippine exhibition. Is in fair condition.
Price $12.50

No. 42. One 3-piece Set, used in office of manager of Philippine exhibition, frame upholstered in good quality of covering, filled with sea moss and other good upholstering materials. Size of different pieces as follows: Sofa about 4 feet long, has very deep center; good springs, back completely over-stuffed, plain, arms covered. Other pieces to match Sofa in general appearance, consisting of one Arm Chair, same general dimensions; one small Reception Chair, minus arms.
Price $15.00

No. 55FO. One completely over-stuffed 5-Piece Parlor Set, from one of the various Pike concessions, covered with fine high-grade upholstering materials in blending shades of tan, old gold, dark green and other colors; is somewhat worn and shows the aforesaid wear, but is still in good condition and suitable for many years' wear.
Price $16.00

No. 44F. One 3-piece Set from Pike exhibition, consisting of Sofa of about 40 inches long, back about 40 inches high. Back has two neatly carved panels, arms are plain, neatly polished; seat of good springs, covered with nice quality of upholstering goods. Arm Chair to match; one small Reception Chair minus arms. A very presentable looking set, and in first-class condition.
Price $9.80

No. 45F. One 5-piece Reception Set. Used in Hagenbeck's circus office on the Pike. Has regulation size Sofa about 40 inches long, containing neatly carved back with two inserted panels upholstered and covered with very neat pattern of green velour. One Arm Chair to match; also one Arm Chair set on platform with rocker attachment. Two small Reception Chairs. Is in good condition, shows no wear. Frame in mahogany finish.
Price $18.75

No. 46. 4-piece Set from one of the various Pike concessions, covered with neat patterns of figured tapestry, including one Arm Chair, one Platform Rocker, two Reception Chairs. Has upholstered back panel, edge of frame neatly carved. In fair condition.
Price $11.50



No. H.B. 168. Here is a Parlor Suit, that we recommend as one of the best values, for the money, that was ever offered by any house in America, upholstered in imported velours. Price $16.00

We are Receiving New Stocks of Furniture Daily.



No. 406. 5-piece Suit. We have about 5 of these handsome 5-piece Suits. All have fine mahogany finished frames, which are both artistic and strong. They are covered with neat patterns of velours, corduroys, and semi-veronas, in different shadings of colors. We safely assume that if you send us an order for one of these 5-piece Sets, you will be pleased beyond your furthest expectations.
Price .....per suit, **$19.50**

No. P. 53. This exceptionally attractive and stylish colonial parlor suit, consists of a magnificent sofa, comfortable easy chair, and splendid reception chair; artistic and fashionable design. The massive frame which is marked by grace and shapeliness of form, combined with the utmost solidarity of construction is in selected quarter-sawed oak, hand polished to a fine piano luster. Hand carved and covered with genuine Leather. The legs of this suit are four inches square, very exclusive design, all hand made and hand carved. Made by a famous eastern manufacturer for exhibition at the St. Louis World's Fair.
Price **$69.75**

MAHOGANY PARLOR SUITS.

No. P 51. The workmanship of these handsome Parlor Suits is of the highest character in Genuine Mahogany, Moorish design, which is one of the prettiest on the market. Consists of an Arm-Chair, Rocker and Sofa. Has an extra high back and beautiful hand carved dragon-head on front post, and claw feet on legs. Hand polished to fine piano luster, upholstered in calf-skin and felted cotton on the best oil tempered springs. This suit is not only a work of art, but combines comfort with solidarity in construction. Was the adoration of visitors to the furniture exhibit of the St. Louis World's Fair.
Price **$39.75**

No. P. 52. Same as the above, upholstered in two tone Green Silk French Verona. Price **$35.75**

LOUIS XIV. PARLOR SUITS.

No. P. 52. A most luxurious and handsome design of the Louis XIV period. The frame is made of quarter-sawed oak, high hand polished, each piece has a large beautiful hand carved dragon head on front post. Legs have extra heavy claw feet, upholstered in leather, biscuit tufted back and plain seat, fitted with the best oil tempered springs. Was on exhibition at the Louisiana Purchase Exposition.
Price **$42.50**





ODD PARLOR AND RECEPTION CHAIRS.

No. 158. One Reception Chair, upholstered seat and back, blue material, fringed base, fair condition. Price.....**$1.75**

No. 171. Roman Chair, nice mahogany finished frame, with upholstering on seat of good quality, covered with fancy patterns in velour and corduroy. Secured from Michigan State Building. Price.....**$1.90**

No. 169. Four Venetian Chairs in mahogany finished frames, rounding backs, neatly upholstered sides in verona, good filling. These were used in the parlors of the California State Exhibit. Are in good condition. Price..... each, **$2.25**

No. 156. One fine Walnut Frame Chair with upholstered seat, back and arms of compact design with nicely carved top. Good quality of upholstering. Somewhat worn, but still in fair condition. Was also used in living rooms of Mexican Restaurant. Price.....**$4.75**

No. 170. One very fine Polished Oak Settee or Bench, with double shaped saddle seat. Is about 45 inches long, has heavy spindle back, about 38 inches high; arm spindles being of heavy, nicely finished oak. This was used in the parlor of the Inside Inn. Price.....**$4.75**

SPECIAL PARLOR SUITS



No. 59. Secured from Liberal Arts Building, Women's Rest Room, 2 handsome 5-piece Parlor Suits similar to illustration. The frames are massive and neatly carved and are finely polished. Each set includes Arm Chair and small Reception Chair in addition to 3 pieces pictured. One set is covered with a very pretty figured Verona, dark green, and the other has a heavy tapestry covering, also dark green, with floral designs. These suits are guaranteed to be perfect in every way and we offer them for sale under this guarantee.
Price.....each, **$22.00**

No. 60. One odd Sofa of small size, upholstered seat and upper section of back; bottom part of back fancy spindle effect, finished in a light shade of cherry; has seen some hard wear during the Exposition, but is still in serviceable condition.
Price.....**$3.25**

No. 61. One beautiful Arm Chair, with square box frame back, which slopes to conform with the user's back; has deep seat, also broad arms of highly polished mahogany wood. Height of back from floor 40 inches, width of seat 35 inches, covered with imported mohair, dark red, Exposition shade, filled with finest material possible, in excellent condition. One of the Pennsylvania State Building's Reception Chairs.
Price.....**$12.50**



No. 62. Two 3-piece Suits like above illustration. Were used in "Walled City" living rooms. One is covered with neatly figured velour and the other with tapestry; both have nicely polished mahogany frames. We have overhauled these Sets and can faithfully state that their present condition renders them excellent values and fit to adorn any parlor.
Price.....each, **$12.50**

PARLOR FURNITURE

From the World's Fair, St. Louis

The following list represents only a few of the many beautiful pieces in fine parlor furniture, which came in our possession from the various Exhibition Palaces, Foreign Buildings and State Houses of the Exposition.

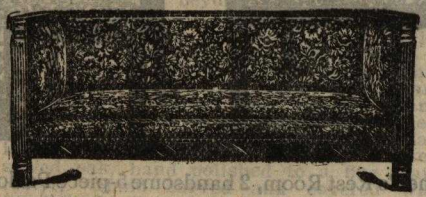
These goods have all been overhauled and are described exactly as to their present condition.

The historical features in connection with these items alone render them almost priceless.

Think of being able to secure as a souvenir from the most wonderful exposition of modern times, a handsome and durable article of household furniture.

The prices quoted are without regard to the intrinsic value of any of the articles listed. You thus have the opportunity to select some suitable article of furniture for less than actual cost of manufacture.

DAVENPORTS AND SOFAS



No. 7½ F. One very beautiful Davenport, built-up ends and back, similar to cut. Filled with finest grade of upholstering material and covered with suitable coverings of tapestry and velour. Taken from Royal Hoo-hoo Exhibition Building. This Davenport is in excellent condition, shows practically no signs of 6 months' usage.
Price..... **$18.00**

No. 1. One handsome Davenport about 8 feet long, back stands about 42 inches high, depth of seat about 24 inches. Seat is plain, back tufted, also ends, completely over-stuffed. Covered with fine grade of corduroy in an old gold coloring.
This was used in the reception room in the Palace of Fine Arts. Cost $190.00 to build.
Price..... **$55.00**

No. 2. Davenport Sofa. Walnut frame, length 75 inches, upholstered seat and back, Louis XV. style. Is upholstered in dark red car plush, filled with hair; in fair condition. Also used in the Palace of Fine Arts.
Price..... **$12.00**

No. 3. Three-piece set, including one massive Davenport about 8 feet long, completely over-stuffed, tufted, filled with hair and sea moss. Color of covering old gold in corduroy. Two arm chairs to match, their sizes each about 34 inches wide, height of backs 35 inches, depth of seat 24 inches. Round arms are completely over-stuffed to match Sofa. Used in reception room of Administration Building. Cost to manufacture $275.00. All we ask for this 3-piece set is..... **$100.00**
The above is in first-class condition.

No. 4. Large, massive Davenport from reception room of German Exhibit, covered in a dark brown material of fine texture, tufted back and ends. Length about 7 feet 10 inches. Height of back about 36 inches. Is completely over-stuffed, filled with hair and sea moss.
Price..... **$65.00**

No. 5. One beautiful Davenport, 7 feet 8 inches long, height of back about 36 inches. Arms slope from above height at back to a height at front of 30 inches. Completely over-stuffed, diamond tufted, covered with fine grade of dark velour. Depth of seat about 21 inches. In first-class condition. Taken from Palace of Varied Industries.
Price..... **$60.00**

No. 6. One beautiful 3-piece Set from Pennsylvania State Building, includes massive Sofa, nearly 8 feet long, height of back about 42 inches, same slopes backward from seat, making a very comfortable resting back; width of seat about 23 inches; back and seat are upholstered in a beautiful shade of dark red silk plush; has plain wide arms at either end, extending from back to front of seat and supported by plain round columns; woodwork in mahogany. Arm Chair is about 35 inches wide and proportioned same as Sofa. Price of this 3-Piece Set, which is in excellent condition, **$115.00**

No. 7. One fine Davenport Sofa, length about 6 feet 2 inches. Has adjustable back that can be turned down and made at same level of seat into a complete bed full size. Back and seat are covered with an excellent grade of corduroy in dark green stripes, tufted. Framework of polished wood at either end, in mahogany finish. Was used in office of Captain of Jefferson Guards. Has seen little wear and can be recommended as being in first-class condition.
Price..... **$31.00**

No. 8. One massive upholstered Davenport, length about 9 feet. Height of back about 42 inches. Has rounding arms at either end, frame completely over-stuffed. Upholstering includes very fine grade of Florida moss, covered with a dark brown corduroy. Back and ends are tufted and seat is plain. Width of seat 23 inches. This Davenport was much admired by all visitors to the Educational Committees' Reception Rooms. Is in good condition, and shows but little wear.
Price..... **$50.00**

IT IS ALL OFFERED SUBJECT TO PRIOR SALE

SOFAS AND SETTEES—Continued

No. 17. One octagon-shaped Rotunda Settee, taken from the entrance of the Jerusalem Exhibit. Is about 5 feet in diameter, in two sections, which can be placed together, making an octagon-shaped or circular seat. Has center column which rises to a height of 39 inches from floor. Settee is upholstered with Florida moss and covered with a very fine quality of dark green corduroy. Height of seat from floor about 18 inches and depth of same from edge to center column or back is about 24 inches. This is a bargain for anybody who can use such a described article.
Price.....**$12.00**

This Settee is in fair condition. We will ship same in two sections.

No. 18. A beautiful Rotunda Seat, which was used in the reception parlor or lobby of the Transportation Building. It is about 6 feet in diameter, has a circular seat with center pillar extending to a height from floor of about 50 inches and surmounted on top by a cap piece of either genuine mahogany or rosewood 22 inches in diameter and about 2 inches thick; finely grooved edge. Diameter of this center cushion at point of joining with seat is about 36 inches, which leaves a seat about 22 inches wide. The seat is plain and the cushion or back is diamond tufted; covering is of fine velvet in a dark green shade. Upholstering in fine moss and cotton felt. Exposition authorities claim this Settee cost $350.00. We quote same at..... **$75.00**

It is in excellent condition and shows no signs of wear. Will be suitable for club room or hotel or many other general purposes.

No. 19. One Rotunda Settee, appearance similar to No. 18. Has also center column of same dimensions as No. 18, tufted, and capped with mahogany headpiece. *At the bottom of seat, extending around the Settee, is a 1½-inch* border of beautiful French gimp, studded at intervals of 2½ inches with heavy brass caps about 1 inch wide. From point of this border there extends to floor heavy columns of genuine mahogany to the number of about 8 at edge and 4 in center of Settee. Is covered with fine imported velvet velour in dark red shades. General condition almost perfect.
Price..... **$85.00**

No. 20. One Rotunda Seat from Mines and Mining Building. Height about 48 inches, diameter about 6 feet, diameter across center column about 36 inches, sloping towards the top. Is plain and has circular cap of cherry finish. Has fine spring seat, upholstered in highest grade materials; this also applies to back. Has about 9 massive legs to support the seat, extending all the way around base on outer edge. These are made of genuine mahogany.
Price of this Settee..... **$65.00**

No. 21. Is a similar-shaped Settee, general dimensions same as above. This also applies to upholstering and general style of covering, except that covering is in sea green. Bottom edge of seat is bordered with heavy gimp in a width of 1½ inches, studded with heavy brass cap tacks 1 inch in diameter; these extend all the way around the seat. Has also heavy legs extending from base of seat to floor. Is in excellent condition; shows practically no wear.
Price..... **$60.00**

No. 21½. One very fine Colonial Sofa, about 6 feet in length, covered with fine mohair plush, dark red; filled with hair and moss. Back is upholstered to match seat, has fine panel back rail of black walnut extending in serpentine shape length of back, which is about at an elevation of 40 inches and rounding at the corners to height of about 22 inches from floor at the front edge of arms. This makes a very beautiful appearing article; is somewhat worn and covering shows signs of wear, but frame is intact.
Price.....**$14.50**

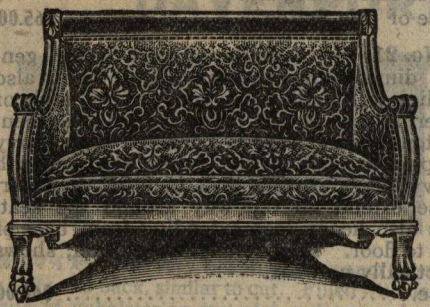
No. 22½. Is an odd Sofa, secured from Egyptian Exhibit on The Pike. Has upholstered, stuffed back, upholstered arm rail, good springs in seat and general conditions fair, although somewhat used.
Price.....**$8.50**

No. 23½. One odd Sofa upholstered in fine imported plush, good spring seat; filled with hair and fine sea moss. Has very neat appearing and rounding back rail, upholstered, from which there descends a neat fringe; back has also one neatly carved center panel.
Price.....***$9.00***

No. 24½. One Sofa about 54 inches long, with over-stuffed arm and rosette on front of same; made of walnut, nicely polished. Back is upholstered and covered with fine quality of crushed plush, dark blue shade; similar material covers the arm and seat. Top of back has a walnut rail with neatly carved center effect. Was somewhat used, but still in fair condition and will be suitable for a rear parlor or sitting-room.
Price.....**$8.00**

DAVENPORTS

This list of Davenports includes some of the handsomest specimens taken from the Great World's Fair. They are just as represented, mostly all perfect in every respect. They were the admiration of all visitors to the grounds. While not strictly speaking Davenports as constructed for the home, we would recommend them to anybody with a dwelling abode containing a reception room or parlor large enough to accommodate one of these articles. They are perfect specimens of the cabinet maker's and upholsterer's art, and could not be duplicated for four times the prices quoted.



No. 11½F. One very handsome Davenport, similar to cut. Secured from Inside Inn reception parlor; finely upholstered and covered with handsome verona, dark green shade; frame polished in mahogany finish.
Price $24.75

No. 12½F. Is a Davenport containing about same style of frame as the one described above, but covered with genuine leather. This was also used in the same building. Is in perfect shape.
Price $32.00

No. 9. One upholstered Davenport, completely over-stuffed, with roll edge; continuous arms extending from back, length about 7 feet, height of back from floor about 38 inches. Is completely over-stuffed and has fine spring back and seat. Back tufted, also ends; seat plain. Covering is of maroon shade of French velour. This is one of the five Davenports used in reception room of Transportation Building.
Price $50.00

No. 12. One massively constructed Davenport about 7 feet long, covered with imported fabric, tufted back and ends, plain seat, back about 38 inches high, from which arms slope to a height of about 32 inches in front. Was used in reception room of Virginia Building. In excellent condition.
Price $40.00

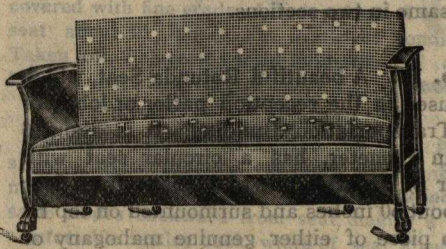
No. 13. One very fine Davenport about 8 feet long, upholstered in fine sea moss, covered with beautiful panne velvet, dark red color. Was used in Government Building. Is in good condition; shows but little wear.
Price $55.00

No. 14. One massively constructed Davenport about 7 feet long, height about 40 inches. Has deeply diamond-tufted back; arms are completely over-stuffed, also back; has plain seat, very fine quality of imported material, dark red color; upholstering in sea moss and felt; workmanship is of high grade. Was used in a lobby of the Horticulture Building.
Price $62.00

No. 15. One Davenport similar to above but in an 8-foot length, same materials, same style of upholstering except that color of covering is in a very beautiful shade of dark green.
Price $75.00

No. 16. One Davenport, high back, rounding ends with roll effect on top and row of top tufting; back and ends are also tufted. Plain seat exceptionally deep and very comfortable; frame is of mahogany which only shows at extreme bottom of legs to a length of about 4 inches; covered with green panne velvet and upholstered in Florida moss and other good material.
Price $50.00

Bed Davenports.



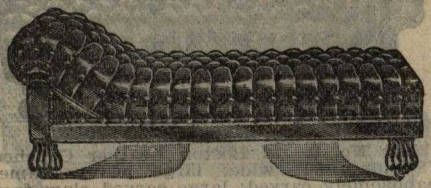
No. 17. Massive bed Davenport finished in Birch Mahogany, hand polished frame; has a gate which can be opened to make full head and foot. Upholstered plain with felted cotton, covered with the very best French Verona. Best oil tempered steel springs and has a box under seat for bed clothes. The ends are made of one piece, has a very massive appearance and are polished to a fine piano-luster. It is a work of art and a most extraordinary bargain. Was on exhibit in the Liberal Arts building at the St. Louis World's Fair.
Price $29.75

Lot No. 18. 3 very handsome gate-end Davenports; width when open for bed 48", length 78". Constructed on a heavy substantial frame; Golden oak finish; folding hinge gate-end holds up the upholstered back when used as a sofa; serves as head and foot of a regular full sized bed when open; seat and back made plain; spring seat and back, covered with a handsome grade of green imported velour.
Price each $16.50

Lot No. 19. 4 gate-end Davenport beds, size when open for bed 48" wide, 75" long. One of the latest and newest patterns, in mahogany finish, highly polished; oil tempered spring seat and back and underneath the seat is a large wardrobe box for bed clothing. This Davenport is very massive looking, and the construction is of the finest on the market; covered with an imported verona plush, either in green or red. Fitted with a steel oil tempered spring. This Davenport generally sells in any furniture house in the country for—$45.00.
Our special price, each.....$26.50

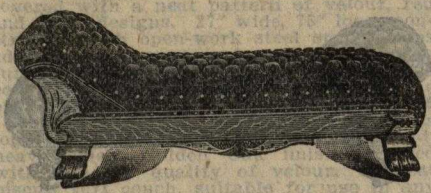
Bed Couches and Lounges

From Official Quarters in Different State and Government Buildings.



No. 252½. One very handsome Chase Leather Couch, full length and width, with handsome polished oak frame, carved claw feet. Finest springs with openwork construction. From Virginia State Building; was used but very little and is now in perfect condition.
Price $11.50

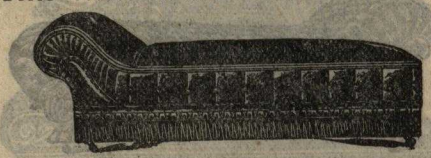
No. 254. One Over-tufted Top Couch about 27x75; has best quality of steel springs and steel openwork or sanitary frame. Was used in Mining Building. Is in excellent condition, shows no signs of wear. This couch has a very neat fringe bottom.
Price $6.25



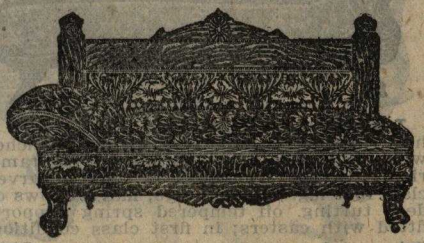
No. 263. One fine Leather Couch, full length and width, massive oak frame, finely polished, with heavy claw feet. Was used in reception parlor of Intramural Railway offices. In good condition. Shows no wear.
Price $18.75

No. 250. One handsome Chase Leather Couch 30 inches wide, nearly 7 feet long; was used in executive offices of Administration Building. Has finest steel constructed base, good quality of upholstering material, covered with Chase leather; is in excellent condition; shows no signs of wear.
Price $12.50

No. 354F. One Rocker similar to above, taken from same building, resembles No. 353 in every way except that it has a plain panel back instead of over-stuffed, upholstered headrest.
Price $11.00



No. 265. Special Couch. Four of these handsome Chase Leather Couches, full length and width, were used in Visitors' Galleries of Fine Arts' Building. They are as good as new and show no signs of their 6 months' use. The springs are of finest tempered steel on the popular open-work cross construction frame, also of steel. These bargains we offer at
Each $11.50



No. 260½. One handsome well-proportioned Bed Couch, similar to cut. Taken from offices of Rhode Island State Building. Is covered in neat patterns of velour, good heavy polished wood frame. Has best of springs. Is in good condition.
Price $9.50

No. 259. One Bed Couch, somewhat similar to above, showing signs of wear, but in fair condition.
Price $9.00

No. 260. Full size Bed Couch with upholstered back panels, raised head, neatly figured patterns of seat coverings.
Price $11.00



No. 262. Couch, like cut, full length, tufted top, fringed edge, neatly figured coverings. Springs of superior quality, tempered steel. In good condition throughout.
Price $5.50

No. 258. One very handsome Bed Lounge, 30 in. wide and full length seat, covered with neatly figured velour, back panels upholstered in same material, best of springs; size of bed section when open makes a double bed; fitted with sanitary springs, which make this an excellent article. Show practically no signs of wear.
Price $10.75



No. 254½. One very handsome well-proportioned Couch, similar to cut. Taken from Ohio State Building; saw but little service. Has been overhauled and is in practically new shape.
Price $7.25

No. 255. One Couch, somewhat similar to above pattern, all tufted top, fringed lower edge. Has seen some wear, but is still in fair condition.
Price $4.50

Write for anything not listed.

COUCHES—Continued



Lot No. 2. 26 Couches, covered with a heavy grade of imported velour; 28 inches wide, 75 inches long. Strong heavy frame, richly carved, Golden Oak finish, carved claw foot legs; spring edge; has six rows of deep tufting, oil tempered spring support; fitted with casters; in first class condition.

Price each $4.85

Lot No. 5. 8 handsome new designed couches, length 76", width 30", large heavy carved claw foot legs; golden oak finish; six rows of deep tufts; heavy white canvas duck bottom, and a steel oil tempered spring. Covered with imported velour. One of the finest constructed couches on the market for the price.

Each $3.25

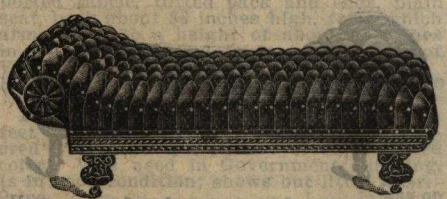


Lot No. 6. 14 couches, constructed on a solid oak frame, trimmed with heavy beaded moulding; length 76", width 27". Have massive carved claw foot legs; plain seat and head, and covered with handsome floral pattern velour. Hafner's warranted oil tempered steel spring.

Price each $3.45

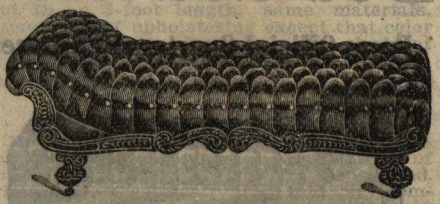
No. 253. One couch, size 27x75, plain top, covered with good grade of velour, best of steel springs on heavy steel openwork frame. A sanitary couch in every respect. Secured from one of the various concessions on the Pike.

Price $9.50



Lot No. 7. 22 beautiful Chase Leather Couches, full width and length; six rows of diamond tufting. Upholstered with best of material, and fitted with new open-work steel spring, which is oil tempered and guaranteed not to break. Frame is made of hardwood, finished in highly golden oak; have large massive claw foot legs; big bargain at the price.

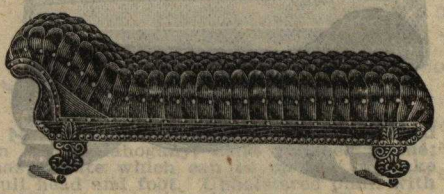
Each $10.25



Lot No. 8. 16 Boston Leather Couches 78" long, 30" wide; large heavy frame, handsomely carved; large carved claw foot legs; golden oak finish, spring edge; made with seven rows of deep diamond tufting; heavy white canvas duck bottom, with a Pullman steel constructed spring. This couch will wear almost as well as leather.

Price, each $11.25

No. 257½. One very handsome genuine leather couch, 30 inches wide, about 78 inches long, diamond tufted, upholstering material of the finest grades of moss, etc. Was used in the office of the commander of the Jefferson Guards. This item is an excellent bargain at the very low figure of **$27.50**

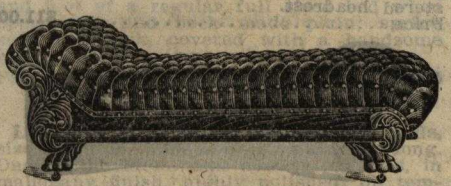


Lot No. 9. 9 Genuine leather couches, full width and length, tufted top, filled and upholstered in the finest materials; oil tempered steel springs; frame is solid oak, highly golden finish; very massive roll head of proper height. These couches are worth at least $40.00. In perfect condition, and covered with the best of leather.

Price each $21.50

No. 256. One fine full width and length couch, extra high, box frame, covered with good quality of material, neatly tufted top. From Mining Building.

Price $12.50



Lot No. 10. 12 Horse hide Leather Couches 76" long, 30" wide; heavy frames of quarter sawed oak; nicely carved claw foot legs; spring edge; six rows of diamond tufting; white canvas duck bottom. Constructed on a Pullman oil tempered steel spring. These couches are exceptionally big value at the price.

Each $22.50

Bed Lounges and Adjustable Couches.

BED LOUNGES.



No. H52. Upholstered in Tuscana Verona with woven wire spring and coil support. Size 42x72. The carvings ornamenting back are unusually artistic and finely polished. Shipping weight 175 lbs. Price.....**$11.75**

Lot. No. 1. 38 Couches, length 72 inches, width 24 inches; frame substantially made, and is very attractive, heavily embossed, golden oak finish; heavy carved claw foot legs. Covered with a handsome floral pattern imported velour. White canvas duck bottom, with guaranteed open-work spring. Price each **$3.80**

Lot No. 3. 75 good substantial couches, covered with a neat pattern of velour, red and green designs. 27" wide, 75" long; constructed with open-work steel spring sides adorned with neat embossed frame. Can furnish same with fringe or without. This couch is an exceptional bargain at the price, each **$3.75**

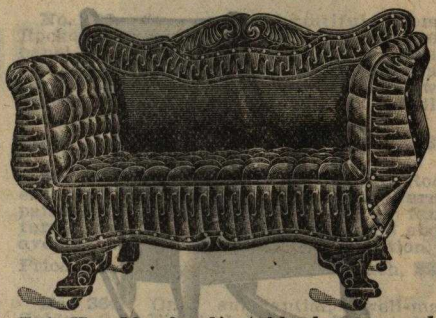
Lot No. 4. 16 full size couches, 80 inches long; have handsomely carved roll head; heavy sides; Golden Oak finish; covered with a heavy quality of velour. A neat biscuit tuft couch, suitable for use in any parlor or library.
Price each **$5.25**

No. 78. One very neat-appearing Sofa; about 52-inches long, upholstered in Mohair plush, filled with a superior quality of upholstering material. Back has an upper panel about 12 inches wide, extending the length of the Sofa and upholstered and covered with same material as seat. Bottom section of back is composed of very neat panel and lattice work effects; frame in cherry. Arms are of polished wood, containing a double rail with center effects of spindles, neatly carved. Sofa is in fair condition and although considerably worn, is still suitable for a sitting room.
Price **$7.50**

BED LOUNGE.



No. H51. Unquestionably one of the best constructed bed lounges on the market. Upholstered in Tuscan Novelty Verona. Has massive carved frame of golden oak, fine claw legs. Has a full woven wire bed with steel supports and heavy cotton top mattress. Back is also heavily upholstered. Size when open 72x45 inches. Weight 160 lbs.
Price.....**$12.50**

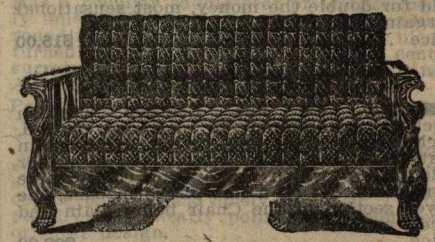


Lot No. 12. 3 adjustable lounges; adjustable arms, length of arms when down 77"; seat 26" wide; heavy frame; large massive claw foot legs; back is nicely carved; finished in rich golden oak. seat and arms are diamond tufted. Deep fancy ruffle on back and front of arms and seat; spring edge, and constructed on an oil tempered steel spring; covered with genuine Chase leather.
Price each **$21.00**



Lot No. 11. 2 adjustable lounges, with adjustable arms; length of arms when down 77", seat 26" wide; plain seat and arms; handsomely carved frame; golden oak finish; constructed on an oil tempered steel spring. Covered with handsome velour Pann plush. This is just the thing for library or living room use. Exceptionally big value.
Each **$12.75**

BED DAVENPORT.



No. H50. This Davenport is of the finest construction in birch mahogany. Hand carved and hand polished. The frame is of a massive appearing design, has ornamentations on corner posts, heavy feet, and polished to a high gloss finish. Upholstered in Imported Velour, biscuit tufted, lined with the best felted cotton. Has a gate which can be opened to make a full head and foot. Has an all metal box under seat for bed clothes. Springs are of the best oil tempered steel. An elegant Davenport and most comfortable bed. Was made by a well known manufacturer for the furniture exhibit at Louisiana Purchase exhibition. Price.....**$28.50**
Same in leather.....**$37.50**

UPHOLSTERED ROCKERS.



The following list of Upholstered Rockers were secured from the offices of the various buildings at the St. Louis Fair.

No. 349. Finely upholstered, massively built Rockers, like cut. Is covered in genuine leather. frame is nicely polished golden oak. Was used for only 60 days in Kentucky Building. Is now in perfect condition.
Price $12.50

No. 352-F. One upholstered Rocker, seat and back covered with genuine leather, frame in a beautiful mahogany finish, very similar to cut. From Wisconsin State Building. Is in good condition.
Price $13.50

No. 353-F. One very fine upholstered seat and back Rocker, covered with genuine leather, has very massive roll at top of back which makes a comfortable head rest; frame finished in rich shade of golden oak. From Government section of Fine Arts Building. In good condition.
Price $12.00

COLONIAL ROCKER.

No. P. 60. Made of selected quarter sawed oak in magnificent design, combining strength and shapeliness. Hand polished, hand carved. Full spring seat filled with hair and covered with the finest horse hide. Construction throughout is of the strongest possible character, and thoroughly guaranteed. Equal to any rocker being sold for double the money, most sensational bargain ever offered.
Price $15.00

TURKISH ROCKERS.

No. 350. One fine Leather Turkish Rocker, upholstered in diamond tufted, back over-stuffed, and tufted arms, plain seat, back has projecting ledges at either side of top which make very comfortable head rests, set on a fine platform base, the lower section of the Chair being plain and nicely polished.
Price $23.00

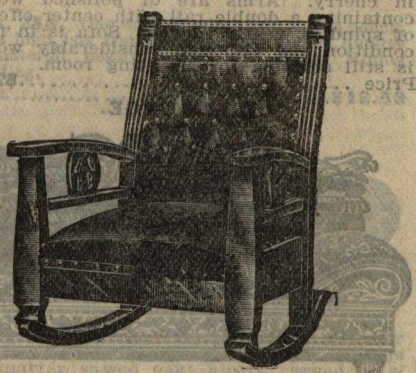
No. 350-F. One fine upholstered Turkish Platform Rocker, has massive frame, completely overstuffed. Covered with genuine leather, roll arms and head rest on back. The upper part of back has two projecting ledges on either side also upholstered in leather. These serve to render one's position in this Chair very comfortable. Rocker almost new; shows no signs of wear.
Price $21.00



TURKISH ROCKER.

No. P. 59. Exactly as shown in cut is covered with genuine horse hide and calf skin, and leather fringe all around. Patent spring rocker which can be adjusted to any position, which gives it double the elasticity of any other rocker. Oil tempered springs. Hand buffed leather. An exceptionally comfortable chair. Was exhibited in the Liberal Arts Building at the Louisiana Purchase Exposition by one of the largest eastern upholsterers who make a specialty of high class upholstering.
Price $24.75

No. L 300. Fine upholstered Turkish Rockers, with massive oak frame, completely over-stuffed, covered with genuine leather, massive overstuffed arms and head rest. Is filled with best grade filling on the market and oil tempered springs. This chair is hand-made and is in perfect condition. Was used as a manufacturer's sample.
Price $20.00



No. 3547. This large and roomy Rocker is finished in quarter-sawed oak. In construction and finish, there is none better. Has a high leather back with plain panel top. Leather seat supported with the best oil tempered steel springs.
Price $11.00

UPHOLSTERED ROCKERS—Continued.



TURKISH CHAIR.

No. 357½. Same as cut, all over-stuffed Turkish Chair. Made in Oak or Mahogany frame, filled with the best Australian Moss, which is considered by all upholsterers superior to hair, as it will not pack down. All buttons are securely fastened, hand-buffed leather. Has a new patent spring rocker, all spring work is highly tempered. This is without doubt one of the best chairs turned out.
Price $21.75

No. 358. Is a completely over-stuffed Easy Chair. Has large roll arms; also roll head piece, each nicely tufted. Is entirely covered with Philippine horse hide. This Leather Chair was secured from the quarters of the Philippine exhibit and represents hand work of a native Filipino. This is a curiosity and is very reasonable at the price.....$6.00

No. 360. One very handsome Birch Mahogany Rocker, modern pattern, has saddle seat in leather, heavy base, square style of back with nicely rounded panels to the number of four extending across same and forming a very neat as well as comfortable back rest. From reception office of Brazil Building. We guarantee this Rocker to be in perfect condition.
Price $2.90

No. 361. One Mahogany Finished Rocker in good condition, from same building. Has a number of spindles supporting each arm, said arms being composed of heavy 2-inch runners, nicely polished; back is heavily supported by 8 spindles, surmounted with a large arch-shaped panel at top. In good condition.
Price $3.25

No. 362. One very beautiful Roman Rocker, has low back, formed in shape of a panel, rounding arms supported by heavy columns or spindles each nicely fluted and turned; finely finished, heavy runners, well braced with support rounds or spindles. Secured from Brazil Building.
Price $3.25

No. 363. Two Mahogany Finished Rockers, spindles supporting rounding arms, panel back surmounted with heavy fancy turned panels at top; back is a little above average height. Both in good condition.
Price ..... each, $2.80

No. 364. One substantial, well-made Golden Oak Finished Rocker, back a little above average height, has a center with double cross panels, one above and one below; bent wood arms with spindle insertions; seat nicely shaped. In good condition.
Price $2.50

No. 365. One Mahogany Finished Rocker, cobbler seat, heavy column supporting each arm, back medium height, has large center panels extending from seat to top rail, nicely finished. In good condition.
Price $2.00

The following 6 Rockers were secured from the Chinese national exhibit. Patterns are not oriental in any way, but represent modern, up-to-date Rockers of very neat designs:

No. 366. One Cherry Finished Rocker with quaint cobbler seat, very neatly adjusted base, peculiarly fashioned arms and center scroll pattern of back panel, supported on top by 1 wide cross panel, all neatly finished. For this exceptionally pretty Rocker we ask only.....$2.75

No. 367. One Chair somewhat similar to above, except that it has columns supporting arms which are bent upward from back, has also center panel supporting a top column in back. In good condition.
Price $3.00

No. 368. One Cherry Finished Rocker. Has a peculiar saddle seat of leather, neatly finished base, front of seat is rounding, rounding arms are supported by nicely turned columns, back has a column center surmounted by a quaint oriental top panel. All nicely finished.
Price $2.50

No. 369. One Light Finished Rocker, very nicely polished, has spindle column supporting arms which are rounding to the center panel, back nicely polished, 1 cross panel on top, neatly polished; cobbler seat, oriental design.
Price $3.50

No. 370. One Light Finished Rocker, nicely polished, has a cobbler seat with very quaint Chinese animal design drawn thereon, rounding arms with column supports, back is a single panel extending to small point at top, which is surmounted by an antique designed panel.
Price $3.25

ROCKERS



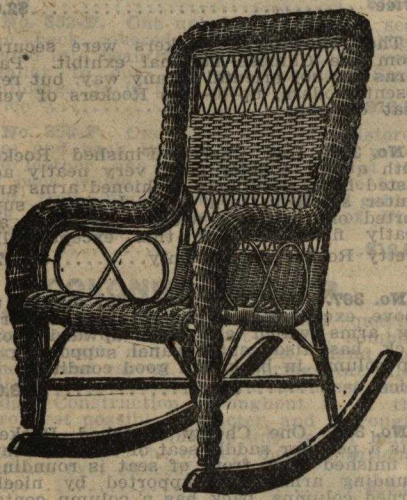
No. 507

No. 507. Fine large Wood Seat Rocker, carved back, fancy turned spindles and posts, made of oak and in a rich golden finish. 100 in stock.
Price.....each, **$1.85**

No. 509. This elegant Rocker has fine cobbler leather seat with shaped front, fan-shaped back, finely embossed. Oak and mahogany finishes. 85 in stock.
Price.....each, **$2.15**



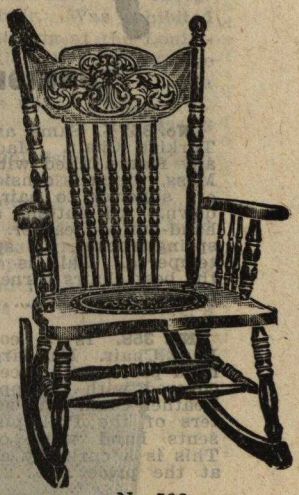
No. 509



No. 511.

No. 511. This beautiful Reed Rocker is made from finest kind of domestic reed and hand shaped; is very durable and would be an ornament to any parlor. Have just 71 on hand.
Price.....each, **$2.55**

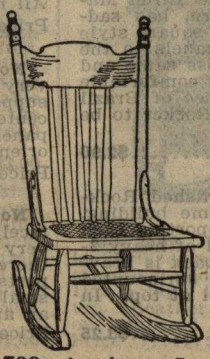
No. 508. 53 of these Leather Seat Chairs on hand. Either oak or mahogany finish.
Price.....each, **$2.25**



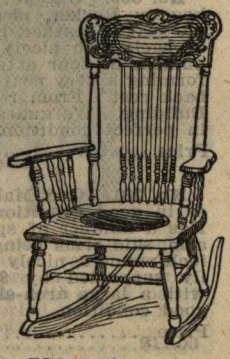
No. 508



No. 521. About 150 of these Rockers; some are oak and others in mahogany finish.
Price.....each, **$3.25**



No. 500. An elegant Sewing or Reading Rocker, well made and finished. 48 on hand.
Price.....each, **$1.20**



No. 520. About 30 of these splendid Chairs in oak and mahogany finish
Price.....each, **$2.80**

ROCKERS

No. 373. A very pretty American fashioned quarter-sawed Oak Rocker, finely polished, pressed leather seat, studded with brass-headed tacks on outer edge, back is fashioned from 6 spindles divided in center by heavy 3-inch panels and closed on outer sides by heavy pillars, surmounted on top with neatly turned cap rail. A very handsome-appearing Rocker, in good condition.
Price **$4.00**

No. 374. One good solid, well-constructed Golden Oak Finished Rocker, large panels and back spindle center and lower panel; arms are large, nicely turned and braced with neatly finished spindles and steel bracing rods, saddle seat.
Price **$2.25**

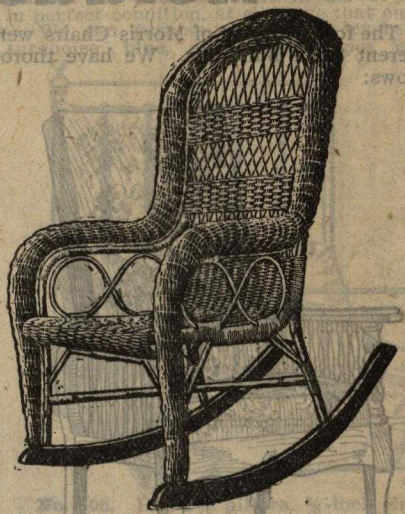
No. 376. One heavy Golden Oak Rocker, has circular formed back, with 7-spindle center, strong, well braced, rounding arms with spindle supports; finely formed saddle seats, neatly turned, oak rounds and spindles.
Price **$2.50**

No. 377. One very pretty light Roman Rocker, without arms, suitable for front parlor or bedroom, fine selected golden oak, saddle seat, extra heavy base, spindle back with fancy turned top rail. In perfect condition.
Price **$4.00**

No. 3780. One dozen Golden Oak Finished Rockers, cobbler and saddle seats, high backs, with panel and spindle supports on same. All in good condition.
Price ..... each, **$1.75**

No. 379. Six solidly and well-constructed Oak Rockers, have spindle backs with double cross rails, well braced, neatly fashioned arms, well supported, heavy bases, some have perforated wood seats, others plain saddle seats.
Price ..... each, **$1.75**

No. 382W. Six nicely finished Golden Oak Rockers, have large back panels on top, spindle centers, cross panels below, rounding arms supported with heavy spindle sides, cane seats, in a square box pattern and heavy bases. All in good condition. Secured from Michigan State Building.
Price ..... each, **$1.95**



No. 375. Special. We secured all the handsome Reed Rockers, to the number of 50, used in the beautiful reception parlors of Fair Japan on The Pike. These have been overhauled and are at the present time in first-class condition.
Price ..... each, **$2.50**

The above illustration will give an idea of the handsome patterns included in this lot.

No. 380W. One solidly well-constructed Oak Rocker, has high back with spindle center, upper panels and two lower panels supporting same. Brace arms and cane seats. Well fashioned and neatly finished bases. Good durable chairs.
Price **$1.50**

No. 381. One Mahogany Finished Rocker, without arms, large cane seat, spindle back, with good heavy neatly proportioned cross panels. Somewhat used but in fair condition.
Price **$2.00**



No. 382-F. There were about 12 of these substantially built and handsome looking Easy Chairs secured from the different Pike exhibits. They have all been overhauled and are now in presentable condition. Some have velour coverings, others tapestry and others veronas, etc. They come in blue green, brown and dark red. All have fine spring seats. We offer them at
Each **$3.75**

MORRIS CHAIRS

The following list of Morris Chairs were gathered from the reception parlors of the different State Buildings. We have thoroughly overhauled them and list conditions as follows:



No. 451-P. One Morris Chair, reversible cushions, well constructed frame, carved feet, also carved front of arm, heavy supports bracing arms, spring seat. A good, well-constructed Chair.
Price $9.50

No. 452. One neat, well-appointed Morris Chair, rounding spindles supporting broad, massive appearing arms. Feet on front pillars are claw-shaped and of handsome appearance. Has reversible cushions and spring seat.
Price $8.00

No. 458. One oak frame Morris Chair, reversible cushions, high back, bar adjustable, neatly finished, good condition.
Price $4.70

No. 459-N. A fine Oak Morris Chair, heavily finished. Has carved front pillars, carved front seat rail, neatly shaped spindles supporting the arms, which are broad and massively appointed. Cushions are reversible and filled with moss and curled hair. They are covered with a good material in a dark red shade. Chair is in good condition.
Price $6.50

No. 416. Exquisitely hand-carved figure on top of round Morris chair. Cross-veneered post with deep carved feet. Built of selected quarter-sawed oak. Finished golden, highly polished. Large panel sides, cross band veneered, full tempered spring seat. Rachet attachment on back, solid goat hair cushion.
Price $18.00

No. 460-N. A beautiful Mission Morris Chair, secured from Spanish National exhibit. Is of selected quarter-sawed oak in a weather finish. Frame has square corner pillars and quaint top or arm rail from which three square spindles descend on each side. These spindles connect with a cross rail which extends from front to back pillar at a point just above the floor. The seat and back are covered with roan skin, this leather being in a dark Spanish brown. The entire Chair is a reproduction of a Royal Court Chair used in mediæval times. All we ask for this historical possession is $19.50

No. 462-N. Morris Chair, made from selected oak, finished in a golden shade and heavily polished. Has heavy front pillars, French shaped legs with massive claw feet; neatly turned spindle sides. The base has a draw foot rest which can be pulled out and made into a capital rest for the weary-limbed occupant of the Chair. The cushions are reversible, tufted and filled with a fine quality of sea moss. The Chair is fitted with spring seat. In excellent condition.
Price $10.50

McKINLEY MORRIS.

No. P. 57. Finished in birch mahogany, Colonial design. Named after our martyred president, who used this style of chair exclusively while at home. The side spindles extend from arm to rockers. All screwed and bolted, no glue being used in its construction. The frame is hand polished, is upholstered in the very finest extra heavy Spanish leather. Seams are all welted, springs oil tempered and tied with steel wire. We also have this chair finished in weathered oak. Most beautiful and useful piece of furniture and an exceptionally good bargain.
Price $9.75

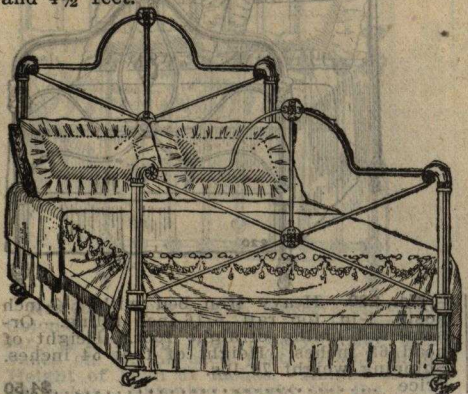
ROMAN CHAIRS



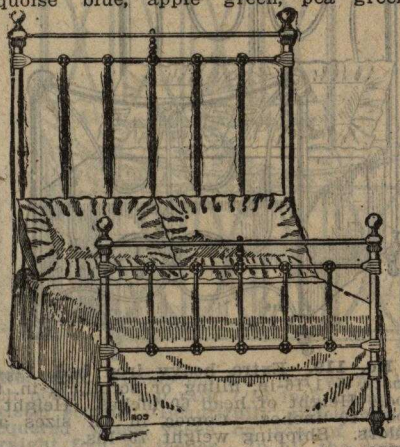
No. 140. Roman Chair like illustration; secured from the reception parlors of the Inside Inn. Frame is in mahogany finish, nicely polished; seat is covered with neat pattern of figured velour. Has been overhauled and is practically as good as new.
Price $1.85

IRON AND BRASS BEDS.

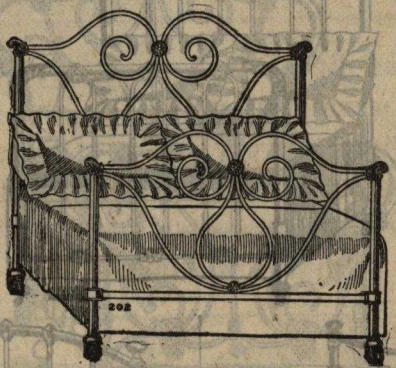
Through an over stocking of one of the largest bed manufacturers in the U. S. we have been able to secure 5,000 iron beds, all in perfect condition, at a figure that enables us to sell them for half the regular price. We can furnish you with every bed we quote here, in white and black, navy blue, turquoise blue, apple green, pea green, olive green, pink, maroon, and gun metal, also in the beautiful Vernis Martin finish. We carry them in sizes of 3½ feet, 4 feet, and 4½ feet.



No. 200. A very neat pattern, comes in sizes 4½ ft., 4 ft., 3½ and 3 ft. Height head end 48 inches, foot end 40 inches. Rods are ⅜ inch thick. Posts are ⅞ inch thick. Colors, white, blue, green. Price ..... each, **$1.75**



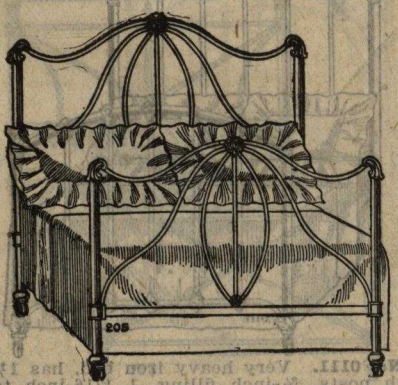
No. 405. Has 1⅛ pillars, ⅝-inch English lacquered brass top rails, 5/16 filling or scroll work, 1¾-inch ornamental chills. Lacquered brass vases on top of each post. Height of head 53 inches. Height of foot 38 inches. In all colors and sizes. Shipping weight 85 lbs. Price **$4.35**



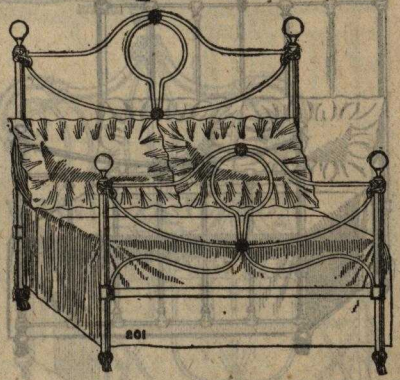
No. 202. Solid iron bed, ⅞-inch pillars, ⅜-inch top rods, 1 5/16 inch filling. Height of head 53 inches. Height of foot 41 inches. Comes in all sizes and colors.

Shipping weight 60 lbs.
Price **$2.50**

No. 202½. Same as above with brass roses.
Price **$2.75**

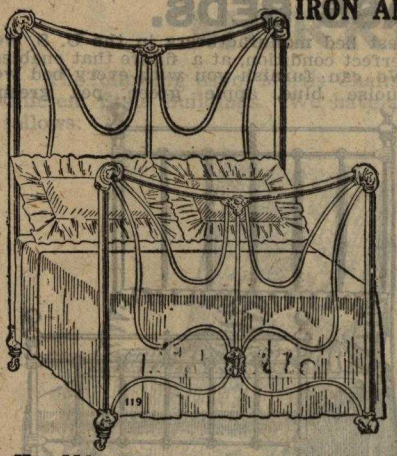


No. 205. Solid iron bed 1⅛ pillars, ⅜-inch top rods. Straight foot. Height of head 56 inches. Height of foot 43 inches. Comes in all sizes and colors. Shipping weight 70 lbs.
Price **$3.10**

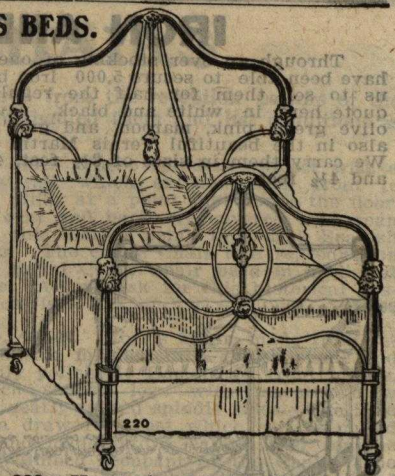


No. 201. Heavy iron beds ⅞-inch pillars, ⅜-inch top rods, 5/16-inch filling, 1½-inch brass vases on top of each post. Straight foot. Height of head 53 inches. Height of foot 41 inches. In all the sizes and colors. Shipping weight 60 lbs.
Price **$3.10**

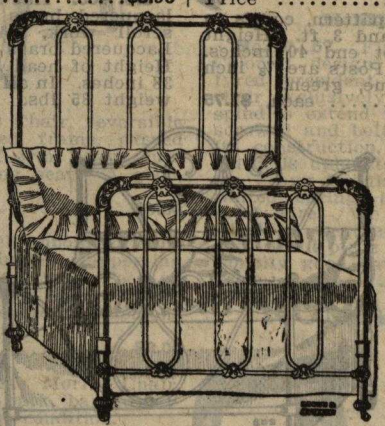
IRON AND BRASS BEDS.



No. 119. Extra heavy iron bed, 1⅛-in. posts, 5 1/16-in. filling or scroll, ⅞-in. top rod. Height of head 60 inches. Height of foot 40 inches. Comes in all sizes and colors. Shipping weight 75 lbs.
Price $3.90



No. 220. Heavy iron bed with 1⅛-inch posts, 1-in. top rail, 5/16-inch filling. Ornamental chills, straight foot. Height of head 68 inches. Height of foot 54 inches. Shipping weight 70 lbs.
Price $4.50



No. 136. Heavy iron bed, has 1⅛ pillars 1⅛-top rods. ⅜-inch and 5 1/16 scroll filling. Straight foot. Head, 60 inches. Height of foot 42 inches. In all colors, sizes 3 ft., 3½ ft., 4 ft. and 4½ feet. Shipping weight 100 lbs.
Price $4.50

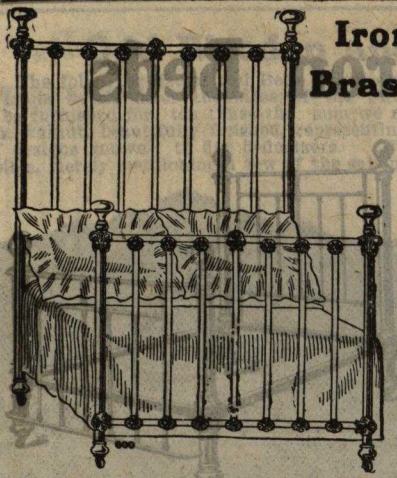


No. 628. Extra heavy iron bed. Has 1⅛ pillars, ⅜-inch filling, 1⅛-inch bent top rails. Beautiful ornamental chills. Height of head 68 inches. Height of foot 52 inches. Comes in all sizes and colors. Shipping weight 150 lbs.
Price $4.25



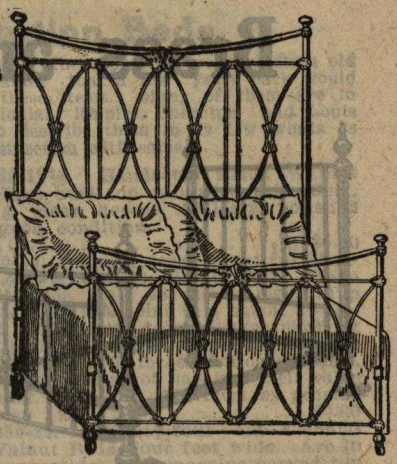
No. 0111. Very heavy iron bed, has 1⅛-inch posts, ⅜-inch filling, 1 1/16-inch top rail. Lacquered brass vases, ornamental chills. Straight foot. Height of head 68 inches. Height of foot 54 inches. Bent top rail. Comes in all the sizes and colors. Shipping weight 75 lbs.
Price $4.75

Iron and Brass Beds

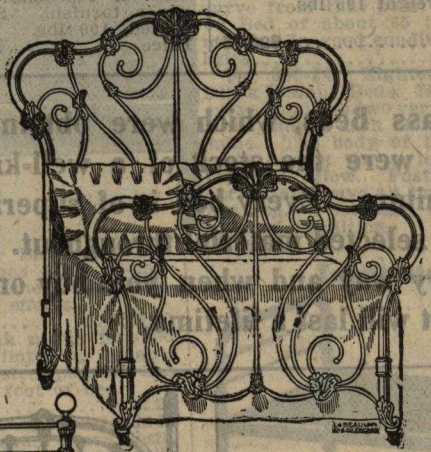


No. 600. Very heavy, massive appearing, Colonial design, iron bed. Has 1⅝-inch pillar, ⅝-inch top rail. Very heavy brass vases on top of each post, ⅝-inch filling. Height of head 67 inches. Height of foot 48 inches. Shipping weight 150 lbs. In enamel finish.....**$11.50**

No. 601. Same as above in Vernis Martin finish **$12.75**

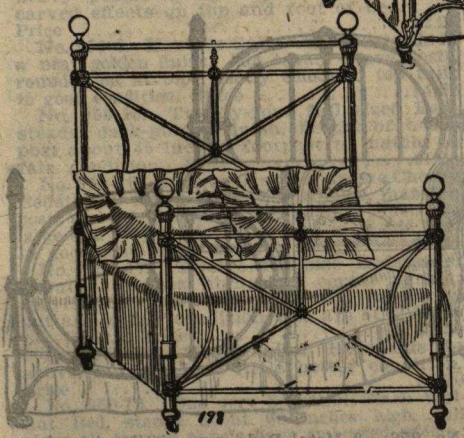


No. 0633. Handsome iron bed with 1⅛-inch posts and top rail, 7/16 inch filling in artistic scrolls. Beautifully gilded chills, lacquered brass vases on top of posts. Straight foot 54 inches. In all the colors and sizes. This bed also made in the beautiful Vernis Martin finish which by some is considered superior to brass.
Price **$6.75**

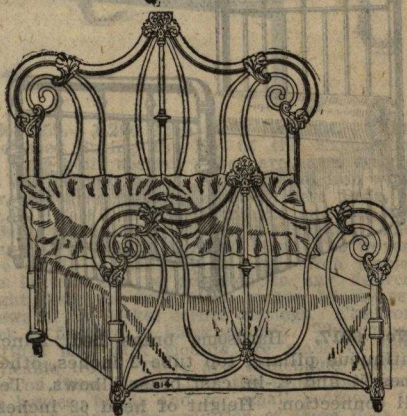


No. 815. Very heavy iron bed. 1⅝-inch pillars, 1⅜-inch top bends, ⅜-inch filling, ¾-inch brass tips, straight foot. Height of head 67 inches. Height of foot 48 inches. In all sizes and colors. This bed is also made in Vernis Martin finish, which has all the appearance of brass.
Price in enamel.**$10.50**

No. 816. Same as above in Vernis Martin finish.
Price **$11.90**

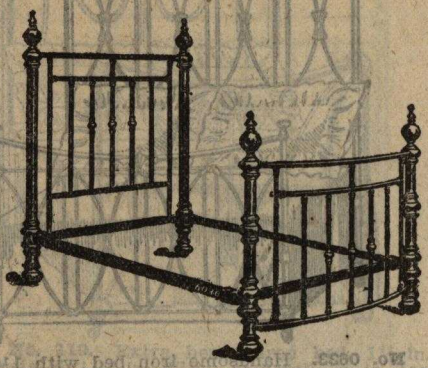


No. 198. 1⅛ pillars, ½-inch brass top rail, 5/16-inch filling, 1¼-in. brass vases on posts. Straight foot. Height of head 62 inches. Height of foot 45 inches. Comes in all colors and sizes. Shipping weight 80 lbs. Price **$4.50**



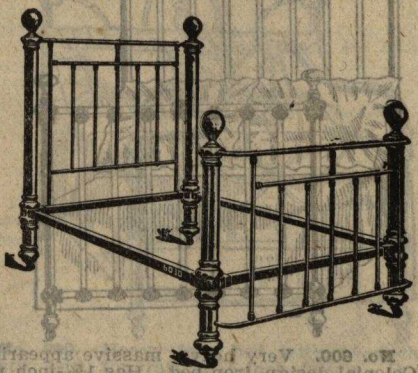
No. 814. Extra heavy iron bed. 1⅜-inch pillars, 1⅛-top bends, ⅞-inch spindles. Height of head 70 foot, 48 inches.
Price in enamel.....**$8.50**

Brass and Iron Beds



No. 6036. Elegant brass bed with swell foot. 2-in. pillars, top and bottom tubes ¾-inch, other tubing ⅝ inch. Cathedral 3½ in. Vases on top of each post. Height of head 67 inches. Height of foot 47 inches. In all sizes. Shipping weight 195 lbs.

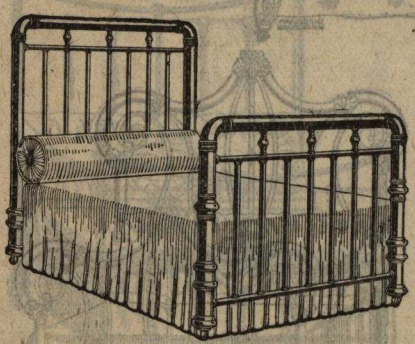
Price $26.75



No. 6030. Substantial brass bed 2-inch pillars, ¾-inch top rails, comes either straight or bow foot. Height of head 64 inches. Height of foot 43 inches. Made in 4 widths, 3 ft., 3½ ft., 4 ft., 4½ ft. This bed is covered with the best English Lacquer, and with a reasonable amount of care will never tarnish. Shipping weight of bed, crated, 190 lbs.

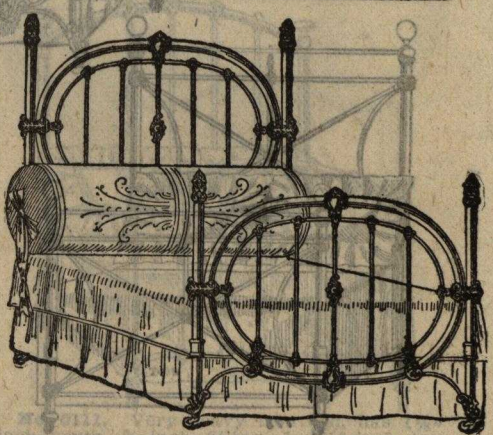
Price $23.75

These Brass Beds, which were obtained by us at a Sheriff's Sale, were the stock of a well-known dealer in high class furniture. Every bed is of superior construction and especially selected material throughout. They are guaranteed in every way and when you buy one of them you have a bed that will last a lifetime.



No. 6017. Handsome brass bed, 2-inch continuous pillars, top tube 2 inches, other tubes ⅝ and ¾-in. cast brass elbows. Tee ball connection. Height of head 62 inches. Height of foot 41 inches. Made in all sizes. Shipping weight 234 lbs.

Price $29.75

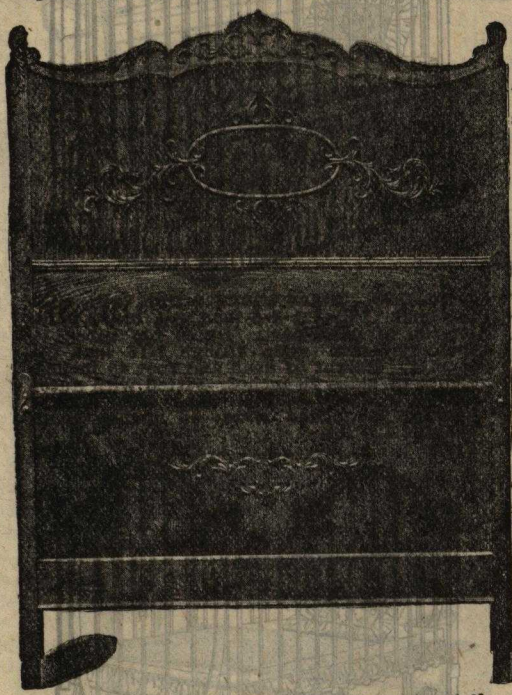


No. 956. 3 Metal Beds, very similar to cut, are 4 feet 6 inches wide. Heavy Colonial posts with ovel center design like illustration, one in white, one blue and one apple green. The kind you pay $12.00 or $14.00 for in the stores. Are in perfect condition.

Price $8.50

Odd Wooden and Institution Beds.

The following list of odd Beds includes somerare values. These patterns secured from old St. Louis hotels after the close of the Fair represent values that a few years back would not be furnished for ten times the sum we now ask for these items. Many of them are in black walnut, beautifully finished, representing all the Colonial, Empire, Sheraton and Louis XIV designs known to fine bedmakers. We endeavor to describe them in as few words as possible, merely mentioning a few of the salient points in connection with same.



No. 950-1. Twenty-four Bedsteads, full size, stands about 76 inches high, in mahogany finish; nicely polished; has reinforced panels with carved effects.
Price $4.00

No. 950-2W. Twelve oak nicely finished Bedsteads; full size; of imposing height; heavy posts; nicely adjusted panels; has carved effects on top and foot of bed.
Price $2.25

No. 950-3. Massive Solid Oak Bedsteads in a neat golden finish; has square heavy posts, rounded off at top; neatly embossed top rail; in good condition. Price $4.50

No. 950-15. Twenty-four full sized Bedsteads, dark-golden finish, height of headpost about 45 inches, footpost to match; in fair condition. Price $1.00

No. 950-16. Sixteen very handsome Cherry Bedsteads, 4 feet wide; has square, massive posts and heavy cross panels at top; panels are large and very thick. Was used in Inside Inn. In good condition. Price $4.50

No. 950-17. Twelve full-size Bedsteads, about 45 inches high; has center panels; carved top; somewhat scratched in places, but are in fair condition, and are still durable Beds. Price $1.50

No. 950-18. Ten similar Bedsteads to above, but are in a little better condition.
Price $1.70

No. 950-19. One very beautiful Black Walnut Bed, stands about 60 inches high, full size; all crossed panels have embossed effects; is surmounted at top by raised cross rails in Louis XV design. On a panel just beneath is a mosaic inlaid tile design. It is a very handsome Bed and cheap at the price.
Price $4.25

No. 950-19½. Handsome Black Walnut Beds. Have burl top rail with roll effect, extending clear across. Nicely polished and in good condition.
Price $5.50

No. 950-20. About a dozen beautiful Sheraton or Louis XIV Black Walnut Beds. Have square Sheraton posts 48 inches high. Top rail curves from this point to a height at center of 75 inches from floor. Center panel at top has beautiful carved effect raising out. These Beds were used for exhibition purposes, and their service has not impaired their value in the least. We can offer them as genuine bargains, at Each $5.00

No. 950-21. Twenty-four old Colonial Black Walnut Beds, four feet wide. Are in art nouveau style, with massive carved top piece. Somewhat used, but still in fair condition. It may be stated that these entire Beds are composed of solid black walnut.
Price $5.00

No. 950-22. We have twelve Black Walnut Beds in art nouveau style. Have very pretty curved top rails. Height of headpiece at corner post about 55 inches. Rails curve from that point to a point at center of Bed of about 65 inches. Footboard to match. In good condition.
Price $4.50

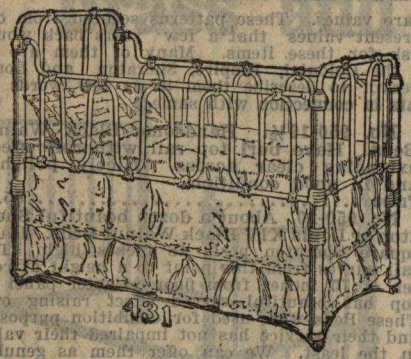
No. 950-24. Eighteen Louis XIV design Black Walnut Beds. Head end is gracefully curved and has two very handsome countersunk panels, each about 7x15 inches, set in same. The body of Bed is detached from posts except for a length of 5 inches at top and below. Posts are square, deeply carved and have an imposing rosette adorning top. Footboard to match. Beds are in good condition.
Price $8.50

Institution Beds.

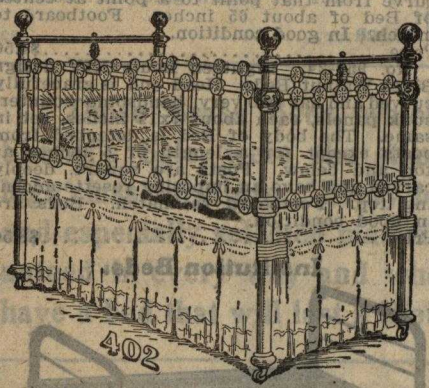


No. 959. 1,200 Iron Beds like cut. They were used during the life of the Exposition and were built special. They are extra strong and will last for years. They are all iron with a woven wire spring. Size of these Beds, 3 feet by 6 feet 3 inches. The head and foot are made of tubing 1 1-16 inches in diameter. The cross rods are ⅜ inch round iron. The woven wire fabric is mounted on angle iron frame. The bottom can be adjusted to any desired height from the floor to 23 inches, by the set screws in the socket corner castings. The iron work is finished in black enamel. The corner castings and back mounts are made of best malleable iron. There are detachable casters used on these Beds. Just the thing for rooming houses, hotels and for small bedrooms in private house. The condition of these Beds is guaranteed to be perfect.
Price .....each $2.65

BRASS TRIMMED IRON CRIBS.



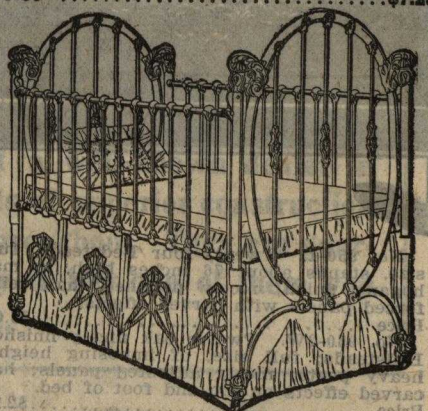
No. S.25. Child's Crib, constructed of Bessemer iron pillars, ⅞ inch thick. Height of head 43 inches; foot 38 inches. Width 2 ft. 6 inches; length 4 ft. 6 inches. Has oil tempered steel spring and best ball bearing casters. Drop side. One of the neatest beds for the price on the market. Weight 95 lbs.
Price $5.35



No. S.27. All iron Crib, sliding side. Pillars ⅞ inch, top tubing 1 inch, bottom rod ½ inch. Height 44 inches. Fitted with the Baker oil tempered steel springs. Most durable crib on the market. 30 inches wide, 46 inches long. Shipping weight 130 lbs.
Price $8.75



No. S.28. Brass trimmed iron Crib, sliding side. Pillar 1 1-6 inch, 3¼ brass balls on top of each post. Brass top tubes ½ inch diameter. Side fillings 7-16 inch diameter. Height of head and foot 43 inches. Depth of sides 18 inches. Fitted with automobile casters, woven wire steel fabric spring, 26 inches wide, 46 inches long. Weight 125 lbs.
Price $7.25



No. A.26. Brass trimmed iron Crib, sliding side. Pillars 1 inch thick. Ovals ⅞ inch. Bottom rods ½ inch. Three brass ½ inch center rods. Height of head and foot 47 inches. Depth of sides 18 inches. Fitted with woven steel spring and ball bearing casters. Very massive in appearance and highly ornamental. Size 3x5 feet. Weight 147 lbs.
Price $12.25

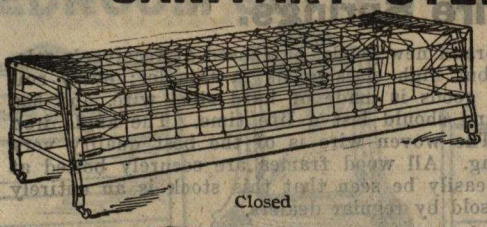
FOLDING CRIBS.



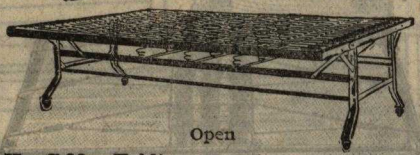
No. S.30. Folding Cribs, made of hard maple, natural, or imitation walnut, mahogany, with cherry finish. Special steel wire fabric, stationary railings, light, easy to fold, legs fold flat under bottom. Size 36 by 60 inches.
Price $1.90

No. S.31. Cradle, turned posts, made of hard maple, finished in imitation walnut, mahogany or oak. Oil tempered steel spring, light in weight and easy to handle. Size 24x44.
Price $1.85

SANITARY STEEL COUCHES.

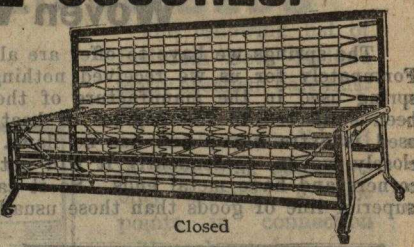


Closed

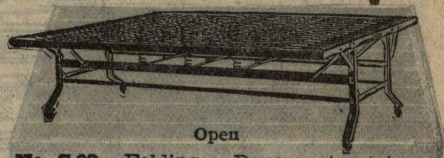


Open

No. S.22. Folding Couch, strong angle steel frame with simple and positive locks. This couch has oil tempered helicals and spirals. The fabric is made of the best quality material, is pliable and comfortable and yet will never sag. Width of seat 23 inches, height of seat 18½ inches, length 74 inches, width when open 50 inches. Price (Weight 56 lbs.).....**$3.75**

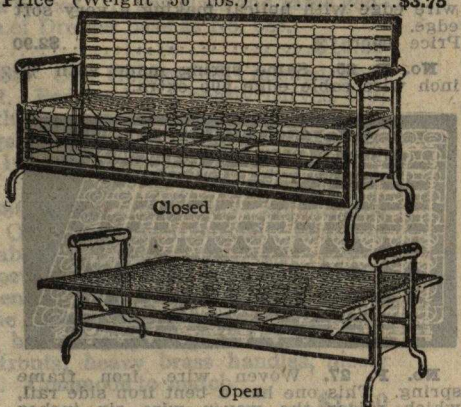


Closed



Open

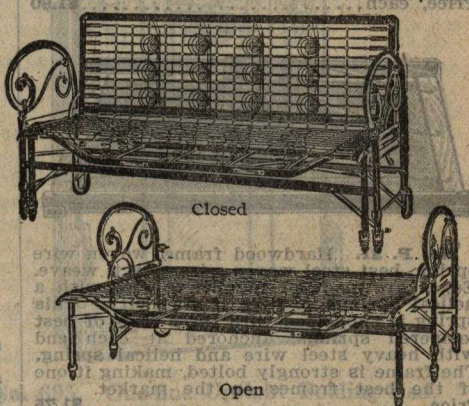
No. S.23. Folding Davenport, strong angle steel frame. This is a very strong couch, has oil tempered helicals and spirals, the fabric is made of best quality steel, and will never sag. As a couch, davenport, or bed, this number is a particularly good one. Height of back 17 inches, width of seat 21 inches, length 74 inches, width when open 50 inches. Weight, 65 lbs. Price **$4.75**



Closed

Open

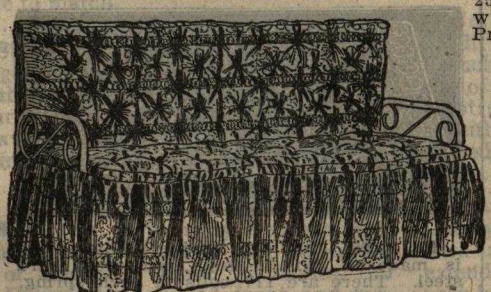
No. S.20. Sanitary Steel Davenport Couch, strong angle iron frame, has large arms, mahogany finish or in golden oak. Has simple and positive locks, oil tempered spiral springs and steel helicals. Extra fine couch fabric that will never sag. Height of back 17 inches, width of seat 21 inches. Bed when open 74 inches long and 50 inches wide. Price **$6.25**



Closed

Open

No. S.21. Elaborate Sanitary Steel Davenport Couch. Can be opened and closed without rolling from the wall. Oil tempered helicals and spiral. The fabric is of superior quality, extra strong frame. Height of back 21½ inches, width of seat 25 inches, length when open 74 inches, width when open 48 inches. Weight, 96 lbs. Price **$10.25**



No. S.29. Oil Tempered Steel Davenport, like cut. Length 6 ft. 4 in. When open 4 ft. wide. Height of back 21 in. Width of seat 25 inches. Strongest contracted bed on the market. 3 rows of 9 spiral support springs. 20-pound cotton felt mattress, 2-inch box. This mattress is covered with a heavy cotton creton art ticking. Weight, 84 lbs. Price, complete.....**$12.50**

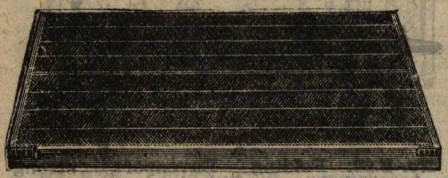
DRAPED DAVENPORT



No. 290. One very fine Steel Couch with detachable pad or cover as shown in illustration. Couch has a first-class steel frame and is well supported with two rows of steel coils. Pad is made of fine cotton felt. Was used for three months in the Louisiana State Building. Has been overhauled and is offered as being in first-class condition. Weight, 75 lbs. Price **$7.75**

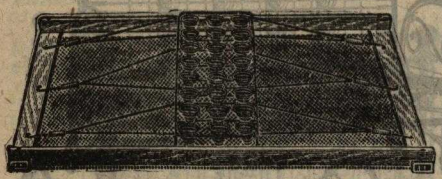
Woven Wire Springs.

The springs we have to offer are all brand new goods, purchased at receiver's sale. Fortunately for us we received nothing but high class goods in this lot; every coil spring used in the manufacture of these goods is made of hard steel wire, and has been subjected to 750 degrees of heat, and should last a life time. The angle iron used is extra heavy and has no flaws. The woven wire is of the best quality very closely woven, consequently it will not sag. All wood frames are securely bolted at corners and have metal ends. So it can easily be seen that this stock is an entirely superior line of goods than those usually sold by regular dealers.



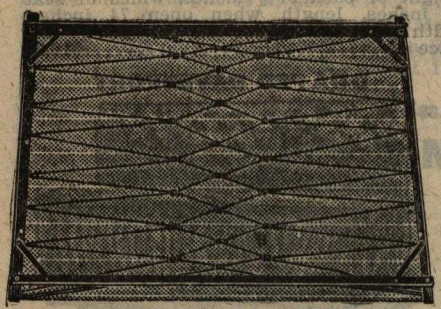
No. P. 19. Hardwood frame woven wire spring, bolted at the corners, substantially made in every way.
Price $0.95

No. P. 20. Hardwood frame, woven wire spring with best steel tempered supports, for iron or wooden beds.
Price, each.....$1.60

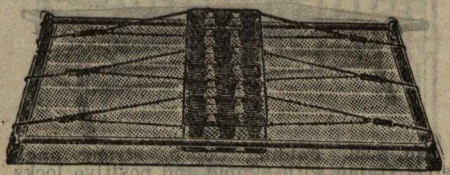


No. P. 21. Hardwood frame, woven wire spring, best steel woven wire, pencil weave. Edges are made of number 9 wire with a helical springs to give it elasticity. This spring is supported with three rows of best tempered springs, anchored at each end with heavy steel wire and helical spring. The frame is strongly bolted, making it one of the best frames on the market.
Price $1.75

No. P. 22. Same spring and frame without support.
Price each $1.25

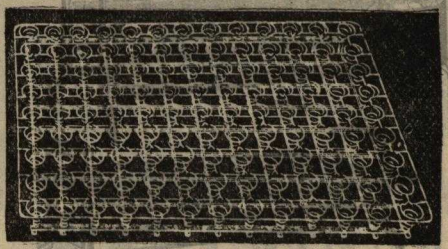


No. P. 23. Angle iron frame spring with the best pencil weave wire, heavy wire edge with helical spring to give elasticity. Has three rows of oil tempered springs for support. This support is securely anchored at each end with heavy wire, and helical spring. This is a very comfortable spring to rest upon, and will not sag.
Price $2.65



No. P. 24. Iron frame woven wire spring has angle iron on each end with pipe sides, double weave wire with 3 rows of high tempered coiled springs. Supports anchored to each end of spring with heavy steel wire and helical spring. Extra heavy steel wire edge with helical making a very soft edge.
Price each.....$2.90

No. P. 25. Same spring made with ¾-inch wire cable edge 50c extra.

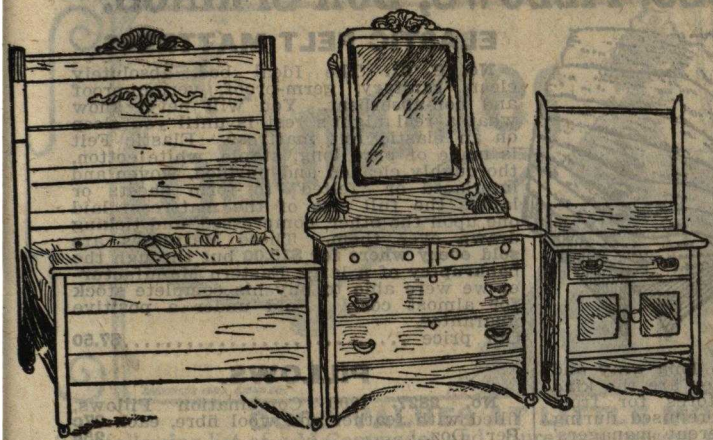


No. P. 27. Woven wire, iron frame spring. This one has a bent iron side rail, which raises the woven wire six inches above bed. It has a double angle iron end piece, which hold the woven wire very firmly, the mesh is of the very closest double weave and edge is made of ¾-inch woven wire cable. This is the best Woven Wire Spring on the market, and is bound to suit the most fastidious.
Price $4.85



No. P. 28. Coil wire spring. This spring is made of No. 11 high tempered, hard steel. There are 117 coils in each spring, has iron slats under each row of springs. Iron frame all around, with angle irons at each side to fit on side rails of iron beds. Springs are single cone, consequently noiseless, tied with two wires which holds each spring to its place. The coils are made of No. 11 wire which is a gauge and a half heavier than is usually used. This spring is sold under an absolute guarantee and if not found satisfactory can be returned.
Price $3.90

BEDROOM SUITES—FOLDING BEDS



The following list of Bedroom Sets include many excellent bargains. Owing to size of space on which we are limited in describing same, we only mention a few points in connection with each article.

No. 683. One nicely finished Oak Bedroom Set, something similar to cut. Neat golden finish. Is in perfect condition.
Price.....**$18.50**

No. 684. One Bedroom Set similar to above. Has been used to some extent and is marred in places. It has glass and same general style of Dresser base as No. 683.
Price.....**$16.50**

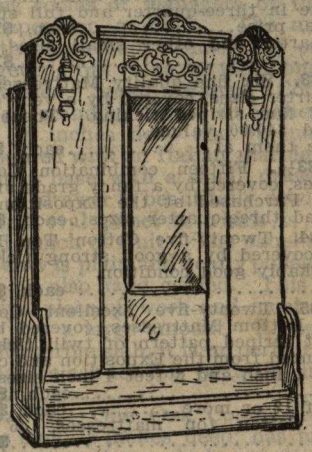
No. 685. One Golden Oak Finished Bedroom Set. Bedstead has neatly carved top, full width, Dresser straight front with brass trimmings, top has adjustable swinging mirror, size 14x20. Commode to match.
Price.....**$13.50**

No. 686. One massively constructed Selected Oak 3-piece Bedroom Suit. Bedstead stands about 80 inches high, has square heavy posts, heavily mounted at top, neatly carved center panels, extending full width at top. The Dresser is also finished in a heavy manner; has a large plate glass and rounding drawer fronts, heavy brass handles, nicely polished. Commode to match.
Price.....**$17.50**

No. 687. One Mahogany Finished Bedroom Set, consisting of large paneled Bed, nicely carved and figured, with heavy polish finish; a regulation Dresser, medium size base, with nicely carved top in which is inserted a bevel plate mirror size about 24x30. Commode to match.
Price.....**$14.00**

No. 688. One 3-piece Bedroom Suit, finished in golden oak. Dresser has serpentine front with heavy brass trimmings. Top has nicely carved frame and French plate mirror, very heavy. Commode also has serpentine front to match Dresser. Was used only four months.
Price.....**$22.00**

No. 689. One very pretty Bedroom Set, consisting of Bed, Dresser and Commode. Height of Bedstead about 76 inches, full width. Dresser has shaped front and top, also curved drawers with heavy brass trimmings. Top has adjustable swinging mirror and French plate glass, neatly beveled, size 24x30. In good condition.
Price.....**$21.00**



No. 695. One fine Upright Folding Bed, similar to cut, with large mirror in center of front; stands about 85 inches high and when open is full length; also full width; golden oak finish. Good condition.
Price.....**$12.50**

No. 696. One large Upright Folding Bed, height about 80 inches, full width. Has large French bevel plate mirror inserted in front; size of mirror about 16x40. The entire Bed is constructed of oak, has neatly carved panels on either side of mirror. General condition of Bed is good.
Price.....**$12.00**

No. 697. One very handsome-appearing Cherry Mantel Folding Bed. Has a writing desk front which stands about 42 inches high; extending from this up and set in the top is a very handsome plate glass mirror, size about 18x36; this is set on adjustable frame. Bed is full width. Springs are in good condition. The Bed has been overhauled and is at present in fair shape.
Price.....**$12.5**

MATTRESSES, PILLOWS, BOX SPRINGS.



No. 982. Two dozen fine long gray and black Hair Mattresses. They are the kind usually retailed at the stores for from $35.00 to $50.00. These were used during the Exposition in the different managers' offices. Nicely covered with fancy art ticking, come in three-quarter and full sizes. Full size, price.....each, **$15.00**
Three-quarter and other small sizes, each **$11.50**

No. 983. Six fine quality Mattresses, in three-quarter sizes, covered by a very good grade of fine striped ticking. These are $8.00 and $10.00 values.
We price them at.....each, **$3.00**

No. 983½. Fifteen combination Cotton Mattresses, covered by a fancy grade of art ticking. Purchased at the Exposition.
Single and three-quarter sizes..each, **$3.95**

No. 984. Twenty-five Cotton Top Mattresses, covered by a good strong ticking. In remarkably good condition.
Price..... each, **$2.05**

No. 985. Twenty-five excellent Cotton Top and Bottom Mattresses, covered by a very neat striped pattern of twill ticking. Were secured from the Exposition and come in 3 feet 1 inch and 3 feet 4 inch sizes.
Price .....each, **$1.10**
In lots of 12 or more.....each, **$1.00**

No. 310. Cotton top mattresses, 45 lbs. **$1.85**

No. 311. Cotton top and bottom mattresses, 45 lbs..... **2.60**

No. 312. Husk cotton top mattresses **2.80**

No. 313. Combination cotton mattresses in fancy art ticks..... **3.85**

MATTRESSES FROM THE WEDDEL HOUSE

Special. 200 Hair Mattresses from Weddel House, Cleveland, O. These mattresses, originally costing $41 each, we have had renovated and reticked. All are full sizes. While they last they are.....each, **$15.00**

No. 310½. Excelsior mattress, heavy cotton top very closely tufted, first class ticking **$2.10**

No. 317. 150 Cotton Top Excelsior Mattresses in fair condition, are all 3 feet wide, each **85c**
In dozen lots.....**$9.00**

BOX SPRING.

No. 978½. We bought at Sheriff's sale, 85-box springs in all sizes, some are for iron and some are for wood beds, all hand made, covered with the best grade of ticking, filled with tow and cotton. These goods are absolutely new and should retail at $15.00 to $20.00. We are selling them while they last at each.....**$11.75**

ELASTIC FELT MATTRESS.

No. P. 61. The Ideal bed, absolutely clean, sanitary, germ-proof, vermin-proof and non-absorbent. You will never know what a real night's rest is until you sleep on an elastic felt mattress. Elastic Felt is made of pure long, staple, white cotton, thoroughly cleaned and purified, woven and interlaced or "felted" to form sheets or layers the full size of the mattress; laid one upon the other, compressed, and ticking drawn over them. These Matresses are **sold every where for $15.00** but through the bankruptcy of a large Eastern Manufacturer we were able to buy his complete stock for almost cost. Sold under a positive guarantee.
Our price **$7.50**

PILLOWS.

No. 2827. 1000 Combination Pillows, filled with feather and wool fibre, each..**27c**
Per Doz.....**25c**

No. 986. We secured all the Pillows used during the St. Louis Exposition to the extent of about 2,500 pair. These were divided into three grades. We offer you 987. A very fine pillow containing goose and duck feathers, weight 3 lbs.
Price .....per pair, **$0.90**

No. 987. Fine Goose Feather Pillows, weight about 3½ lbs., covered with A. C. A. and other fine ticking, full-size pillows.
Price..... per pair, **$1.50**

No. 988. This lot includes very finest Pillows used on the Exposition grounds. Contains fine white goose feathers and combination down, covered with assorted tickings.
Price .....per pair, **$2.50**

No. 988½. Pillows, mixed feathers, 3 lbs., from World's Fair.....per pair, **50c**
Pillows, good duck feathers, 3 lbs., from World's Fair..... per pair, **$1.00**
Pillows, XX goose feathers, 2½ lbs., from World's Fair..... per pair, **$1.75**
Pillows, XXX live goose feathers, 3 lbs., from World's Fair.....per pair, **$2.00**

ARMY BLANKETS.

No. 990. Fine Blankets secured in various portions of the Exposition. They run to a single pattern of Dobson Grey in a 62x72 size; are of regulation Army Standard, which means the very best obtainable. A good, serviceable blanket.
We quote them to you.....per pair, **$1.40**

No. 992. 150 pair of Fine White Fleece Blankets; were taken from the Commissary store room at the Exposition. Were purchased for use, but were evidently overlooked or mislaid. These articles are in perfect condition and perfectly new. 10x4 size. White, with very neat patterns of blue and pink stripes of unfading colors at each end.
We can quote them at..... per pair, **$0.75**

BED SPREADS.

No. 995. 25 pair of Fine White Bed Spreads. These are genuine Escanaba Spreads, secured from the Commissary store room. Fresh and clean. Have raised floral-work covering surface.
Price ..... each, **$1.00**

No. 996. 10 pairs of handsome Coronade White Bed Spreads, full sizes, secured in the same manner as the No. 995 Spreads. Handsome raised floral designs all in white; new in every respect.
Each **$1.50**

YOU CAN NOT AFFORD TO OVERLOOK THIS OFFER.

ODD COMMODES



GOOD VALUES AT LITTLE MONEY

The following list of odd Commodes and Bureaus represent patterns secured from many of the various small hotels and in some cases from living rooms of managers of the various buildings and exhibits from different parts of the Exposition grounds. The majority of them are in fair condition and they are described exactly as we find them. Any one making a selection from the following list may feel assured of getting full value for the money.

No. 850. One odd Commode, has shaped top, one long drawer; below are two drawers on the left side; on the right side is a cabinet. Has been overhauled and is in fair condition at the present time.
Price.....**$2.50**

No. 851. One Black Walnut Commode, has one long drawer, cabinet and two small drawers, base has a marble top, also a marble back standing about 9 inches high from base; at either end of back are two projecting marble slabs, giving a very neat appearance to this article. It has been overhauled and is in good condition.
Price.....**$4.50**

No. 852. One very beautiful Carved Black Walnut Commode, has large cabinet base and long drawer above, covered with a white marble top. In fair condition.
Price.....**$3.75**

No. 853. Is a beautiful Black Walnut Commode of Colonial design, has massive carved corner posts, large cabinet base, double door with raised panels, nicely lined and carved; one long top drawer, also has carved and raised center panel; base surmounted by an Italian marble top. This is a very handsome piece of furniture and is a bargain for anybody with a taste for Colonial effects.
Price.....**$5.00**

No. 854. One Oak Commode, large long drawer on top; has a cabinet below, to the right of which are two small drawers; has marble top, with marble slab on back, from which projects two marble ledges.
Price.....**$4.50**

No. 856. One Oak Commode, large drawer, cabinet, two small drawers, marble slab on top, marble back; projecting ledges also in marble.
Price.....**$4.50**

No. 855. Small Walnut Commode or Dresser, standing about 30 inches high, is about 18 inches deep and 18 inches wide; surmounted with an Italian marble slab; has a cabinet base with a small drawer on top. Front of drawer is beautifully decorated with a raised oval panel in which is inserted a carved bunch of fruit. The panel of the cabinet below is plain and neatly polished; corner posts are also hand carved. This is a very beautiful piece of work and must have originally cost a large amount. Except for one side of marble slab, it is in perfect condition. All that we ask for this beautiful little dressing stand is.....**$4.00**

No. 857. One Oak Commode, about 36 inches long, 18 inches deep; has marble slab covering top, has splasher top with cross towel bar. The panels of this splasher are neatly turned. The base has one long drawer and half length cabinet, the balance of the lower section being open. It is in fair condition.
Price.....**$4.50**

No. 858. One Antique Black Walnut Bureau, has two large drawers, with drop fronts; two large upper drawers with slide fronts; surmounted by an Italian marble slab, width of base about 34 inches, depth about 12 inches, height about 39 inches. Has seen much service but at present time frame work is intact and except for small amount of polishing, is in good shape.
Price.....**$4.25**

No. 862. One very beautiful Curly Birch Commode, regulation length and width, has half length cabinet below to left of which are two small drawers; above these extending the width of base, one long drawer; drawer pulls are in solid brass; has a very neat splasher top with shaped panels. This is in perfect condition; was used in one of the parlor rooms of the Inside Inn. Is beautifully polished.
Price.....**$6.50**

WARDROBES.



No. 645. Very massively constructed oak Wardrobe, with double door and 2 lower drawers. Stands about 80 inches high, and about 36 inches wide. It is surmounted on top by neatly carved moulded edge, finished in golden oak.
Price **$8.50**

No. 646. One oak Wardrobe something similar to preceding one. Also finished in a dark golden shade, heavily polished, has 2 small lower drawers; fitted inside with shelf and coat fasteners attached. General condition fair.
Price **$8.00**

No. 647. One very handsome oak Wardrobe, with single door. Stands about 82 inches high, and about 36 inches wide. Has deep lower drawer for shoes, packages, etc. Heavily polished, with panel ends and sides.
Price **$10.00**

No. 648. One black walnut Wardrobe, height about 84 inches; width about 36 inches. Has 1 large front door with double panel. Is fitted inside with shelf and coat fasteners attached. Somewhat used but still in fair condition.
Price **$6.00**

No. 649. One oak Wardrobe in a very neat golden finish; height about 80 inches, width about 30 inches. Single door with large panel, lower drawer; sides are very neatly paneled, and the entire case is of prepossessing appearance. Has been overhauled, and its present condition is good.
Price **$7.00**

No. 640 A very solid well-constructed Wardrobe, finished in golden oak, height from floor to top about 90 inches, width about 30 inches. Has double door and regulation drawer in base; neatly finished inside and fitted with shelf, to which are fastened adjustable hangers. It has been overhauled, and is in fair condition.
Price **$8.00**

No. 641. One reconstructed Mahogany Finished Wardrobe, in square colonial design; stands about 80 inches high and about 32 inches wide. Has one large paneled door, and deep drawer below. Has been overhauled and is at present in perfect condition.
Price **$12.50**

ODD COMMODES.

No. 869. 12 Golden Oak Finish Commodes, base about 32 inches long and about 18 inches wide, tops have neatly shaped edges and ends, have large splasher backs, which are neatly carved, with a towel bar extending across the top, are scratched in places, but still in fair condition.
Price **$2.50**

No. 869½. 24 large Commodes or Bureaus, made from either black walnut or solid mahogany, base about 39 inches wide and about 20 inches deep, have 3 massively appointed drawers, which extend full width of base, have small cabinet tops extending 10 inches wide and full length of base. Cabinets are about 5 inches high, in which are inserted 2 small drawers. These cabinets, with a little work, could be made into a handsome piece of furniture; must have originally cost quite a sum to build. A very odd feature of these articles and one that gives them quite a unique appearance are large wooden handles on all of the drawers.
Price **$8.00**

No. 870. 12 Black Walnut Commodes or Stands, are about 22 inches wide and 15 inches deep, have marble slabs on top, with a 4-inch marble slab extending across the top at back; has lower shelf with a small drawer, space from shelf to top being open; are in fair condition.
Price **$2.25**

No. 863. 12 Golden Oak Finish Commodes; medium size; have cabinet base, 2 small drawers and 1 long drawer, square cut tops, good heavy posts and towel bar; in fair condition.
Price **$2.75**

No. 864. This is an excellent bargain in a Black Walnut Commode; has a massive and well constructed base, which includes a half length cabinet, 1 long drawer cabinet is placed below and on the right of which is an open shelf; has a Tennessee marble top, also a half height back panel of Tennessee marble inserted in a nicely polished wood frame, with upright towel bar; is in fair condition.
Price **$4.50**

No. 865. 16 small Golden Oak Commodes. On the lower left hand side of base are 2 small drawers, on the right of which is placed a cabinet and above 1 long drawer extending the width of base; have neatly carved backs standing about 11 inches high; have seen some service, but still in good condition.
Price **$2.50**

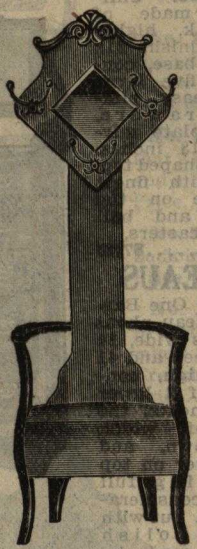
No. 866. Golden Oak Finish Commode. We might add that this particular article is made of fine quarter sawed oak and also has the regulation 2 small drawers and cabinet; 1 long upper drawer; top has a very handsome brown marble slab, which extends 2 inches beyond the top of base. Extending up from the back of this Commode to a height of 10 inches is another marble slab, running the width of base and having at either end a very neat projecting, slab same quality of marble. This is a very neat appearing article and we can recommend it at the figure.
Price **$3.50**

No. 867. 12 medium size Birch or Cherry Commodes, in a dark mahogany finish, 2 small drawers on cabinets and 1 long upper drawer; very neat in appearance, have small well-proportioned backs about 9 inches high, extending width of base; are in fair condition.
Price **$2.50**

No. 868. Six small White Enameled Bureaus, without backs, and consisting of 2 small drawers, 1 cabinet and 1 upper drawer; considerably used, but still in good condition and with a little work can be made as good as new.
Price **$1.50**

No. 868½. 12 Oak Commodes, regulation large drawers, 2 smaller drawers and 1 cabinet, have marble slab on top, brown or oxblood in color, in good condition, marble slab in back, with reinforced marble corner pieces; have been overhauled and are in good condition. Might state that the color of these is a light antique.
Price **$4.50**

MUSIC CABINETS AND HALL TREES.



HALL TREE.

No. 700. Very neatly carved Antique Black Walnut Hall Tree, with good sized mirror, and umbrella holder, made very strong and durable. A bargain at....$9.50

SPECIAL LIST OF HALL TREES.

No. 670P. This beautiful quartered golden oak Hall Tree, very similar to illustration, was secured from the secretary's office of Administration Building on Exposition grounds. Stands about 78 inches high, 33 inches wide, and has very pretty French plate mirror with beveled edges. Is complete with umbrella attachments. In perfect condition.

Price $6.25

No. 671. One neatly carved golden oak Hall Tree; has large well-appointed seat, with arms; umbrella pan and collar attachment; 4 double coat hooks, 2 on either side of frame. Has heavy French plate mirror. Hall Tree is in good condition.

Price $7.00

No. 672. One neatly finished oak Hall Tree, stands about 80 inches high; umbrella pan and collar attachment; beveled mirror about 12x16; has 4 coat hangers.

Price $4.00

No. 673. One very handsome appearing Hall Tree, stands about 85 inches high and about 25 inches wide. Has 1 shelf extending out about 12 inches and supported by columns on either side; height of this shelf from floor about 40 inches. Immediately above shelf is a spindled insertion on back panels, containing about 10 spindles, each about 4 inches long. Above this is a very beautiful French plate mirror, size about 18x24. This is enclosed by a neat raised work arrangement. Coat hooks on either side of frame. The top shelf is surmounted by a carved top rail. In fair condition.

Price $8.00

No. 674. One very massive golden oak Hall Tree, large square design; has a deep seat with box arrangement. Width of Hall Tree about 30 inches; height about 86 inches; is fitted with a French plate mirror, size about 24x30. The panels enclosing this mirror are raised and have carved effects all around; immediately below is a double crossed panel, also raised effects; are heavy and supported by turned columns. Frame is fitted with 4 double coat hangers; a very beautiful piece of work at a bargain price of $12.50

No. 1099½. Costumer. Made of hardwood, stands about 80 inches high, has triple umbrella pan arrangement at bottom. Has three very fancy scroll ornamented steel legs, braced by collar arrangement to pillar. Pillar is neatly turned, about 3 inches in diameter. At a distance of 2 feet from the ground has an umbrella arrangement; up further are coat hooks, while still higher is another section of coat hooks. We have 36 of these Costumers on hand.

Price .....each, $1.75

MUSIC CABINETS.

No. 130. Beautiful Mahogany Finished Music Cabinet, secured from some concession on the Pike. Has 5 shelves, each detachable. French shaped legs, and neatly beveled back rail. Is in good condition.

Price $5.50

MUSIC CABINET.

No. 853N. Very handsome Mahogany Music Cabinet, highly polished, neatly carved door, French bevel mirror, 4x12 inches, 6 movable adjustable shelves, French continuous leg, 42½ inches high, 19 inches wide. This Cabinet is strictly dust proof and is one of the best constructed on the market.

Price $8.50

Same as above without mirror.

Price $7.25

WRITING DESK.

No. 123N. Beautifully hand carved golden oak tunna mahogany writing desk, hand carvings on desk fall and frame of mirror. Drawer fitted with brass trimmings, French legs. Bevel plate oval mirror, 6x16 inches.

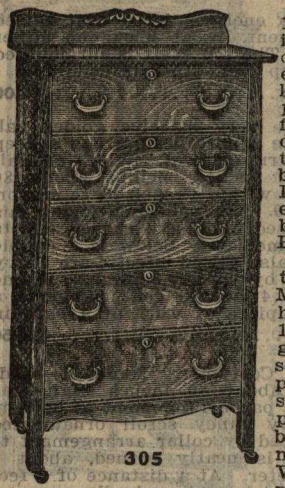
Price $9.25

WRITING DESKS.

No. 118. Selected quarter-sawed white oak, handsomely carved, elegantly grained, and highly polished. Fitted with the best brass trimmings, attractively carved desk fall. Neatly pigeon holed and fitted with a commodious drawer. This desk was manufactured by one of the largest factories in Grand Rapids, and is constructed of nothing but selected seasoned stock.

Price $7.25

CHIFFONIERS AND BUREAUS



305

No. 305. Size, 16 inches deep, 36 inches wide, made of the best selected oak on the market. Panel, dust proof back. Has fine large commodious drawers, fitted with solid brass trimmings. Locks on all drawers, and automobile casters.
Price **$4.25**

No. L. 298. Beautiful Bird's Eye Maple Chiffonier, high finish case 18x32 French plate glass mirror 12x18 supported with two prettily carved standards. Solid panel and cast brass trimmings, neat and strong. Was one of the prettiest things on exhibition in the Liberal Arts Building at the St. Louis World's Fair.
Price **$15.75**

No. 785. A very neatly appointed Oak Chiffonier, dark golden finish, has 5 drawers, the top one being rounding; has mirror set on top in a swinging frame; in fair condition.
Price **$7.50**

No. 788. One Solid Oak Chiffonier of large size, has 5 drawers, heavy brass trimmings on same; top is serpentine shape and surmounted by a neatly carved splasher of wood, height of splasher about 9 inches, extending width of base. Nicely finished and in good condition.
Price **$7.00**



303

No. 303. Quarter-sawed hand polished Chiffonier. Base 22 inches wide, 36 inches long, containing 5 commodious drawers. Dust proof panel back and sides. Handsomely turned French legs, serpentine front. French plate mirror, 12 x20 inches, supported by hand carved artistic frame. All joints in this Chiffonier are mortised and full dove tailed dowels, no glue used in construction whatever. Most durable Chiffonier on the market.
Price **$11.95**

No. 306. Chiffonier, made of solid oak, highly golden finish, 21x 34 inch base, containing five large roomy easy sliding drawers. French plate mirror, 12x18 inches. French shaped top, fitted with finest hardware on the market, and ball bearing casters.
Price **$7.75**



306

BUREAUS

No. 860. One Barber's Bureau, about 25 inches wide, 14 inches deep and 41 inches high, consisting of 2 lower compartments, the doors of which open down, and one drawer on top extending full width; considerably worn, but with a little polish could be made into a serviceable piece of furniture. The door of the lower compartment is missing.
Price **$1.50**

No. 786. One White Enameled Bureau or Chiffonier of antique design, size of base is 28 inches wide, about 18 inches deep and it stands about 45 inches high; has 2 small drawers set on top of base and is surmounted by a very appropriate mirror in heavy plate glass. Bureau has seen some usage, but is in fair condition.
Price **$4.75**

No. 789. One Oak Chiffonier, also with 5 drawers, rounding front of top, surmounted on back by neatly carved splasher. In fair condition.
Price **$4.00**



300

No.300. Made of kiln dried solid oak in golden finish. Double top. Swelled top drawer. Genuine French bevel mirror, 12x 20 inches. The mirror standards are rounded and beautifully carved. Heavy cast brass trimmings. Measurements of case, 21 inches deep, 34 inches wide.
Price **$9.75**

DRESSERS
CHIFFONIERS



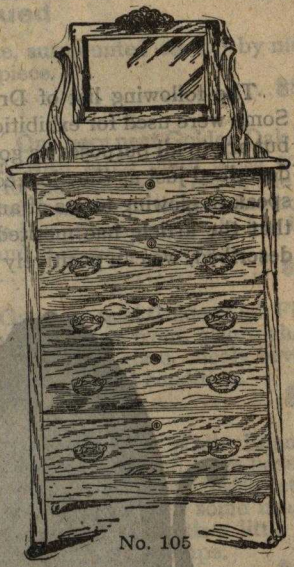
No. 103

No. 103. Oak Hotel Dresser, base has 3 drawers with heavy brass trimmings. Fine bevel plate glass. Only 65 of these. Price.....each, **$6.25**

No. 104. Same as No. 103 except that 2 lower drawers are half length and a hat box occupies the space. Price.....each, **$5.50**

No. 104½. Same base, with splasher back instead of glass. Price.....each, **$3.50**

No. 105. This fine Chiffonier has 5 roomy drawers with brass trimmings. Finished in golden oak. Has French plate mirror. Price.....each, **$6.75**



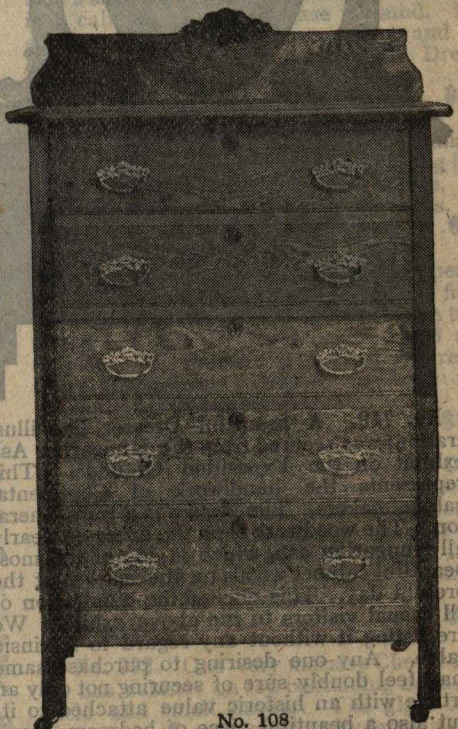
No. 105



No. 112

No. 112. This handsome Oak Dresser with fine polish finish and French beveled plate mirror, size 18x18, we quote at the very low figure of Price.....each, **$8.85**

No. 113. Same style base as No. 112 but with mirror 18x24, of plate glass. We have 35 of this pattern. While they last, price.....each, **$7.45**



No. 108

No. 108. 50 of these Chiffoniers. Fine golden oak finish. 5 large drawers, heavy brass trimmings, an excellent value. Price.....each, **$4.45**

ODD DRESSERS

The following list of Dressers represent patterns secured from all parts of the ground. Some were used for exhibition purposes and are scarcely soiled; others have seen a little wear but are to all purposes as good as new, while still, others have had rough usage. They are all described just as they looked on being removed from their various quarters. If we occasionally speak in glowing terms of any particular pattern, be it dresser or other article, you may be sure that the article has merited this notice; and if you should place an order for anything so described, we can positively assure you the delivery of a satisfactory article.



No. 749. A beautiful Dresser like illustration; was secured from the Hungarian Ash exhibit on the Exposition Grounds. This represents the handiwork of Continental cabinetmakers. The design is a pure Sheraton. The woodwork is on the order of nearly all Hungarian ash, which is one of the most beautiful cabinet woods on the market at the present day. This elicited the admiration of all casual visitors to the above exhibit. We are listing it without any regard to intrinsic value. Any one desiring to purchase same may feel doubly sure of securing not only an article with an historic value attached to it, but also a beautiful piece of bedroom furniture suitable to the most fastidious. In perfect condition.

Price.....$17.50

No. 750. One Birch Mahogany Finished Dresser; has medium size base and 3 large drawers. Top has large swinging mirror, nicely beveled, size about 24x30. Overhauled, in fair condition.

Price.....$8.50

No. 751. One very neat Golden Oak Finished Dresser, shaped top; 2 large drawers; 2 small drawers. Top has good-sized swinging mirror, nicely beveled, the size of which is about 20x24.

Price.....$8.00

No. 758. One very handsome Golden Oak Finished Dresser, has large well-appointed base, which contains 2 long drawers and 2 small drawers; all with heavy brass trimmings on handles. Top has adjustable swinging frame in which is set a very neat French plate mirror of large size. The Dresser is in perfect condition.

Price of this handsome article is only...$6.50

No. 759. One very pretty Combination Cherry and Black Walnut Dresser. Base is about 22x38. Has 2 large lower drawers; all solid brass trimmings. Top of Dresser is a very handsome Grecian marble slab. The back is enclosed, within which is a very neat beveled mirror, size about 24x30. The entire Dresser has been gone over, and is in good, presentable condition.

Price.....$11.00

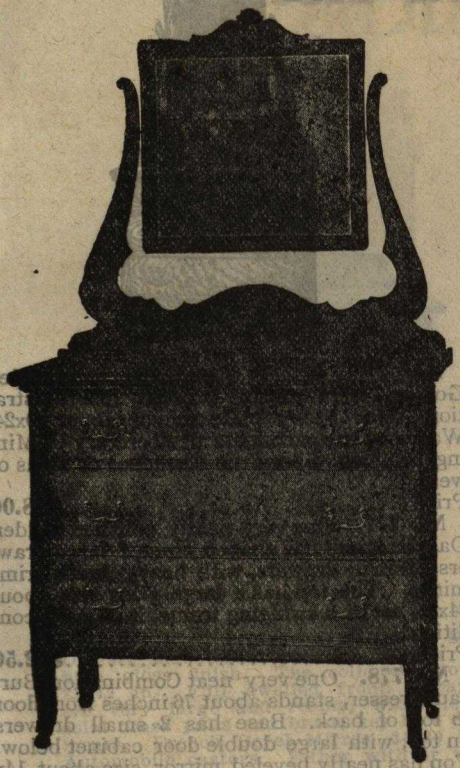
No. 760. One Oak Finished Dresser, medium sized base; 3 long drawers in same, with brass trimmings. Top has large bevel mirror, size of which is about 24x30. It is in an enclosed frame. Has seen some hard wear, but is still in fair condition.

Price.....$6.80

No. 761. One very handsome Princess Dresser, secured from the Inside Inn on the Exposition grounds. Base is about 37 inches long; has round front; 2 large drawers; top has very fine French bevel plate mirror about 18x36, set in a neat swinging frame. During its six months' service it has sustained no appreciable damage, and we can quote this as being in perfect condition.

Price only.....$11.00

ODD DRESSERS—Continued



No. 762½. One neatly finished Golden Oak Dresser, something similar to cut, fine French plate mirror of reasonable size; was used in Manufacturers' Exhibit, and is in good condition at the present time.
Price..... **$8.75**

No. 762. This Princess Dresser is on the same general lines as the No. 761, but in mahogany finish. Glass is of same dimensions.
Price.....**$12.50**

No. 763. One very handsome Oak Dresser, neatly finished base, with round top drawer. The top has an adjustable swinging mirror, size about 22x26, French plate and beveled. It was used in a small hotel on the Exposition Grounds during the Fair. It is in first-class condition.
Price.....**$8.00**

No. 764. One Golden Oak Dresser, something similar to above article, 3 large drawers, the top one being rounding. It has a large well appointed top, which includes a swinging mirror of French plate glass, size about 20x24, in fair condition, and no scratches.
Price.....**$7.50**

No. 765. One Oak Dresser, golden finish, size of top about 20x38, has 3 drawers. The top has a French plate glass of fair size, in a neat oak frame, surmounted on top by nicely carved centerpiece.
Price.....**$8.50**

No. 765½. One very neat Golden Oak Finished Dresser, with large plate glass something similar to illustration. This is one of a number secured from one of the smaller hotels just inside the Exposition gates. It has been overhauled, and is in good condition.
Price.....**$8.50**

No. 766. One very neat Golden Oak Finish Dresser, with serpentine front, also a shaped top; has a French plate glass, nicely beveled, about 22x20. It is in good condition.
Price.....**$9.75**

No. 767. One very neat White Enameled Dresser, with serpentine front, large base, has French plate glass, size about 20x30, set in a swinging frame. It has seen some usage, is marred in some places, but with a little work it could be put in first-class shape.
Price.....**$12.50**

No. 768. This is a very neatly appointed combination Dresser. Base contains 1 large drawer extending the width of base and on left side 2 small drawers. On the right side below is a cabinet. Front of base is round. It is surmounted by a plate glass mirror and also a towel bar. It makes a very suitable Dresser for a small bedroom.
Price.....**$5.50**

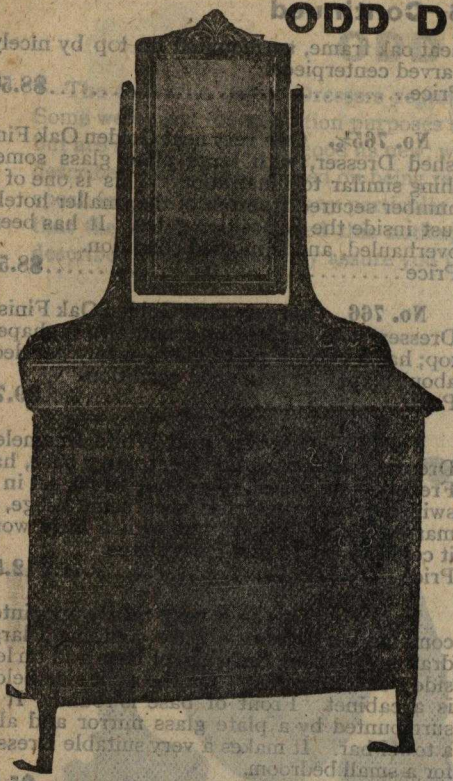
No. 769. This is a Dresser very similar to one above, but having glass 12x20, hung in an upright position in a swinging frame, also equipped with towel bar to right of glass.
Price.....**$6.00**

No. 770. This is a very neat-appearing Cheval Dresser in a birch-mahogany finish. Base has the regulation 2 drawers, on top of which is a small cabinet containing 3 small drawers. To the left of cabinet is a regulation 18x30 mirror. Dresser has seen some usage, but is in fair condition.
Price.....**$10.00**

No. 771. One Golden Oak Finish Cheval Dresser, regulation base same as preceding one, cabinet on top has 1 small drawer and 1 small linen receptacle. A large French plate mirror is set in a neat swinging frame. Entire Dresser is in fair condition and presents a very neat appearance.
Price.....**$10.50**

No. 772. One very massive Cheval Dresser, has cabinet on top containing linen receptacle and small drawer. The glass on this Dresser is of an exceptionally large size, being fully 18x40 inches. It is of French plate, neatly beveled on edges. This Dresser is as good as new. However, we quote it at **$12.00**

ODD DRESSERS



No. 772½. One very fine appearing Oak Finish Dresser, large square mirror in an adjustable frame, in good condition and a very suitable article for any bedroom.
Price.....**$7.50**

No. 773. One Black Walnut Dresser, very neatly designed, has a high base, containing 3 drawers on top of which is a marble slab. At one end of this slab there is a small piece chipped off. On top of slab are 2 small jewelry cabinets, which are fastened to the back frame. Has a very nice mirror in the back in a swinging frame. Size of mirror is 19x30. The entire Dresser is in fair condition.
Price.....**$6.00**

No. 774. Another Black Walnut Dresser, size of base 20x40, has 3 small drawers with heavy brass trimmings, all in fair condition. The top has a closed frame, in which is set a French plate mirror, size 20x24, in perfect condition. This Dresser has been overhauled and while not as good as a new one, is still in presentable shape.
Price.....**$7.00**

No. 775. One very beautiful Black Walnut Dresser, has large massive base, size 20x42, contains 3 deep drawers and has beautiful Grecian marble top, the top has an enclosed frame, in which is hung a neat beveled mirror, size 26x32. The entire dresser stands from floor to top of frame about 73 inches. We can particularly recommend this Dresser as being a bargain at the price.....**$14.00**



No. 776. A very neat, well constructed Golden Oak Finished Dresser, like illustration. Has heavy plate mirror about 20x24. Was used in apartments of Secretary of Mining Building. Shows no scratches or signs of wear.
Price.....**$8.00**

No. 777. One very neatly polished Golden Oak Dresser, has shaped front, 2 large drawers, 2 small drawers, with heavy brass trimmings. The top has a large glass size about 24x30, set in a swinging frame, is in good condition.
Price.....**$12.50**

No. 778. One very neat Combination Bureau Dresser, stands about 76 inches from floor to top of back. Base has 2 small drawers on top, with large double door cabinet below. Top has neatly beveled mirror, size about 14x24, above which is a canopy effect extending the width of top. In fair condition. Is made of Oak.
Price.....**$7.50**

No. 779. One very beautiful Old Colonial Black Walnut Dresser or Bureau. The base stands about 24 inches high, on top of which is an Italian marble slab. Set on top of either end of base are 2 small cabinets containing 2 drawers each and surmounted on top by slabs of Italian marble, pure white, size of each marble slab 13x13. The back is a stationary frame in which is set a large mirror about 40x18 inches high. From floor to top of frame is about 90 inches. This is a very imposing piece of furniture and must have cost when new, $75.00. We offer this at a remarkably low figure considering its present good condition.
Price.....**$8.00**

No. 780. One very neat Golden Oak Finish Dresser, fairly high base, 3 long drawers, the top one being round, has an open standard frame in which is set a very neat French plate mirror, size about 20x22. It is in fair condition.
Price.....**$8.50**

No. 781. One very neat Antique Oak Dresser, 3 large drawers, has brown marble top, large glass in an enclosed frame, size of glass about 24x28. A very neat pattern Dresser at a reasonable figure.
Price.....**$10.00**

OAK DRESSERS.



No. K219. This is a strictly high grade Dresser made with selected Golden Oak, high gloss finish. The solid oak top is 22x42 in. Full swelled front. Drawers are very large and roomy, with elegant solid brass pulls and brass, key hole ornaments. French Bevel Mirror, 24x30 inch. Automobile castors. Either with or without quartered oak top.
Price $7.75



No. K203. This is a beautifully shaped dresser. Finished in Golden Oak. Double shaped top 20x24 inches. Best French Bevel round mirror 20x24 inches. Standards are graceful and substantial. Mounted on ball bearing casters. Five large roomy drawers, fitted with solid brass pulls.
Price $15.00



No. K205. This Dresser is made of solid oak, thoroughly air seasoned and kiln dried, finished in a rich golden, double shaped top 23x42 inches. Two swelled top drawers and two large commodious lower drawers. Fitted with solid brass handles. French bevel round mirror 20x24 inch.
Price $10.50



No. K209. Made of well seasoned Oak in a very handsome pattern. Double shaped top, 23x42 inches. Swell top drawers, quartered oak. Drawers have neat brass pulls, lock and key. Standards are neatly rounded and gracefully curved. French Beveled Mirror 22x28 in. Finished in beautiful Golden Oak.
Price $12.00

SIDEBOARDS.



No. 204. Solid oak sideboard, high gloss finish. Top is ornamented with heavy carving; has fine mirror, 14x24; top of base is 20x42. There are three drawers, two small and one large. One small drawer lined for silverware; has large roomy cupboard. Shipping weight, about 160 lbs. Shipped from our factory in western Pennsylvania.

Price $11.75



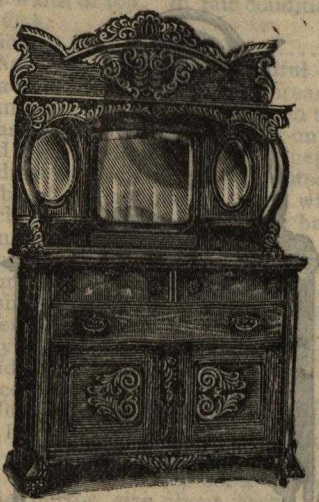
No. 245. A very attractive number. The front of the base is genuine quarter-sawed oak, has heavy claw feet. All drawers are serpentine shape. Has large cupboard; 1 drawer lined for silverware; 1 large and 2 small shelves. The top is very heavily carved. Has a French beveled mirror, 18x32. Finished in golden gloss of high grade. Shipping weight about 180 lbs., from our factory in western Pennsylvania.

Price $19.50



No. 2391/2. Handsome solid oak sideboard, artistic in design, high gloss finish. Has 45-inch top, nicely finished. The top drawers are of quarter-sawed oak, serpentine shape, solid cast brass trimmings. Doors of cabinet are decorated with handsome carvings. Top ornament is finished with heavy hand cut carving. Fitted with French bevel plate mirror, 15x28. Shipping weight about 175 lbs., from our factory in western Pennsylvania.

Price $17.50



No. 244. This solid oak sideboard has a base 22x48 in. Genuine quarter-sawed oak, serpentine shaped drawers. The doors are ornamented with heavy carving. The three mirrors produce a very striking effect when the sideboard is trimmed with glass, china or silverware. Finished in golden gloss. A first-class article. Shipping weight about 180 lbs., direct from our factory in western Pennsylvania.

Price $21.00



No. 835



No. 800

SIDEBOARDS

No. 835. Has fine quartered oak with double top, dimensions of base 22x43 inches. Has deep linen, also divided top drawers. French bevel plate mirror set in a very handsome frame, neatly carved. About 25 on hand.

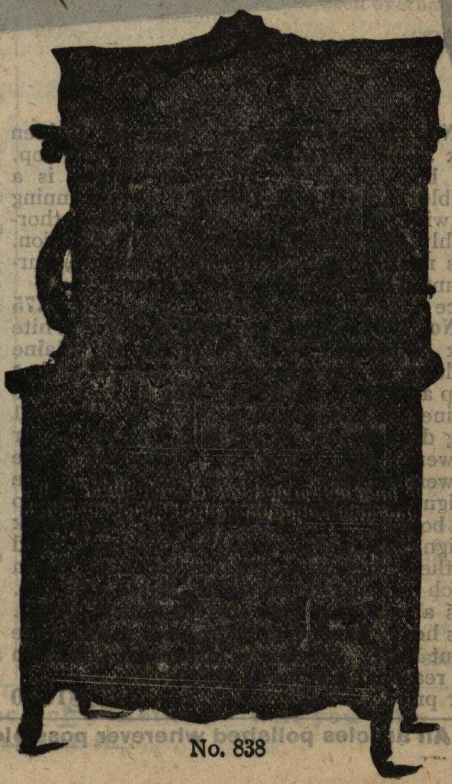
We offer these fine Boards at....each, **$14.50**

No. 800. Sideboard made of selected white oak in a rich golden shade and heavily finished. Top drawers are rounding and one is lined for silver. Has fine French bevel plate mirror. 2 dozen on hand.

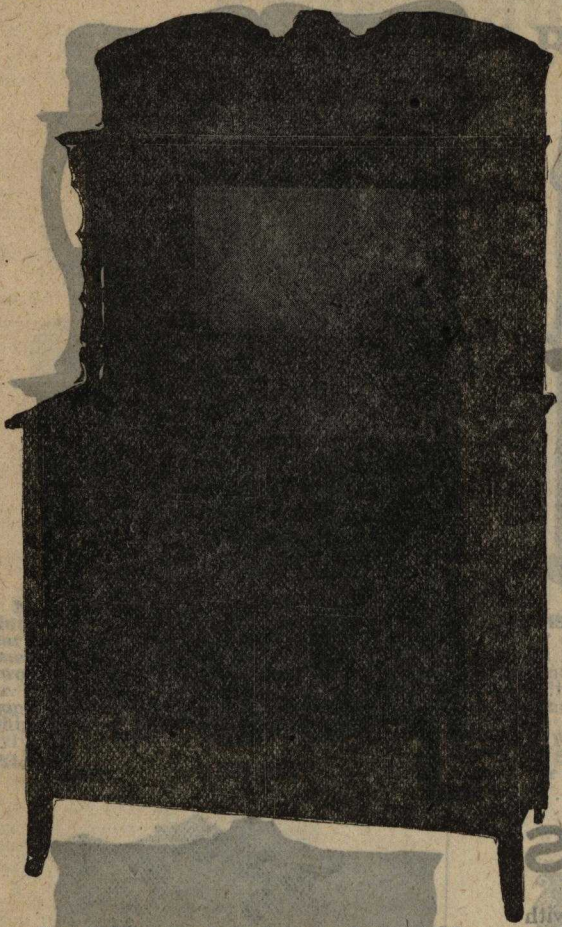
Price.....each, **$12.25**

No. 838. We have 15 of these fine figured patterns on hand. All made from quartered oak. Top drawer lined for silver. This Sideboard should bring $28.00 anywhere.

We offer it at the extraordinarily low price of each.....**$17.25**



No. 838



SIDEBOARDS

No. 1149. One Sideboard, very neat golden oak finish, massively constructed base. Very similar to illustration. Has large heavily carved top piece, fitted with heavy beveled plate mirror. Was secured from Woman's Building.
Price **$12.00**

No. 1150. One nicely polished Oak Sideboard, 2 side drawers, 1 large center drawer, cabinet below. Top has 1 long shelf, 2 small side shelves, French plate mirror 14x24 The Sideboard stands about 35 inches high from the floor.
Price **$9.50**

No. 1151. One finely polished Oak Sideboard, has large serpentine front, base contains 2 small drawers, 1 lined for silverware; 1 long drawer and a cabinet below. Large French plate mirror neatly beveled, above which is a long shelf extending the width of the base and surmounted by a very neat splasher or ornamental board of wood. In perfect condition.
Price **$12.50**

No. 1153. One very neatly constructed Golden Finish Sideboard, base has 1 large double cabinet and 2 small drawers above. Is a square cut colonial design. The top has very heavy plate glass surmounted by a wide shelf of canopy design.
Price **$9.50**

No. 1152. One neatly finished Golden Oak Sideboard, 2 small drawers at the top, one being lined for silverware; below is a double cabinet and 1 long drawer running the width of the base. Same has been thoroughly overhauled and is in good condition. Has neat French Plate mirror in top, surmounted by shelf above, also splasher.
Price **$11.75**

No. 1055. One beautiful Flaked White Oak Sideboard, secured from the Maine Building at the Exposition. About 22 inches deep and 44 inches long. Has large double cabinet in the lower part of the base, 1 long drawer just above and 2 small upper drawers, one lined for silverware. The drawer section of this is in scroll shape design, corner posts are neatly carved at top and bottom. At bottom have neat scroll work design. The Sideboard top is neatly rounded on the corners, has large canopy shelf, from which extends down neatly fluted columns. Has also 2 neat side shelves, fancy turned. Has heavy handsome plate glass mirror, size about 16x28. Sideboard in present condition is a reasonable value at $30.00.
Our price **$16.50**

No. 1154. This Sideboard was secured from the dining room of the Ohio State Building of the Exposition. It represents a very handsome design, in solid selected white oak, large double drawer with serpentine swell on same. This is quarter-sawed oak. One drawer is lined for silverware and all trimmings are in heavy cast brass. The top of the base is neatly shaped and is about 43 inches long. The Sideboard is fitted with a beveled French plate mirror 14x24. On either side of the mirror are canopy shelves; has very neatly carved moulded edge. This Sideboard in is good condition and we quote same to you at **$13.50**

All articles polished wherever possible and packed securely before shipping

BOOK CASES.



No. 590. Book Case something similar to cut, except that lower right-hand compartment is enclosed with panel door, and mirror is set over the desk. Nicely finished in golden oak, heavy brass handles, and French bevel plate mirror on top.
Price $9.75

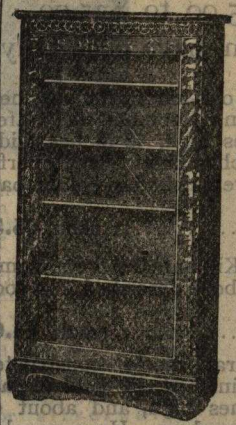
No. 586. One Cherry Library Case, height about 78 inches, width about 35 inches; 1 large glass front door, 2 small doors beneath; adjustable shelves. Framework has been overhauled and is at present in fair condition.
Price $8.50

No. 581. One Solid Cherry Library Case, 6½ feet long; height about 50 inches. Has adjustable shelves, open front with solid brass bar on which a curtain may be hung. Somewhat worn and scratched, but the framework is in good condition.
Price $8.50

No. 582. One very handsome Quarter-sawed Oak Book Case, combination effect. Book case section on left-hand side; right-hand side contains cabinet, then writing desk and above same a very pretty French plate mirror with canopy effect on top. Has been repolished and is in good condition.
Price only $14.00

No. 583. One Library Case, stands about 60 inches high and 45 inches wide; has double door book case section below, above which are 2 small drawers and 1 smaller cabinet. Above this cabinet is placed another similar drawer, and extending from that across the case is a canopy effect. It is overhauled and in fair condition.
Price $9.00

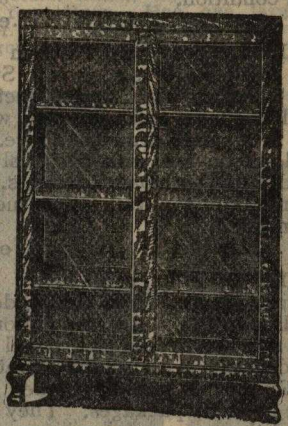
No. 584. One Cherry Book Case, height about 90 inches, width about 45 inches; double door and 2 small drawers down below. It is in fair condition.
Price $9.75



No. 591. Book Case similar to cut, in neat golden oak finish, large glass door; adjustable shelves, in good condition.
Price $6.5

No. 587. One Solid Cherry Book Case, something similar to above description; same height and width, also small lower drawers, with the exception that the frame-work on this is finished in Colonial style and surmounted on top by beautiful carved cornice work; same obtains on ends. It is fitted inside with improved shelf adjusters. Has been overhauled, polished and is in perfect condition.
Price $10.00

No. 585. One very beautiful rare old Black Walnut Secretary Style Book Case. Book case is placed on right-hand side, with secretary desk on left. Above the writing desk is a small cabinet with double doors, beneath the desk are 2 adjustable shelves placed for books, and further down is a small drawer; top is surmounted by a canopy and shelf effect. It has been overhauled and in fair condition.
Price $12.00



No. 580. This handsome Book Case, very similar to illustration, was secured from the library of the Liberal Arts Building. It is made and finished in golden oak; a handsome appearing Book Case in every respect. During its six months' wear it has sustained not even a scratch. It is now in perfect condition.
Price $10.75

We are offering you the chance of a lifetime. Will you take advantage of it.

KITCHEN CUPBOARDS

Quite a number of Kitchen Cupboards secured from various points on the Exposition grounds; all are well-constructed. Original values ranging in price from $5.00 to $35.00. All these Cupboards have been placed in our store-room, have been fully over-hauled and are listed as follows:

No. 1256. About one-half dozen very neat patterns of Kitchen Cabinets or Safes. Stand about 62 inches high, 42 inches wide; are each 14 or 15 inches deep. Have perforated front doors, are finished in golden oak. In good condition.
Price .....each, **$5.50**

No. 1257. Four Kitchen Cabinets, something similar to the above described. In good condition.
Price .....each, **$4.60**

No. 1258. Several nicely constructed Kitchen Cabinets, finished in golden oak, stand about 63 inches high, and about 43 inches wide, 15 inches deep. Have paneled sides, double paneled doors which enclose a large cabinet. Have two small drawers, trimmed with brass. Are in good condition.
Price .....each, **$7.50**

No. 1259. Three very heavily built Kitchen Cabinets, stand about 6 feet, 8 inches high; 3 feet, 4 inches wide, and 15 inches deep. Have glass doors enclosing cabinet, with shelves inside. Have two small drawers in center of cabinet. The base has a large cabinet with double drawers, finished in oak. In good condition.
Price .....each, **$7.50**

No. 1260. Very neat Kitchen Cupboard. Two of these patterns secured. Stand about 6 feet, 6 inches high, and 3 feet, 5 inches wide. Have large cabinet below, with double doors; two small drawers above. A large china closet on top, with two shelves, neatly adjusted; fitted with panel drawers, top neatly surmounted by top rail. Very neat and in good condition.
Price .....each, **$8.00**

No. 1261. Four very heavy oak front Cupboards secured from the Model Kitchen at the Exposition. Are regulation size and height, massive fronts and panel ends, two small drawers with china pantry above. These Cupboards could be taken apart and shipped in small packages. They are in perfect condition.
Price .....each, **$7.00**

No. 1262. One very handsome looking Oak Cupboard, stands over 8 feet high; 40 inches wide and 20 inches deep. Top is fitted with regulation china shelves, double glass doors, small drawers beneath. In excellent condition.
Price .....each, **$11.00**

No. 1263. About four small Kitchen Safes or Cabinets, with panel fronts and ends; have neatly carved backs. In golden oak finish. About 4 feet, 8 inches high; 3 feet, 3 inches wide. Have large panel doors and cabinet drawer above. In shipping they may be taken apart and shipped in small packages. Present condition is A No. 1.
Price .....each, **$3.50**

No. 1264. Two very fine Kitchen Safes or Cupboards, stand about 6 feet, 8 inches high; about 40 inches wide. Have cabinet base above which are two small drawers. In shipping they may be taken apart and shipped in small packages. Are finished in golden oak.
Price .....each, **$5.75**

No. 1265. A few beautiful Kitchen Cabinets. Were used in some of the small French restaurants on the Exposition grounds. Stand about 7 feet high, have a large cabinet base, about which is a projecting ledge containing two small tableware drawers fitted with brass trimmings. Contains very beautiful china cabinet with two long neatly shaped shelves; has large glass doors; size of glass panel 12x30 inches, weight each about 115 pounds.
Price .....each, **$9.25**

No. 1266. One golden oak finish Kitchen Cabinet, regulation height and width, has cabinet base, regulation two drawers and china closet, top fitted with glass doors; somewhat scratched and worn but a little polishing would render the same in good condition.
Price **$6.50**

KITCHEN SINKS

No. 1267. Kitchen Sinks. Over 50 of these secured from the various living rooms of Foreign Nation Buildings. They are constructed of hardwood in a golden finish. About 45 inches long, 46 inches high and 19 inches deep. Have a large sink bowl, 33 inches long, 16 inches wide and 3 inches deep; inside of same is painted. Back of Sink is equipped on top with a wide ledge or shelf. Top of base contains one small soap drawer, and base is a large cabinet with double door. They are all in first-class condition.
Price .....each, **$5.90**

KITCHEN CABINETS



No. 905. Wardrobe, all hardwood, golden oak finish. 7 feet high, 3 feet wide. Large lower drawer. 14 in. stock.
Price.....each, **$6.50**



No. 902. Kitchen Sink, made of hardwood, golden oak finish. Ends are solid oak and back is veneered. Body of sink pan has 2 coats of paint. We can adjust the drawer to right or left side as may be desired, 1 dozen on hand. Price..... each, **$6.10**

No. 1253P. About two dozen massively constructed Kitchen Tables, equipped with top, base in golden oak finish, including two flour bins, one being divided. Also one upper drawer divided for silverware, spices, etc., and detachable bread board. Has large top, with full, wide shelves. About 83 inches high, weight 115 pounds. All have been thoroughly overhauled and are in perfect condition. .....each, **$9.50**



No. 904. 24 Cupboards like cut. Height 6 feet 8 inches; width 3 feet 3 inches, finished in golden oak.
Price .....each, **$5.85**
15 with glass doors.
Price ....each, **$6.75**

No. 1252P. About two dozen Kitchen Cabinet Tables. Have two bins each with a capacity for holding 50 or 60 pounds of flour. The bins are lined with zinc; has two spice drawers, also two detachable bread boards. All in perfect condition.
Price .....each, **$5.20**

No. 1254P. About two dozen very massive Kitchen Cabinets, stand about 85 inches high and are about 41 inches wide. The base has double bin, two upper drawers, detachable bread board, in golden oak finish. The top is fitted with glass doors above; immediately below are four small spice drawers. The entire Cabinet has been thoroughly overhauled.
Price.....each, **$12.75**

No. 1158. One very neat design and well-polished Sideboard. Finished in golden oak, base 21 inches deep by 41 inches wide; one large cabinet section below. There is one long linen drawer surmounted by two small silver drawers, one lined for silverware. Has neatly beveled mirror glass set in top, above which is a canopy shelf. Price **$10.75**

No. 1159. One Solid Oak Sideboard in neat golden finish; has two drawers, one lined for silver. Has one large middle drawer for linen; double cabinet below. Has good substantial top frame with canopy shelf. French style of pillars supporting same; neat beveled mirror. In good condition.
Price **$12.75**

No. 1157. One very neat Buffet, secured from some point on the Exposition grounds. Made of quarter-sawed oak, nicely polished, Colonial design; has lower shelf, two long drawers and square cut top which is surmounted by baseboard about 5 in. deep. In good condition.
Price **$7.50**

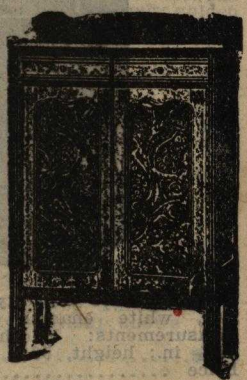


No. 907. Cabinet Table, hardwood, golden finish, 26x42 inch top. 10 in. stock.
Price.....each, **$5.30**

No. 907½. Same Table as No. 907, with 1 flour bin.
Price.....each, **$4.30**



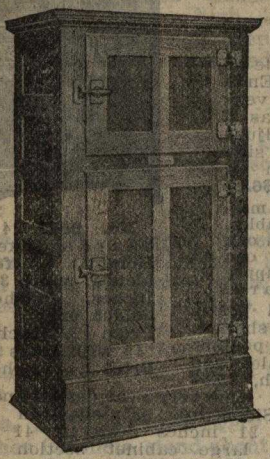
No. 908. Kitchen Cabinet, base 26 by 40 inches, double bin and 2 bread boards; just like cut, finished in golden oak. 17 in stock.
Price complete.....each, **$7.95**



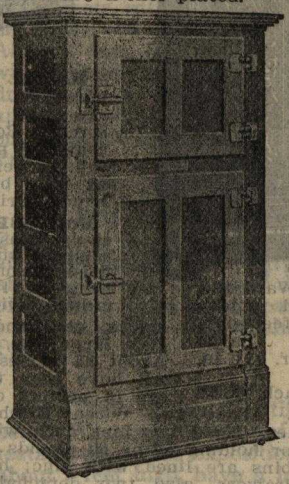
No. 903. Kitchen Safe, hardwood, golden oak finish. Height 4 ft. 7 inches; width 3 ft. 3 inches. Only 10 of these.
Price...each, **$4.45**

ENAMELED REFRIGERATORS.

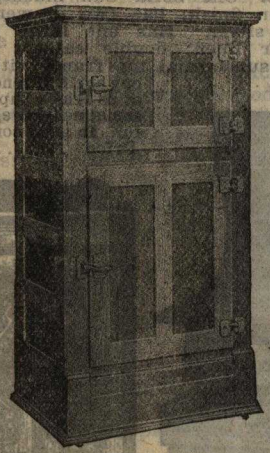
Nothing appeals to a neat housewife, more than a spotless pure white enameled refrigerator. This Refrigerator is not only the greatest ice saver on the market, but it is built along scientific lines. By its peculiar construction a continuous circulation of fresh pure air is forced in and all impure air expelled from the chambers. It combines every conceivable convenience with strict economy. Large ice chamber, roomy provision chamber, cabinet base, loose, close wood slat shelves, convenient to set small crocks, or tea cups, without fear of upsetting. This is positively the only refrigerator made in which you can keep milk, butter, cheese, vegetables, fruit, fish, mutton or poultry, at the same time and not contaminate each other. The Enamel is applied to both surfaces of high grade sheet steel, which insures against breakage and unsanitary joints, so common in tile lined refrigerators. By this process you are practically provided with a chemically pure steel safe, surfaced on both sides with white or gray enamel. Hinges, latches and catches are nickel plated.



No. 93. Ice capacity, 60 pounds. Interior, white enamel on wood. Outside measurements: Width, 25 in.; depth, 16 in.; height, 46 in.
Price $6.00

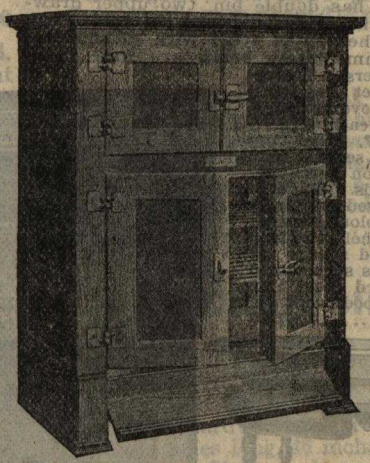


No. 95. Ice capacity, 100 pounds. Interior, white enamel on wood. Outside measurements: Width, 30 in.; depth, 19¾ in.; height, 54 in.
Price $9.75



No. 94. Ice capacity, 75 pounds. Interior, white enamel on wood. Outside measurements: Width, 27½ in.; depth, 17½ in.; height, 50½ in.
Price $8.25

No. 300. Capacity, 130 lbs. Outside measurements; Width, 32 in.; depth, 21 in.; height, 58½ in.
Price $12.00



No. 96. Ice capacity, 150 pounds. Interior, white enamel on wood. Outside measurements: Width, 36 in.; depth, 22¼ in.; height, 48 in. Price $16.00

No. 301. Capacity 250 lbs; double ice compartment, three doors below. Outside measurements: width 45½ in.; depth, 27½ in.; height, 66¼ in. Price $25.00

If you want a larger Refrigerator, please advise us. We guarantee absolute satisfaction. If you are interested, we would advise you to place your order at once, as our stock is so limited that there is no telling how long this material will last.

TABLES AND STANDS

No. 559. Cherry Finished Table, library style, top about 20x26, shelf below. In fair condition.
Price $2.50

No. 560. One 20x24 top Oak Table, braced legs, casters, fair condition.
Price $1.50

No. 561. Three handsome Cherry Tables, with square 26 inch top nicely finished, have heavy rims and fancy turned legs; with cross spindle braces.
Price ..... each, $2.75

No. 562. About 6 very neat Oak Finished Tables, 18 inch tops, fancy turned legs, with shelf below. Are in fair condition.
Price ..... each, $0.75

No. 566. One Black Walnut Library Table, top 12x26, very heavy legs, well braced; originally had drawer but same is missing.
Price $1.50

No. 567. One small Marble Top Bedroom Table, size of top about 18x22, heavy lower shelf with drawer.
Price $2.00

No. 568. One heavy Mahogany Finished Table about 18x24; legs connected by stretcher brace. Neatly finished.
Price $1.75

No. 569. One handsome Black Walnut Library Table, top 20x26, shaped legs at either end, connected by cross stretcher brace, has casters. Somewhat scratched in places but still in good condition.
Price $3.25

No. 570. One handsome quarter-sawed Oak Table, finely polished, has 26-inch top and deep well braced rim, turned legs, well supported.
Price $3.25

No. 571. One small Oak Library Table, about 18x24 top, lower shelf, neatly finished. In fair condition.
Price $2.25

No. 572. One Oak Table, 24-inch top, finely shaped legs, also shaped lower shelf. In good condition.
Price $2.50

No. 574. One Library Table, cherry finish, size of top 25x36. In fair condition. Has massive base with cross braces.
Price $2.00

No. 575. One Oak Finished Table, 24-inch top, turned legs, shelf below. In good condition.
Price $1.00

No. 1052. One massively constructed 12-foot Extension Table, made of solid cherry. Has seen some rough service and is considerably scratched, otherwise intact; neatly turned legs; excellent value for the price $9.50

No. 1053. One Solid Oak Dining Table, 8-foot extension, nicely polished top, turned rim, and heavy base columns, all very neatly turned. Perfect in every way, except for a few scratches.
Price $8.50

No. 1054. Under this number are included 20 patterns of Dining Room Tables, some in solid oak, and some in handsome oak-veneered tops; all have heavy, substantial base columns, all nicely turned. They come in 45 and 42-inch tops, some square and some round. Excellent value.
Each $7.50

No. 1055. One very massively constructed polished Oak Table, has a large 4-foot top, carved legs. Original cost of this table $16.00 or $18.00.
Our price $9.00

No. 1056. One 4-foot Round Top Table of quarter-sawed oak, highly polished, neatly turned rim with rope or beaded edge; heavy legs, nicely carved, with large smoothly working rollers. In perfect condition.
Price $10.25

No. 1057. One Round Table, golden oak finish, somewhat smaller than the one above described, has heavy legs, nicely turned smoothly working rollers, top slightly scratched in places. A splendid bargain at $6.00

No. 1060. One Oak Table, square top, 42 inches in diameter, also leaves for extension; is fitted with rollers. Shows no signs of its 6 months' service.
Price $4.50

No. 1061. Golden Oak Finish Extension Table, square top, good heavy legs. In fair condition.
Price $4.00

No. 1062. One Golden Oak Finish Extension Table, size of top 36x42, fitted with casters. In good condition.
Price $4.00

No. 1063. One Oak Extension Table, medium size, somewhat used and slightly scratched. Has a good heavy base and with a little work could be made as good as new.
Price $5.50

No. 1064. A number of Drop Leaf Kitchen Tables are listed under this number. They include solid oak, golden ash, golden oak, etc., of the breakfast pattern. Some with square tops, others with round tops. In fair condition.
Price ..... each, $2.65

No. 1065. Seventy-five Kitchen Tables are listed under the above number. Small sizes suitable for ordinary kitchens. In fair condition.
Each $0.95
Others perfectly new at ..... each, 1.20

No. 1067. About 2 dozen Kitchen Tables, plain white wood tops, size about 36x50 and 30x60.
Price ..... each, $2.25

No. 1058. One Round-top Table, golden oak finish, in fine condition; shows very few scratches.
Price $5.50

No. 1059. One Oak Table, square top, about 45 inches in diameter, nicely turned rim, heavy base, fitted with casters, also includes separate crate for extension leaves.
Price $5.25

PARLOR AND LIBRARY TABLES.

There were so many of these Parlor or Library Tables secured from the Exposition grounds and from so many different points, that it has been well-nigh impossible to give the exact history of each. We therefore simply itemize them, giving condition and size of each article. Wherever possible we aim to give location of the articles when known to us.



No. 550. This handsome Table was secured from a reception room in Liberal Arts Building; has 24-inch top, heavily polished carved French legs and shaped lower shelf. It is now in perfect condition.
Price $2.25

No. 553. One heavily built Walnut Table, top about 32x22. Has seen some service and is considerably scratched in places; has lower shelf, suitable for books; drawer on one side.
Price $2.75

No. 554. One very handsome Cherry Table, stands about 31 inches high, top is about 26 inches wide by 46 inches long, nicely finished.
Price $4.50

No. 555. One Cherry Table, stands 37 inches high, about 40 inches long, 22 inches wide, has drawer in top, large shelf below. In fair condition.
Price $3.50

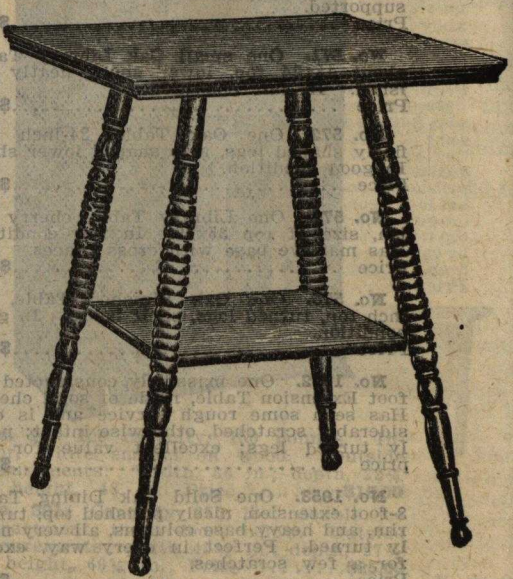
No. 551. Very massively constructed Walnut Frame Table, suitable for library or parlor; length about 41 inches, 30 inches high and about 26 inches wide. Legs are connected at bottom by rounding circular frame at either end, connected by cross stretcher with double rail effect, all in walnut, nicely polished. Top is covered to within 2 inches of outer edge with leather or leatherette and has drawer in one end. Is in good condition.
Price $8.25

No. 556. Cherry Library or Bedroom Table, 34 inches high, about 30 inches long, 20 inches wide. Has large lower shelf. Frame is neatly finished and in fair condition.
Price $3.00

No. 557. One massively constructed Library Table, top about 45 inches square, heavy rim, large legs with fluted effects, finished in mahogany, bass wood top, can be covered with leather or such other suitable covering. Frame is in fair condition.
Price $5.00

No. 558. One similar Table to above, having slightly larger top and heavier base.
Price $5.50

No. 577. Table with 24-inch top, similar to illustration; has lower shelf, nicely turned legs, heavily finished.
Price $1.25

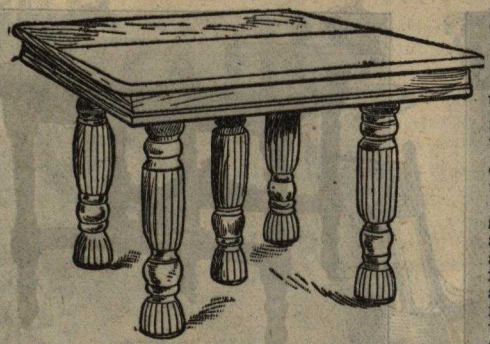


CENTER TABLES.

No. 920. 200 Fine Center Tables, finished in Oak, have large tops, fancy shaped lower shelves and turned pillars.
Price $1.35

No. 930. Beautiful quarter-sawed Oak Center Table, hand polished. In a very popular Louis XIV. design. Has a top 24x24 inches, in perfect condition.
Price $5.75

Miscellaneous Tables.



No. 1050. Six very handsome Golden Oak Extension Tables, somewhat similar to cut. Size of top 42 inches, pillars being each about 4 inches in diameter, nicely turned, complete with casters. Are perfect in every way, only having been used during the Exposition. Each $6.50

No. 1067½. Same as above, 30-inches wide, 5-ft. long. Price .....

No. 1072. One massively constructed Restaurant Table, large top 50x73 inches, hardwood, somewhat scratched, saw some rough service but with a little work may be put in good condition; finished in cherry or mahogany, has neatly rounded legs which are nicely polished. An exceptional bargain at the price.....$4.75

No. 1073. One large 48-inch Table, hardwood top, has seen some rough service. With little work may be put in good condition. Price $2.50

RESTAURANT TABLES.

No. 1072. Fine, French leg Dining Room Tables, 6 feet square, made of solid Oak, Legs and Base finished in antique Oak. Plain top, 1¼ in. thick. Cost at least $10.00. Our price.....$4.50

No. 1074. Something similar to the Table above described, in better condition. Price $3.00

No. 1075. One massively constructed Restaurant or Cafe Table; has large wrought iron pillar base, same is about 5 inches in diameter. Round floor pivot, 16 inches in diameter, with small screw-holes which will permit of the Table being fastened to the floor. Has quarter-sawed oak top, slightly warped. In good condition. Price $5.50

No. 1076. One heavy Cafe or Restaurant Table; was evidently used in some outdoor Cafe on the Exposition grounds. It is a very pretty sky blue color; has 48-inch square top. Price $4.25

STORE AND OFFICE TABLES.

No. 1077. One very massively constructed Store or Office Table; is about 48 inches wide and 6 feet long; in mahogany finish. The corner posts, 3 inches in diameter, are square cut. Table stands about 30 inches high from the floor. Is in splendid condition. Price $6.00

No. 1079. Two massive Walnut Store or Office Counters or Tables. They are about 28 inches high, are about 4 feet wide and 4 feet long. Have large deep drawers to the number of four on each side of the tables. They were used at some point on the Grounds and are in good condition. Their original value was not less than $150.00. We offer these articles at each, ...$25.00

No. 1080. One large Store Table, something similar to the one above described. Is about 10 feet long, 48 inches wide; also has drawers on either side. Price .$14.00

No. 1081. Three heavy Store Tables, each 36x48, made of oak, fine quality, hardwood top, in good condition. Price $5.00

No. 1082. Six Store or Desk Tables, stand about 31 inches high and inclined to a height of 33 inches at the back; length about 38 inches, width about 28 inches, fitted with desk cover which may be raised and which covers a receptacle about 6 inches deep, and entire width and length of top. All in cherry finish, somewhat scratched and worn, but in good condition. Price .....each, $2.50

No. 1085. Two large Store or Office Tables, each 5x14 feet, of heavy hardwood; tops also of hardwood. In fair condition. One is in cherry, which we price at..$9.00

Other is in dark oak, not in quite as perfect condition as the first. Price ..$6.00

RESTAURANT TABLES.

No. 1070. Have solid cherry bases, of pine and mahogany finish, also hardwood tops; are about 4x6 feet, fitted with corner legs, quaint in design, neatly cut and shaped, French pattern. We have about ½ dozen of these on hand and price them at Each $3.75

No. 1071. One massively constructed Restaurant Table, size 48x72, heavy, well braced rim, neatly turned. Slightly scratched; otherwise in perfect condition. Price $4.50

MISSION DINING ROOM TABLES.

No. L 299. Here is a rare work of art in weathered oak. The design is after the original copies of the handiwork of the Jesuit Fathers, with a little softening of the lines and a touch of comfort. The present mission furniture, while a direct copy of the old Fathers, has been delightfully changed to the comforts of the present generation. This massive yet beautiful piece of furniture was obtained by us from the Liberal Arts Building at the St. Louis World's Fair. The top is double, 48 inches square, veneered in quarter-sawed oak. They come in 6-8-10 and 12-ft.

Price..... 6-ft.....$18.75
Price..... 8-ft..... 21.00
Price.....10-ft..... 23.25
Price.....12-ft..... 25.50

MISSION ROUND EXTENSION TABLE.

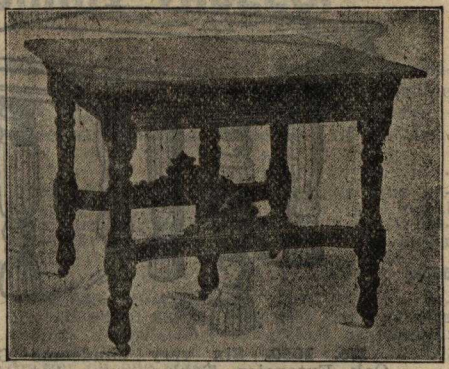
No. L 294. This is one of the most beautiful products of the furniture makers' art. Finished in American quarter-sawed oak veneer, has 45x45-inch top, mounted on an 8-inch pedestal, handsomely turned. There is a leg inside the pedestal which supports the table when extended. Has nicely turned feet mounted on heavy casters. This is without doubt one of the prettiest creations on the market today. Strongly constructed and well made, and an ornament as well as a useful dining room table. These tables were on exhibit at the Louisiana Purchase Exposition. They come in 6-8-10 and 12-ft.

Price..... 6-ft.....$16.25
Price..... 8-ft..... 17.75
Price.....10-ft..... 19.25
Price.....12-ft..... 20.75

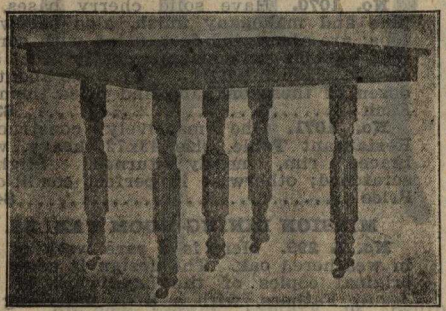
EXTENSION TABLE SPECIALS



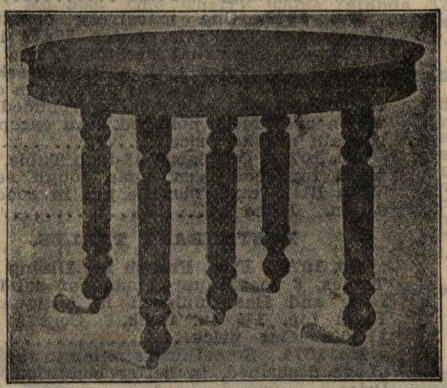
No. 709. Ten substantial Hardwood Tables in fine golden oak finish and with heavy 2½-inch legs; size of top 36x42 inches.
5 with 6-foot extension.....each, **$4.50**
8 " 8 " " ..... " **6.25**
2 " 10 " " ..... " **7.75**



No. 725. This beautiful Golden Oak Extension Table has a large 42-inch top, with finely turned legs. We could only secure 16 of this pattern.
4 6 foot.....each, **$ 9.85**
12 8 " ..... " **11.90**



No. 707. We have 8 of these substantial Extension Tables, all new and nicely finished in golden oak shades. Have 42-inch tops and solid 3-inch legs.
4 with 6-foot extension.....each, **$5.85**
3 " 8 " " ..... " **7.25**
1 " 10 " " ..... " **8.95**



No. 717. Is a fine Golden Oak Extension Table, with 40-inch top and neat-appearing, well-constructed base. A splendid Dining Table in every respect. Just 6 of these on hand.
2 6 foot.....each, **$6.80**
8 8 " ..... " **8.15**
1 10 " ..... " **9.60**

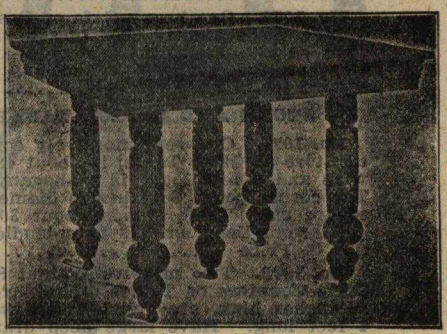


No. 700

No. 700. 14 genuine Baker Refrigerators just like cut, all practically new; are zinc lined.
Height.....39½ inches
Length.....25 "
Depth.....16
Price.....each, **$9.50**

No. 700½. Same pattern, but greater size. 43x18x26 inches.
Price.....each, **$11.75**

No. 729. A handsome polished Oak Dining Room Table, 42-inch top, neatly turned legs. Just 15 of these.
6 ft. sizes, each, **$ 8.00**
8 " " " **10.60**
10 " " " **12.75**



No. 729

Owing to limited number of above articles we would ask you to place your order early and thus insure your getting pattern desired.



DINING ROOM CHAIRS

From the Exposition hotels, restaurants and cafes on the Exposition grounds, we secured a large quantity of Dining Room Chairs of all kinds. Some of these were in fine hardwood, nicely polished, fancy patterns, ranging from $4.00 to $9.00. Others we have listed in five general divisions as follows:

No. 1088-1. About 500, wood and cane seated, fancy spindle back, with paneled insertions, some with plain wooden seats, others have saddle effect, good, well-constructed bases, some scratched, others in perfect condition.
Price.....each, **$0.60**

No. 1088-2. About 400 cane seated Dining Room Chairs, spindle back, some have double panels enclosing spindles that run into the seat. In fair condition. In some of these it is possible to match up a set of six.
Price.....per Chair, **$0.75**

No. 1088-3. Five dozen Cane or Wooden Seated Chairs, made of oak; a few in ash and elm wood, golden finish. Very neatly turned spindles and rounds. Have double panels and nicely turned posts. These Chairs are retailed at $1.30, $1.40, $1.60.
Our price.....each, **$0.95**

No. 1088-4. Twenty dozen very handsome Dining Room Chairs; some have cane seats, others have wooden seats; all have neatly turned rounds. A very excellent Chair; they retail for $2.50 and $2.75. Some with saddle seats.
Our price.....each, **$1.20**
This lot contains three divisions of Chairs:

No. 1088-5. Vienna or Bent Wood Chairs, some with cane, and some with wood seats; some in oak, and some in birch. There is not much can be said in connection with these patterns excepting that they are of excellent value for the money and are in very good condition.
Price.....each, **$2.10**

No. 1089. The second lot of these Chairs include several fine box frame Cherry Wood Chairs, which were used in some of the hotels on the Exposition grounds. Have square spindle backs and are in excellent condition.
Price.....each, **$1.25**

No. 1089½. The third division contains several finely polished Oak Chairs, in neat golden finish; some have panel and others have spindle backs. It may be possible to match out of this number similar patterns for a set. These Chairs retail from $2.75 up to $6.00 and $8.00 each.
Our price.....each, **$1.50**

No. 1090. Several dozen round back Kitchen Chairs, made of hardwood. Have heavy posts, rounds and spindles. Are shipped K. D.
Price.....in dozen lots, **$6.50**

No. 1090½. Several odd Dining Room Chairs, with arm braces; some scratched, others in fair condition.
Price.....each, **$0.65**

No. 1091. Two dozen Oak Dining Room Chairs, five and six spindle back, cobbler leather seat. Price.....each, **$0.70**

No. 1092. One-half dozen Oak and Golden Finish Chairs, long spindle backs, heavy cross panels, cane seats, well braced below.
Price.....each, **$0.70**

No. 1093. One dozen Wood and Leather Seat Chairs, having spindle backs, brace arms. In fair condition.
Price.....each, **$0.80**

No. 1094. Two dozen very handsome Golden Oak Finish Dining Room Chairs, have braced arms, cane seats, fancy turned rounds, also fancy spindle backs with double upper and lower panels. Heavy, nicely turned posts. Were obtained from the Commissary Department at the World's Fair. In fair condition.
Price.....each, **$1.00**

No. 1095. One dozen Vienna or Wood Chairs, in mahogany finish. Have fancy turned arms and leather seats. Well braced legs. Very handsome article. Retails for not less than $6.50.
Our price.....each, **$2.00**

CHAIRS



No. 611 No. 615

No. 611. Solid Oak Chair, well made and finished. Has durable cane seat. Is just like cut. 25 dozen.
Price .....per chair, **75c**

No. 615. Fifteen dozen of these fine Golden Oak Chairs, all well made and finished. Are perfect in every way. They are marked at the bottom price.
Price.....per chair, **$1.35**

No. 614. Fifteen dozen of this pattern. Braced arms, carved backs and cane seats.
Price.....per chair, **$1.25**



No. 614



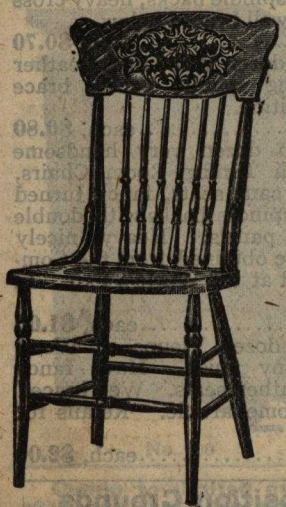
No. 610. We have over 100 dozen of this splendid pattern All are well made and finished in golden oak shade.
Price.....per chair, **95c**



No. 600



No. 602. A good substantial Chair in a nice golden oak finish; 250 in all.
Price.....per chair, **85c**



No. 603

No. 600. This handsome box seat Dining or Reception Chair is made from quartered oak in a rich golden shade and has a polish finish, cane or wood (saddle shaped) seat.
We secured 35 dozen of these beautiful Chairs and, while they last, offer them at—
Price.....per chair, **$1.90**

Same as above, with Leather Seat over cane, and Polished Frame.....**$2.65**

No. 603. A strong Hardwood Chair, finished in golden oak shade. Has nicely embossed back panel. Brace arms. 200 of these.
Price .....per chair, **90c**

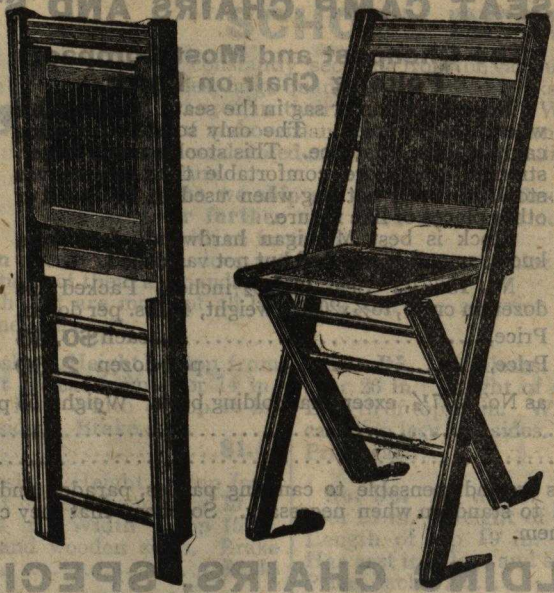
No. 604. A fine Oak Chair, cane seat, brace arms, carved back spindles and panels. 825 of this pattern.
Price.....per chair, **$1.05**



No. 604

FOLDING CHAIRS

Over 2,000 of these chairs secured from the different concessions, reception halls, etc., on Exposition Grounds, all in first-class condition and free from possible defects. They are packed ready for shipment in lots of six and twelve.



In the construction of these Folding Chairs, only thoroughly seasoned hard maple and the best malleable iron are used. All are so built that strain placed upon them is distributed to points where provision has been made for it. In consequence these chairs are strong, durable, comfortable, and do not warp, and are far superior to any other made.

Lot No. 1575. A light, strong Folding Chair that stays folded. The folding device is as simple as it is effective. One last little push completes the folding, until another little push in the opposite direction starts the unfolding. The chair is handled more easily than a board of the same dimensions, 1½x16x14. In a hall used for all purposes, to-night these chairs will comfortably seat an audience, and to-morrow night, folded and piled against the walls, with boards along the top, they'll provide the necessary seats and give all the room possible for a dance. In fact, wherever Folding Chairs are desirable, these chairs are sure to give complete satisfaction. Shipping weight (per dozen), 120 pounds.

Price.....each, 60¢ Per dozen.....$6.50

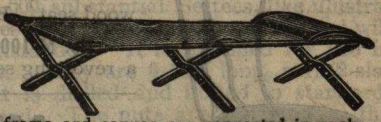


A JOB OF OPERA CHAIRS

Lot No. 1609. We have for sale 1,200 veneered Opera Chairs like illustration. They are practically new, have seen service only about two months, and are guaranteed in first-class condition. They have iron standards, are full size, supplied with hat-racks, and a superior article in every way. Price.....each, $1.50

ORDER NOW BEFORE THEY ARE ALL SOLD

FOLDING CAMP BEDS



No. 1580. 3,000 of these Cots. They were used during one summer at St. Louis. Some of them, in fact, have not been used. The frame and canvas are connected in such a way that the Cot can be opened and closed without any separation of its parts. When open it is full size, comfortable and elastic. When folded it makes a snug package about 3 ft. long and 5 inches in thickness. Just the thing for camp, lawn, piazza or house use. Each Cot is complete with pillow. Weight about 15 pounds. Price.....each, $0.75

LAWN AND PORCH FURNITURE

Just received from the Exposition Grounds

All the following described articles were secured in large quantities. The term of service in which they were used has not impaired their value in the least.

CAMP CHAIRS AND STOOLS



No. 1578½. Folding Stool, seat of fancy striped material fastened by improved method without tacks. Woodwork left in the white. Weight per dozen 35 pounds.

Price.....each, $0.25
Price.....per dozen, 2.40

No. 1578. Same as No. 1578½, except it has folding back. Weight 50 lbs. per dozen.

Price.....each, $0.30
Price.....per dozen, 3.00

Packed one dozen in a crate. The stock in these articles is of much better quality than is generally used, free from knots, smoothly machined and ends of legs are "shaped" off to set square.

No. 1578½.



No. 1578.

SOLID-SEAT CAMP CHAIRS AND STOOLS

The Cheapest and Most Compact Folding Chair on Earth



No. 1577½.

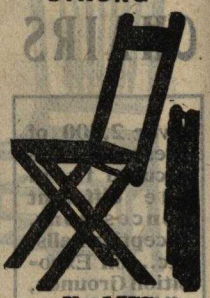
No side motion or sag in the seat. Comfortable when it is occupied. The only solid-seat, folding camp stool in existence. This stool is much larger, stronger, and more comfortable than any canvas stool, as it will not sag when used in the sand or other places of like nature.

Stock is best Michigan hardwood, free from knots, smoothly finished but not varnished.

No. 1577½. Seat 13x13½ inches. Packed one dozen in crate, 13½x20x25; weight, 45 lbs. per dozen.

Price,.....each **$0.26**

Price,.....per dozen **2.60**



No. 1577

No. 1577. Same as No. 1577½, except has folding back. Weight, 55 pounds per dozen.

Price,.....each **$0.33**

Price,.....per dozen **3.30**

These two articles are indispensable to camping parties, parades and exhibitions, as the solid seat can be used to stand on when necessary. So cheap that they can be thrown away when through with them.

FOLDING CHAIRS, SPECIAL

No. 1576. Secured from different points on Exposition Grounds, about 2,500 Folding Chairs. These were the kind sold and rented to the sightseers on which they might rest at intervals during their travels over the various places of interest on the grounds. They are made of hard white maple, are 16 inches wide, with a seat when open about 17 inches from floor. The back extends up from floor 36 inches. Chair weighs about 5 lbs. They have flat seat enclosed in a heavy outer frame of maple, nicely finished, with rounded edges. The back is a double panel bracing same, and it renders it very comfortable to the user. Forced into a compact package, it only occupies 1 inch of space in addition to the width given above. We have taken these out of our main warehouse, overhauled them and packed them in dozen lots, which we quote at

Per dozen.....**$5.50**



No. M-99.

METAL CHAIRS AND STOOLS

No. M-99. Five hundred Aluminum Finish Metal Chairs, with hard wood seat. Each.....**$2.00**

No. M-100. Same as above, except that this chair has a revolving seat. Price.....

METAL STOOLS

No. M-101. Aluminum Finish Metal Stools, hard wood seat Price.....**$1.50**



No. M-101.

SPECIAL STORE OR RECEPTION CHAIRS

No. 1590. About one dozen handsome Store Chairs; base is a pillar made from heavy wrought iron, extending about 13 inches from floor and about 4 inches thick; is in the form of a column; just before joining floor, it extends into a flat circular shaped bottom, about 13 inches in diameter, through which holes have been made for joining same into a stationary position on floor. The seat, which is round and revolving, is about 35 inches high from floor, is about 5 inches thick and at top is about 20 inches across. The entire seat and back are upholstered with springs and covered with genuine leather. The outer edges are studded with brass caps in japanned or black enamel.

The above chair cost originally at least $15. As stated, we have a number of these and they are all in perfect condition, both bases and tops. They make a handsome Store Chair and are suitable for office or reception purposes.

We quote them at, each.....**$3.50**

You certainly must appreciate the enormous saving we offer you in every line.



SCHOOL DESKS

We are constantly securing from the various public schools of this and other cities, large quantities of school desks which are discarded owing to changes in their various systems. We take them into our establishment and overhaul them. We have one separate department in this business devoted entirely to the overhauling of school desks and school furniture.

The desks we ship are in thoroughly first-class condition, and practical for further use. You need have no hesitation in placing your order with us for them.

The illustration shown herewith does not represent any particular desk that we are shipping. The descriptions of them are handed you below.

The desks in the list are made of all hardwood and are superior to anything we have had in hand for sometime past:

No. D1. 115 desks. Height of top from floor 30 in. Height of seat from floor 14 in. Length of desk 24 in. Width of top 16 in. Cast iron legs and sides. Brake seat.
Price, each.....**$1.40**

No. D2. 158 desks. Height of top from floor 30 in. Height of seat from floor 15 in. Length of desk 24 in. Width of top 15 in. Has wooden legs and wooden sides. Brake seat. Price, each.....**$1.35**

No. D3. 125 desks. Height of top from floor 26 in. Height of seat from floor 14 in. Length of desk 22 in. Width of top 14 in. Has wooden legs and sides. Brake seat.
Price, each.....**$1.25**

No. D4. 150 desks. Height of top from floor 23 in. Height of seat from floor 12 in. Length of top 20 in. Width of top 11 in. Has wooden legs and sides. Brake seat.
Price, each.....**$1.25**

No. D5. 160 desks. Height of top from floor 26 in. Height of seat from floor 14 in. Length of top 20 in. Width of top 13 in. Has cast iron legs and sides. Brake seat.
Price, each.....**$1.25**

No. D6. 175 desks. Height of top from floor 23 in. Height of seat from floor 12 in. Length of top 19 in. Width of top 12 in. Has cast iron legs and sides. Brake seat.
Price, each.....**$1.25**

No. D7. 275 desks. Height of top from floor 24 in. Height of seat from floor 12 in. Length of desk 18 in. Width of top 12 in. Has cast iron legs and sides. Brake seat

The top of these 275 can be raised to a height of 30 in., and the seat can be raised to a height of 14 in.
Price, each.....**$1.30**

All the above school desks have an opening in the top of the desk for ink wells



3,000 SETTEES--EXTRA WELL BUILT

No. 1585. 3,000 substantial Settees, like illustration. It is the best slat Settee on the market and will give excellent satisfaction. It is intended for use in parks, lawns, etc. They are 6 feet long, with 2-slat back. Each slat is drilled and bolted to standard. They are hardwood. The nuts are pocketed in the castings. Each Settee is complete with the shoes bolted to the standards.
Price, each..... **$4.25**

SPECIAL LAWN SETTEES



No. 1586. About 2,000 Lawn Settees secured from different points on the St. Louis World's Fair ground. Some of them in red and others in green, about 3½ feet long, very similar to cut. Are made entirely of hardwood smoothly finished, the center and back having slats with oval edges, which are securely fastened with screws set by hand and counter sunk far below the surface. These are good substantial benches and may be left out in all kinds of weather without incurring danger of warping.
Price, each.....85c

No. 1587. Four very neat slat Seat and Back Store Benches, two in green and two in red. They are about 3 feet long.
Price, each.....**$1.00**

We are constantly adding to this list. Be sure to write us your wants.

OFFICE DESKS

We secured practically every desk used in the offices and in the buildings of the Louisiana Purchase Exposition. Most of these are handsome polished articles, made from thoroughly seasoned cabinet woods and built by first-class workmen. The Typewriter Desks are the very newest of all modern desks of this class, and their value is not expressed by one-half at the prices we quote on them.

We are constantly adding to this stock; keep posted. Write for our latest lists. We save you money.

STANDING DESKS



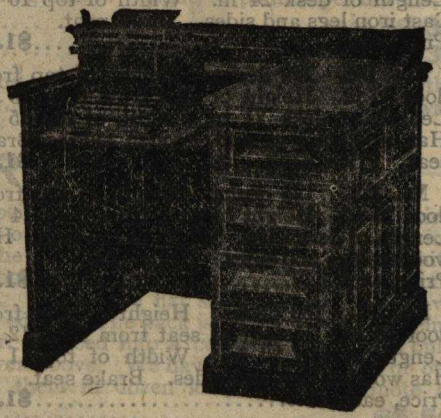
No. 2223. 25 Desks, like cut; 6 ft. long, 33 in. wide, 43½ in. high in front; 5-ply, built up top.

Price.....each, **$11.00**

10 7-ft. Same as above.....each, **13.00**

6 8-ft. Same as above.....each, **15.00**

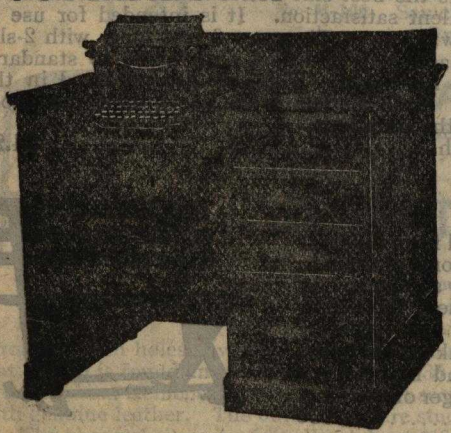
TYPEWRITERS' DESKS



No. 2222. 50 Typewriter Desks, like illustration; 37 in. long; 32 in. deep; 30 in. high; 5-ply, built-up writing bed; 3-ply raised moulded panels; mouse proof zinc bottom under pedestal; cross panel all around; polished finish.

Price.....each, **$15.50**

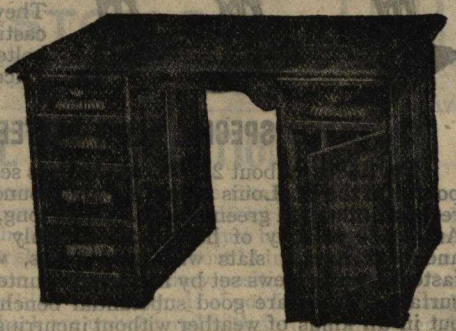
TYPEWRITERS' DESKS



No. 2221. 100 Typewriter Desks, 38 in. long; 32 in. deep; quarter oak, top built-up and polished; moulded base all around.

Price.....each, **$13.50**

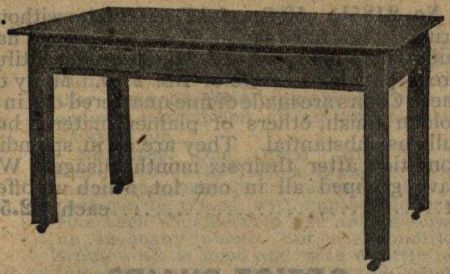
FLAT TOP DESKS



No. 2220. 100 single flat top desks like cut; 48 in. long, 36 in. deep, 30 in. high; plain oak, golden finish, two top slides. Cost, each, $12.00.

Our price.....each, **$10.00**

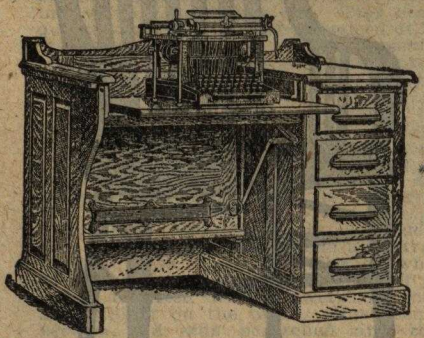
OFFICE TABLES.



No. 224. 275 of these office tables. They are plain, substantial tables; most of them are of golden finish. Prices are as follows:

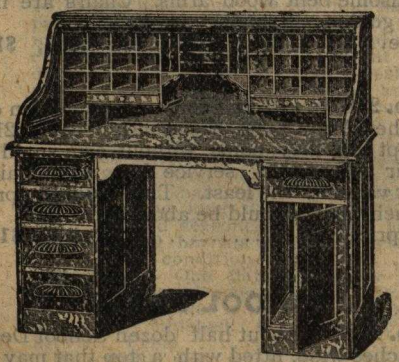
4 foot long .....$4.50 each
5 foot long .....$5.50 each
6 foot long .....$6.00 each
7 foot long .....$7.00 each
8 foot long .....$8.00 each

TYPEWRITERS' DESKS.



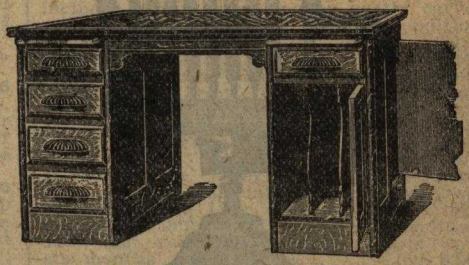
No. 225. 100 drop center typewriter cabinet desks, special grade; have quarter oak golden glass finish; 42" long, 32" wide; weight approximately 170 lbs.
Price, each..... $16.00

ROLL TOP DESKS.



No. 226. 200 high roll top desks, size 54" long, 30" deep, 50" high. Most of them are in golden oak finish. They have 3-ply panels, arm slides, carved handles on drawers, combination lock, hardwood pigeon holes; mounted on ball-bearing casters. Built especially for the Exposition Company by one of the most reputable builders in the country and any one purchasing will secure a bargain. They cost $20.00 each, our price, each $16.00

FLAT TOP DESKS.



No. 227. 75 34" wide golden oak desks; 5-ply top; 3-ply panels; arm slides; carved handles on drawers, combination locks; mounted on casters, in the following lengths:

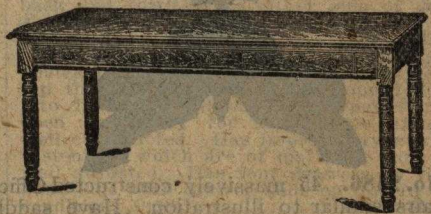
4 foot, each $12.00
4 foot 6 in., each 13.00

PORTABLE DIRECTORS' AND OFFICE TABLES.



No. 228. 20 of these handsome tables made of solid oak; have double length moulded top; mounted on casters; 6 ft. long. Cost $25.00 each. Our Price, each.....$16.00

OFFICE TABLES.



No. 229. Golden oak finished, 5-ply top; casters; strong and well built; 32" wide. Prices as follows:

4 foot long, each $5.00
5 foot long, each $6.00
6 foot long, each $7.00

OFFICE CHAIRS



No. 2185. 150 first-class Office Chairs similar to illustration, but without arms. All nicely golden oak finished.
Price.....each, **$3.00**



No. 2186. 45 massively constructed Office Chairs similar to illustration. Have saddle wood seats, adjustable screw and swivel. Are in a fine golden oak finish.
Price.....each, **$3.75**

No. 2186½. 50 Swivel Chairs similar to above, but without arm spindles.
Price.....each, **$3.25**

50 SPECIAL DESK CHAIRS

No. 2185½. 50 Special Desk Chairs without arms. They have saddle seats, square and flat cut spindle backs, above which are beautiful cross panels, on style of No. 2185. Many of these Chairs are made of fine quartered oak in a golden finish, others of plainer material but fully as substantial. They are all in splendid condition after their six months' usage. We have grouped all in one lot, which we offer at.....each, **$2.50**

OFFICE CHAIRS



No. 2187. 135 fine Arm Chairs exactly like cut. Heavy back panels, saddle seat and handsome bent wood arms. Chairs are in a nice golden oak finish.
Price.....each, **$1,90**

No. 2187½. 75 well constructed golden oak finished Arm Chairs, are exactly like No. 2187, except that they come without arm spindles. Their six months' service has not impaired their value in the least. The ordinary price of such Chairs would be about $4.75.
Our price.....each, **$1.60**

SCHOOL DESKS

No. 2188. About half dozen School Desks 36 inches wide, fitted with a top that may be raised and which covers a receptacle to accommodate books, papers, etc. Some are scratched in places, therefore we quote them at a special price of.....per desk, **$2.75**

THESE ARE CERTAINLY SPLENDID BARGAINS. SEND AN ORDER TO-DAY

OFFICE DESKS, TABLES, ETC.

The following odds and ends in Store and Office Furniture and Fittings are articles crowded out of regular pages. Carefully examine the following lists for perhaps there may be something therein that would answer description of an article you are looking for.

No. 2189. One Office Table or Desk; stands about 34 inches high, is about 38 inches long and 30 inches wide; has a top that can be raised, with cabinet underneath. Has seen considerable use and is scratched up in many places, but the condition of framework is good and with a little polishing can be put into serviceable condition. Is furnished in cherry or walnut.
Price $2.25

No. 2197. Several double flat top Desks, each about 40x60 inches; are fitted on either side with drawers and cabinet; made of nice selected oak, neatly polished. Are in good presentable condition.
Price .....each, $15.00

No. 2198. One quarter-sawed oak flat top Office Desk, 60 inches long and regulation width; has drawers on one side of pedestal and cabinet and drawer on the other side; on the right-hand pedestal is a book cabinet which opens from end. This beautiful quarter-sawed oak article invoiced at $45.00. Its general condition at the present time is excellent. We feel that we quote it at a bargain when we offer it at the price of $19.00

No. 2199. Is a flat top Desk 4 feet, 6 inches long, in black walnut. Top has been covered with leather which has been torn off of it; has chest of drawers on one pedestal; other pedestal contains cabinet below, one drawer above. Is in fair condition. Price.....$8.00

No. 2200. One massively constructed 5-foot roll top Office Desk; has an extra deep bend at desk top, the width of which is 32 inches; has a large assortment of pigeon holes; is fitted with drawers on one side and cabinet on the other. Has seen some service and was scratched and roughly used but with a little work can be put into condition to make it last a number of years to come. We will further agree on this item to put same in fairly presentable shape before shipping.
Price $10.00

No. 2193. Several handsome mahogany finish small Office Desks or Tables; they stand about 33 inches high, are each about 40 inches long; tops are flat and have neat panel mouldings extending from a point midway on width of table around and encircling back; fitted in the front with 2 drawers, one on either side. Desks were used in offices of Administration and other Buildings. They are beautiful specimens of the cabinet maker's art and invoices show they cost the Exposition Company per desk $14.00. Price .....each, $7.50

No. 2201. One flat top Office desk, 40 inches long; has drawers on right hand side and one long drawer in the top; is made of good seasoned oak. Has been well finished, and barring a long service, is in presentable condition. Price $9.00

No. 2202. One flat top Office Desk, 4 feet wide, has drawers on one side, cabinet on the other side; is made of good seasoned oak, nicely finished. Only saw six months' service. Price.....$11.00

No. 2208. One small Secretary's Desk; has hinged front, ink well holders with caps on top; has panel running around back edge of table. Table is 39 inches long and over 30 inches wide; in mahogany finish. Has seen some usage, but is in good presentable condition. Price.....$2.00

No. 2203. One flat top Office Table, is about 6 feet long, has neatly turned corner posts and two massive drawers; each 36 inches long, 8 inches deep. Fronts are of hand-carved black walnut; top has been covered with green baize which is slightly torn in places. Table is in good serviceable condition and with a very little cleaning will be suitable for almost any office. Price $11.00

No. 2204. Heavily constructed oak Office Tables, 4 feet long, 40 inches wide; base includes heavy square posts, neatly carved at lower extremity. Are in good condition, suitable for fine office use.
Price ..... each, $3.75

No. 2205. One Office Table, with desk compartment below; top can be raised up. Finished in mahogany, about 36 inches long and 30 inches deep. Price..... each, $2.50

No. 2206. Four beautiful Colonial style Office Tables, about 28 inches long and 18 inches wide. They stand 32 inches high, have square Colonial legs, heavy lower shelf and one long drawer in top; in a mahogany finish. All in good condition, show but very few scratches from their six months' usage. Price ..... each, $3.00

No. 2210. One round Office or Library Table, 42 inch top; has heavy turned base, is made from select oak and is thoroughly well finished. Somewhat scratched in places, but still in presentable condition.
Price $2.00

No. 2216. One small Office Table; top is about 26x40 inches, finished in mahogany. Table is of hardwood, and while it has seen considerable service, is still in presentable shape. Price $1.25

No. 2192. Several dozen Office Stools, in heights averaging from 18 to 30 inches; are all hardwood. Some are considerably scratched, others in presentable condition.
Price ..... each, $0.50

Combination Cabinet.

No. 2211. One Filing Cabinet or Combination Book Cabinet. Stands about 65 inches high and 44 inches wide; has double door, has brackets inside for shelves, but same may be removed and Cabinet utilized for any purpose from a wardrobe up. Is made of oak and very neatly polished. In good condition. Price $6.25

TYPEWRITER SUPPORTS.

No. 2217. We secured over 50 genuine Melchoir patent Typewriter Supports which may be adjusted to any desk. The shelf is 14x22 inches, of fine selected oak; has a steel adjusting bar beneath which fits into socket at side of desk or any upright piece of woodwork, permitting shelf to swing back and forth or to either side of desk. A splendid article for anyone using a typewriter. Price .....each, $1.75

No. 2214. Several fine drop top Typewriter Desks; are fitted with new style of top that allows same to be dropped down into interior of desk when typewriter is open and ready for use. Made of oak, well constructed. Has improved typewriter fastenings which are of malleable iron and well adjusted. Has four drawers on right hand side with drawer slide on top. In fair condition. Price..... each, $12.00

No. 2194. Several Typewriter's Stands; are fitted with cast-iron bases of neat and prepossessing appearance; good hardwood tops, are the regulation article used in all offices. The iron framework in the finish is black enameled and condition of same is fairly good; tops are somewhat scratched, but all are in fair shape for further use.
Price ..... each, $1.75

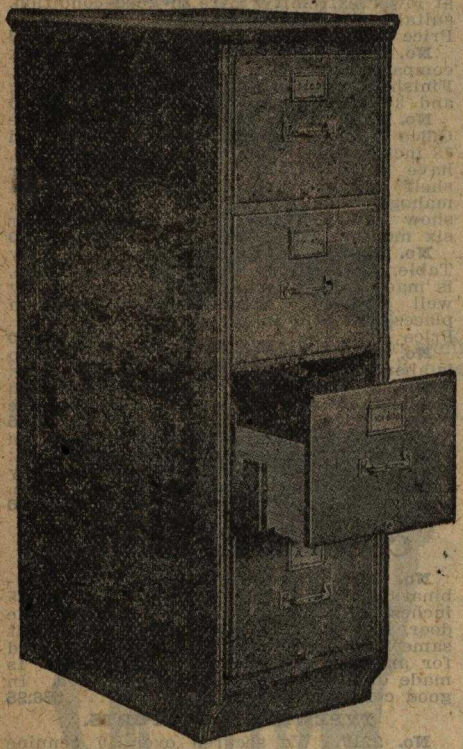
Write us before furnishing an office.

SPECIAL—VERTICAL FILES.

Over $75,000 worth of high grade Letter Filing and Index Systems. Most of this material was furnished by Yawman & Erbe Some is of the Globe-Wernicke make. The quality was the finest that it was possible to obtain. No expense was spared in making the offices of the Louisiana Purchase Exposition strictly up-to-date.

VERTICAL FILING SYSTEM

For filing papers on edge instead of flat.



Supplies for Folders and Guides can be purchased from any Stationery House. These Vertical Filing Cabinets that we are offering are made of selected quarter-sawed oak. Design, material, workmanship and finish are all of the highest grade of cabinet work and shall continue to make these cases extremely handsome and a substantial piece of Office Furniture. The draw poles and label holders are made of solid brass. The label holders have removable fronts. The trimmings are oxidized.

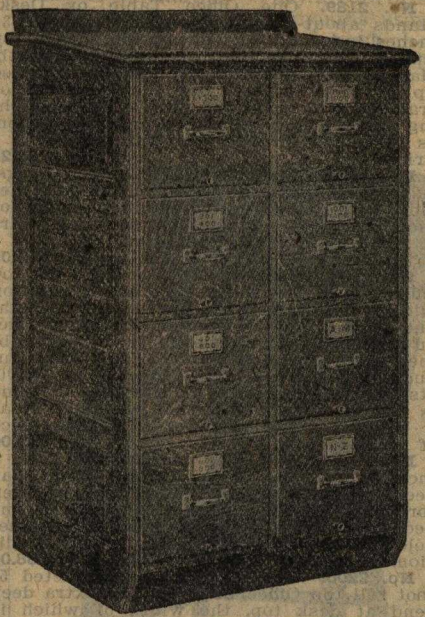
FOUR DRAWER FILES.

No. 2237. 4-drawer Vertical Filing Cabinets, with flat top. Width 18¾ inches, height 51¼ inches, depth 28¾ inches. We have 6 of these cabinets on hand.
Price .....each, **$22.75**

TYPEWRITER SUPPORTS.

No. 2319. 100 Y. & E. improved typewriter supports.
Price .....each, **$2.50**

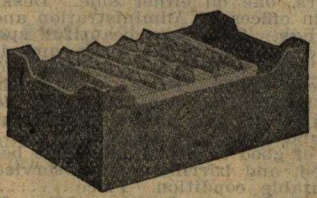
VERTICAL FILES.



8 AND 12 DRAWER FILES.

No. 2241. 8-drawer Vertical Filing Cabinets, desk top. Width 33¼ inches, height at front 51¼ inches, depth 28¾ inches. We have 30 of these cabinets on hand, same as illustration.
Price .....each, **$39.00**

No. 2245. 12-drawer Vertical Filing Cabinet, same style as illustration, in polished oak, desk top. Width 48¼ inches, height at front 51¼ inches, depth 28¾ inches; arranged three drawers wide and four drawers high. We have four of them on hand.
Price .....each, **$53.00**



DESK TRAYS.

No. 2270. Will fit desk drawer, or can be set on top of desk. They are made of selected quarter-sawed oak, nicely finished, each tray fitted with two slanting blocks. Outside dimensions, 5¾ inches wide by 3¾ inches high; 10 inches deep, made for 5x3 inch cards. We have 25 of them in stock.
Price .....each, **$0.60**

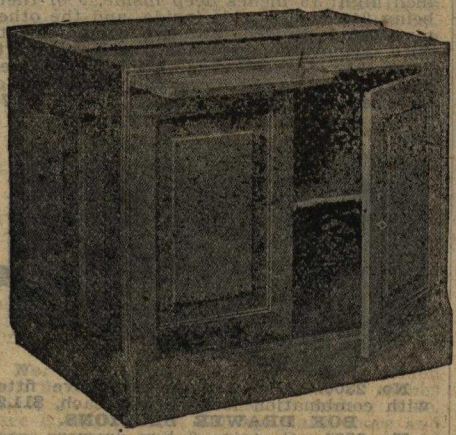
We carry a complete line of Office Furniture.

SECTIONAL FILING CABINET.

Being a system of units and a method for the application of the multiple idea, in reducing the system of keeping correspondence and records of every kind.

This system was used throughout in filing the various records of the **Louisiana Exposition Co.**, and was highly successful, thoroughly practical and the only method by which the growing demands of various departments have been properly taken care of. All the "Y. & E." sections which we will show are 33 inches long. In height they vary from the single sections, which are 4¾ inches, to the 9-drawer Shannon sections, which are 14½ inches. They are all 17 inches in depth, with the exception of the vertical cupboard sections, which are 25 inches deep. The filing devices are noted for their unusual solidity of construction. They will fit snugly together and make practically a solid case. You can buy as many parts as we have, and tops and bases to match.

CUPBOARD BASE SECTION.



No. 2310. 10 of these Cupboard Sections. Length 33 inches, height 33½ inches; contains 2 sliding shelves, 15¼ inches wide. Double door cupboard, divided by horizontal partition.
Price .....each, **$11.00**

No. 2311. 2 low Cupboard Sections, lengths 33 inches, height 14¼ inches, depth 25 inches outside. Interior divided in two compartments.
Price .....per section, **$8.75**

GENUINE SHANNON ARCH LETTER FILE SECTIONS.

No. 2279. Length 33 inches, height 14¼ inches, depth 17 inches outside. Each section contains 9 Shannon arch letter files, which will hold papers 9x12 inches. Each file drawer is equipped with a Shannon Arch cover, for keeping records of transfers. The outside of door is furnished with oxidized brass label holder and drawer pull, same as shown in illustration above of the Shannon Letter File. We have 20 of these sections.
Price .....per section, **$8.50**

TOPS.

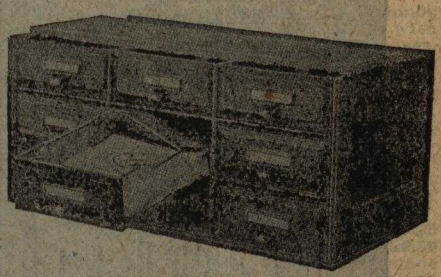


No. 2312. Tops of 1-inch sections. Length 33 inches, height 2 inches, depth 17 inches.
Price .....per top, **$1.75**

No. 2313. Also Tops for 17-inch sections. Length 33 inches, height 5 inches, depth 17 inches.
Price .....each, **$2.00**

No. 2314. Low Tops for 25-inch sections. Length 33 inches, height 2 inches, depth 25 inches.
Price .....each, **$2.00**

LOOSE LEAF FILE SECTIONS.



No. 2280. Contains 9 loose leaf file drawers, 9⅞x3⅝x12½ inches, and will file paper 9x12¼ inches. We have six of these as shown.
Price .....each, **$8.50**

No. 2281. Also 2 with special automatic locking device, which locks all drawers simultaneously.
Price .....each, **$10.50**

CARD INDEX SECTIONS FOR 6x4 INCH CARDS.

No. 2289. Contains 8 file drawers. Inside length of drawer 14¾ inches. We have two of them fitted with rods.
Price .....per section, **$9.00**

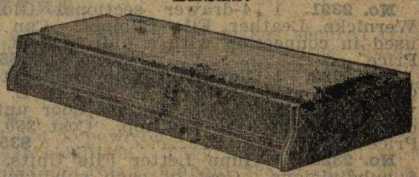
No. 2290. Also 10, fitted with 1 Yale lock.
Price .....per section, **$12.00**

No. 2291. 6 sections, each containing 8 drawers, for 6 by 4-inch cards.
Price .....per section, each, **$12.00**

CHECK FILE SECTIONS.

No. 2294. Length 33 inches, height 14¼ inches, depth 17 inches outside. Contains 6 check files, 9⅜ inches wide, 4¼ inches high and 14¾ inches deep inside. Each drawer is fitted with sliding block and countersunk round rods. Both box drawers and check files are furnished with combination drawer pull and label holder of oxidized brass. We have 3 in stock.
Price .....per section, **$10.00**

BASES.



No. 2315. 15 flat Bases, for 17-inch sections. Length 33 inches, height ¾ inch, depth 17 inches.
Price .....each, **$0.90**

No. 2316. 20 standard Bases, for 17-inch sections. Length 33 inches, height 5 inches, depth 17 inches.
Price .....each, **$1.75**

No. 2317. 15 standard Bases, for 25-inch sections. Length 33 inches, height 5 inches, depth 25 inches.
Price .....each, **$1.90**

If you need anything special in this line, write us.

LETTER FILING CABINETS.

SHANNON LETTER FILING CABINETS.



This is a system of filing letters in arch letter files, making a safe, convenient method of filing. The sheet is perforated so it will lie in a certain position, and can be lifted thoroughly over the curve of the arch after it is filed. Any letter or paper may be examined without removing it from the file.

No. 2271. 4 60-drawer Cabinets, as shown in illustration. The dimensions of this Cabinet are 68¼ inches wide, 57½ inches high, 18 inches deep. They weigh about 550 pounds. Price .....each, **$60.00**

No. 2272. 2 Cabinets same as above, with base below, as shown in illustration. Dimensions with base 68¼ inches wide, 86½ inches high, 20¼ inches deep, making a total shipping weight of about 815 pounds. Price .....complete, each, **$75.00**

No. 2273. 1 40-drawer Cabinet, same as above, with base. Price.....**$58.00**

LETTER FILES.

No. 2320. 1 30-drawer Globe special Letter Case, all complete with index, etc. Made by Globe-Wernicke Co.
Price **$22.00**

No. 2321. 1 4-drawer sectional Globe-Wernicke Leather File Cabinet. Can be used in connection with a unit system.
Price **$5.00**

No. 2322. 1 Globe-Wernicke unit system Cabinet, consisting of 17 L. Bx., 13 L. F., with index, No. 1017, 3 glass door units, complete with base and top. Cost $50.00.
Price **$35.00**

No. 2323. 3 Gunn Letter File Units, in 6 subdivisions. Cost of each subdivision, $10.00. Each section contains 9 letter files.
Price .....each, **$7.50**

VERTICAL FILING SECTIONS.

No. 2303. Depth of section 25 inches. Contains 2 vertical file drawers, 12 inches wide, 11¾ inches high and 22½ inches deep inside. The rods are countersunk. The drawers are furnished with oxidized brass label holders and separate drawer pulls. We have 50 of these sections on hand. Price .....per section, **$9.25**

LOW DOCUMENT FILE SECTIONS.

No. 2283. Used when a large number of document sections only are required. Length 33 inches, height 11⅞ inches, depth 17 inches; containing 6 Lang document files, each 4⅜ inches wide, 10½ inches high, 13 inches deep inside filing space. Same as illustration above, without drawers. We have 20 of these sections.
Price .....per section, **$6.75**

No. 2299. Contains 18 drawers, 1 3-16 inch high; 15 inches deep inside, 9 of them being 9½ inches wide inside, and the other nine being divided into two compartments with removable partition, each compartment 9⅞ inches wide inside. Oxidized brass label holder and drawer pull. We have 15 of these sections. Price.....each, **$9.75**

LEGAL BLANK SECTIONS.



No. 2300. Also 4 same as above fitted with combination lock. Price..each, **$11.25**

BOX DRAWER SECTIONS.

No. 2304. Contains 9 box drawers, each 9⅝ inches wide, 3⅝ inches high and 14¾ inches deep. We have 4 of these, which we offer per section.....**$7.50**

No. 2306. Also 8 of these box drawer sections, containing 4 box drawers to each section. The drawers are 14⅜ inches wide, 5¾ inches high and 14¾ inches deep inside. Price .....per section, **$5.00**

No. 2308. 5 2-box drawer sections, each section 25 inches deep outside; contains 2 box drawers, 14¼ inches wide, 12 inches high and 22¾ inches deep inside.
Price .....per section, **$6.00**

No. 2277. Single pasteboard Letter Files, like cut above. Price .....each, **$0.10**



PERFORATORS.

No. 2278. 50 Cabinet Perforators, perforate from 1 to 40 papers at a time, hollow base clippings; when full it can be emptied. Price.....each, **$0.30**

TRANSFER CASES.

No. 2274. 1,000 Transfer Cases for letters. Price.....each, **$0.15**

All kinds of Filing Devices coming in Daily.

Show Cases==Typewriters==Cash Registers.

SHOW CASES

So many of these were secured from the St. Louis Exposition that we can not possibly describe all. We therefore quote a number of representative patterns and will forward on application a special list of patterns suitable for all purposes.

CURIO CASE.

No. 2729. These stand about 13½ inches high and are in 3, 5, 6 and 8 foot lengths. The panels on sides and front are of double thick glass; are equipped with mirror backs on sliding doors; these run on steel tracks. Cases are made and finished in golden oak and are all nicely polished. The front and top glass panels are divided, being braced with cross moulding braces in center of case. Sizes and prices are as follows:

3 foot size.....price, $ 4.75
5 " " ..... " 8.25
6 " " ..... " 10.50
8 " " ..... " 13.25

No. 2730. Two square front Show Cases 17 inches high. Same description as No. 2729. One in a 4 ft. length, weighs about 120 pounds .....price, $ 9.50

No. 2727. One Show Case that stands 19 inches high. Has double thick glass top and four sides. It is made to open both sides and is 9 feet long. In good condition. Price.....$10.00
One 6-foot, weighs about 175 lbs. " 13.50

BREAD CASES.

No. 2731. Three very handsome golden oak finished Bread Cases; stand 36 inches high, 28 inches long and 23 inches wide. Are equipped with sliding glass doors and have 2 slatted decks in case. They could be used either as a wall or counter case. Weight each about 80 pounds. The make-up of these cases permit them being knocked down in shipping. They are in excellent condition and present a handsome appearance suitable for any store.
Price .....each, $7.00

FLOOR DISPLAY CASES.

No. 2736. From the Exposition grounds we secured several beautiful Floor Display Cases; all equipped with receding bases; the woodwork throughout being of selected oak, handsomely polished and in a golden shade. Cases stand 42 inches high and 26 inches wide. Those in 5-foot lengths are equipped with 1-light panel of glass; the others in larger sizes are equipped with 2 lights in fronts and tops. They are fitted with double strength glass with plate glass tops; have glass sliding doors in the rear which operate on ball-bearing rollers, shelves and metal tracks. They are fitted inside with quarter-sawed oak shelves, one 10 inches, the other 14 inches wide. These shelves rest on nickel plated adjustable brackets, fastened to nickel plated posts. The top glass is counter-sunk and is absolutely dust proof. The side panels are also fitted with double strength glass. Sizes and prices as follows:

5 foot size.....$26.00
6 " " 32.00
8 " " 45.00

RECEDING BASE FLOOR CASES.

Secured from the Exposition Grounds several double-deck Floor Cases; some with straight base, others with receding bases.

No. 2732. Includes six receding base Floor Cases, double deck. They are made of golden oak, highly polished and fitted with all the latest improved materials. Have double-thick glass throughout, sliding panel doors with mirror in the upper compartment; are also equipped with slatted deck and moistening pad. They stand about 43 inches high, 28 inches wide and regular depth. Sizes and prices are as follows:
4-foot length, weighs about 210 lbs, $18.25
6-foot length, weighs about 275 lbs, 22.50

No. 2733. Square base Floor Case, made from selected oak in a handsome golden finish, hand rubbed. Stands about 44 inches high, 28 inches wide and fitted with ribbed plate glass shelves, one 9½ inches wide and the other 13 inches wide; shelves are set on adjustable nickel plated brackets at ends of case. They have plain glass sliding doors; panels are of best quality double strength glass; top glass is counter-sunk into frame and lays flush with sash. These handsome cases were secured from some of the finer exhibits on the World's Fair Grounds. All are in perfect condition and represent values far greater than double the price we quote would represent. Sizes and prices are as follows:
4-foot length, weighs about 180 lbs. $19.50
6-foot length, weighs about 275 lbs. 24.75
8-foot length, weighs about 350 lbs, 32.50

COMBINATION CASES.

No. 2734. Several very neat Combination Cases majority of which are fitted with self-locking drawers and doors. They stand about 12 inches high and 23 inches wide, the lengths averaging 52 inches; are fitted with double-thick glass; top hinge doors. These items are handsome in appearance, take up but little room and prove a decided ornamentation to any counter or case top in a store. They have all been overhauled and at the present time are in perfect condition.
We can quote them at.....each, $8.75

TYPEWRITERS.

There were quite a number of Typewriters of all manners and makes secured from the Exposition Grounds. They include Remingtons, Caligraphs, Densmores, Smith-Premiers, Underwoods, Olivers and, in fact, all the standard makes on the market; many of them being the very latest patterns, others slightly older patterns, but all in good condition. We list them as follows:

No. 2753. One dozen splendid Densmore machines, all improved patterns; have been overhauled and are ready for immediate use. Price..... each, $52.00

No. 2754. One Caligraph, overhauled and in fair condition. Price $24.00

No. 2755. We also secured a few of the latest improved Olivers.
We are quoting at .....each, $68.00

No. 2750. Six Underwood latest improved Typewriters, are in thoroughly first-class condition. They are the regular articles that retail at about $98.00 each. They are patterns that have visible writing devices and are built on the latest corrected lines. Price.....each, $55.00

No. 2751. Three No. 2 Remingtons in fair condition. Price..... each $28.00

CASH REGISTERS.

Several Cash Registers were secured from the different cashiers' offices on Exposition grounds. They include many modern and up-to-date Cash Register devices, the majority of them being Nationals. They range in price from small-detail adders at $35.00, $40.00 and $45.00, to fine double Registers, total and detailers at $90.00 and $100.00. Special prices on machines will be furnished on application.

Metal Frames and Pictures.

PORTRAIT FRAMES.



This cut illustrates a photograph holder which is a very attractive ornament, the subject being mounted on a 10x20 in glass. The interior is fitted with handsome lined pockets to hold the portraits. It is made of metal, gold plated and decorated with ornaments of very odd designs, making it unique and attractive. The outside dimensions are 18x26 inches.
Price $3.50

METAL FRAMES AND PICTURES.

No. 1116. This is an elaborate, yet dainty frame containing a pearl painting of an original and artistic design, one of the latest things out. Finished gold, and guaranteed not to tarnish. Contains a beautiful hand painted picture inlaid with pearl. Size 14x20.
Price complete $3.50

No. 1734. Plain oval frame surmounted on top, bottom and sides with floral clusters. Finished in gold. Will not tarnish. Containing a hand painted, inlaid with pearl picture, comes in different subjects. Sizes, 14x20.
Prices complete $3.75

SWIVEL MIRROR.

No. 100. Just the thing for your studio or toilet. Figure is solid metal, Egyptian figure, finished in ebony, oxidized copper, nickel and gold. Stands 12 inches high.
Price $1.45

FRAMED PICTURES.

Pictures of various kinds suitable for wall ornaments, with appropriate designs for dining-rooms, parlors or bedrooms.

No. 1255. Several handsome Oak Frames with gilt mouldings around the frame, and center mat enclosing fruit or game subjects. In fair condition.
Price .....each, $1.05

No. 1256. Dining-room Picture. The frame is handsome veneered Flemish oak. Has a neatly moulded edge; is fitted inside of each corner with raised work of gold design. Size of Frame 21x26 inches inside, with an opening for the picture 16x20 inches. Many different pictures are included in this lot, some being in fruit, some fish and some game.
We quote them at.....each, $1.35

No. 1257. About 2 dozen large Weathered Oak Frames. Are fitted on the outer edge with black or gilt ornaments. The framework is of 3-ply veneered stock; the outside dimensions of the frames are 22x26 inches; size of picture is 16x20 inches, in oval style of opening. They are fitted with fruit subjects and photos. One particular subject that appeals to us as we are describing these pictures, is a group representing "Eventide in Animal Land." The picture represents a group of sheep in the foreground, the background being a hillside studded with a small growth of trees, the foliage of which stands out against the golden glare of the setting sun.
Price of this very handsome picture as described above $1.75

No. 1258. Several very neat Oval Frames which are about 16x26 inches outside dimensions, with 10x10 inch opening for pictures. They are fitted with colored photos and landscape views, many including game and fish subjects. A very suitable picture for dinnig-room.
Price .....each, $0.95

No. 1259. We secured several copies of the celebrated artist Rosa Bonheur's masterpiece, "Pharaoh's Horses," which subject we presume is well known to all art lovers. Dimensions of the frame are 24 inches outside, being circular shape, and they have an 18x18-inch opening. The edges of the frame are neatly ornamented by a moulded strip which is tinted with gilt.
Price .....each, $1.75

Pictures.—Continued.

No. 1260. Six round Frames, 2 in Flemish, 2 in weathered oak, and 2 in golden oak. Frame 4 inches wide, neatly ornamented on the outer edge with gold or gilt trimmings. They represent in subject Lions, Tigers, Horses and Dogs.
Price .....each, $1.80

No. 1261. One oblong Dining-room subject; contains 3 openings. Framework in oak. About 19x35 in outside dimensions. The center opening is oval 12x14 inches, on each side of which are 2 small neatly shaped openings. These small openings are fitted one with Fish and the other with Game subjects, the center or oval opening being neatly and artistically decorated with Fruit subjects. It is in perfect condition and shows no signs of having been hung before.
Price $2.25

No. 1262. Two massively constructed oak Frames, one in gold and the other in Flemish; size 25x35 outside measurement. They have openings about 17x27 inches, which are fitted with very appropriate subjects, such as Fruit, etc. Are in perfect condition at the present time.
Price $1.75

No. 1263. About 3 dozen very nice oval Frames in dark brown or golden oak; size 16x19. Are ornamented with gilt on the edges of frames and fitted with Fruit and Game subjects.
Price $0.60

No. 1264. One very appropriate large Parlor subject; is fitted with a Flemish oak frame, nicely embossed and ornamental mouldings; size of the frame 16x19 inches outside, and contains a 14x17-inch opening. Very suitable for parlor, bedroom or dining-room.
Price $0.95

No. 1265. One Parlor or Bedroom subject. Frame is 19x35 inches outside; 1 in Flemish or golden oak, subjects ranging to Ballet Girls and other professional subjects. Picture mat is divided into 3 parts, each one fitted with a subject as mentioned above. All are in perfect condition, ready for immediate use.
Price .....each, $1.25

No. 1266. In this lot is included a number of Parlor decorations secured from the Brazil Building on the Exposition grounds. Several handsome Parlor subjects in golden and Flemish oak frames; the outside size of these being 19x35 and the inside 14x30. The mats are divided into 3 parts, each of which enclose a hunting scene, generally representing horses and riders. All in perfect condition.
Price .....each, $2.50

No. 1267. Secured from the wall decorations of the Brazil Building. Several very fine appearing polished Flemish Oak Frames 28x38 inches; the size of the opening 20x30 inches, which are fitted with Lion, Tiger and other subjects. The Tiger represents a Royal Bengal in the act of springing on his prey; the framework and border being very massive and nicely burnished. A very handsome article at the price we quote.....$3.25

No. 1269. One very handsome Parlor Frame in ebony or black enamel with gilt corner trimmings; size 16x28 inches outside. The opening for picture is about 12x24; has a three-panel style, each containing a very appropriate subject of out-door life.
Price $1.15

No. 1269½. From a bazaar at the lower end of The Pike we secured several very handsome Frames suitable for parlor, containing various subjects in water colors and photos. The frames are finished in lemon and gold and have massive ornaments in gilt. Outside dimensions of Frames are 30x34 and they have 16x20-inch openings. All are in perfect condition.
Price .....each, $2.75

No. 1270. From the above mentioned bazaar we also secured several Pastoral Views in frames finished in gilt with brass corner ornaments, their sizes being 22x26 inches outside; picture opening being about 16x20. Views are very handsome ones, including such subjects as Eventide, The Herd, and Drinking at the Stream; these subjects being taken from masterpieces. They are all in very excellent condition.
Price .....each, $1.25

No. 1270½. Several very neat Gilt Frames, brass corner ornamentation; the frames are about 20x24 inches outside, with 16x20 inch pictures. Several of these are fitted with duplex photos and imitation water colors. All manner of subjects.
Price .....each, $0.80

No. 1271. One dozen handsome Gilt Frames, about 27x30 inches; are fitted with very appropriate subjects which include pastoral views, lakes and mountain scenes, also a few holy pictures. Corner of frames are neatly burnished and have moulded edges. These make very handsome parlor ornaments and represent the $5.00 and $6.00 kind of pictures usually retailed in stores.
Price .....each, $1.90

No. 1272. Nine 23x27-inch Frames, some are finished in gilt, others in oak, others in black, green and white enamel. They are fitted with pictures 16x20 inches, containing landscapes, etc. All are in excellent condition, ready to hang.
Price .....each, $0.80

No. 1272½. Three very handsome Gilt Frames, oval style, size about 24x28. Are fitted with subjects which include Mountains, Lakes, Castles, etc. Pictures bordered with a very appropriate mat in green and gray colors.
Price .....each, $1.50

No. 1273. From Manufacturers' Exhibit Building we secured 15 very handsome serpentine-edged Frames. They are about 23x27 inches outside and are fitted with pictures 16x20 inches. Pictures include colored photos, photogravures, etc., and have all manner of subjects. Frames are finished in black with gilt trimmings and are nicely designed with raised carving. All in perfect condition and ready to hang.
Price .....each, $1.00

No. 1274. Two dozen substantial Oak Frames; size about 25x30 inches outside with picture openings averaging about 16x20 inches. Subjects include fac-similes of noted works and holy pictures. Frames are all in good condition and ready to hang.
Price .....each, $0.90

EACH
$6.50

GENUINE SEMI-PORCELAIN, FULL-SIZE ONE HUNDRED PIECE DINNER SET.

EACH
$6.50



Secured by an enormous purchase direct from a leading pottery, fifty effects in sample Dinner Sets. These include several patterns in absolutely perfect semi-porcelain, hand painted; they have well filled-in natural effects in flowers and floral decorations, and are free from crazes or imperfections. The decorations are all hand painted, with solid gold-filled edges and are perfectly true to nature. These sets were all packed on the Exposition grounds, allowing one set to a package, consisting of

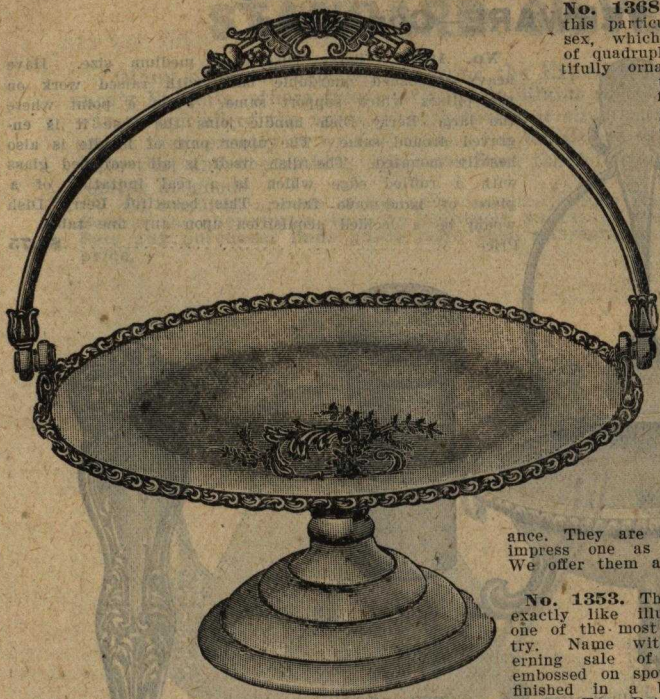
- 12 Dinner Plates
- 12 Soup Plates
- 12 Breakfast Plates
- 12 Handled Tea Cups
- 12 Saucers
- 12 Individual Butter Dishes
- 6 "Newport" Deep Bowls
- 1 "Manhattan" Platter
- 1 Fish Dish
- 1 Large Size Vegetable Dish
- 1 Water Pitcher
- 6 "Lexington" Fruit Dishes
- 6 Pudding Dishes
- 1 "Waldorf" Cake Plate
- 1 Salad Dish
- 1 Pickle or Olive Dish
- 1 Covered Sugar Bowl
- 1 "Seabreeze" Cream Pitcher

ALL SECURELY PACKED FOR $6.50

We can guarantee the above Dinner Sets to be well worth, not alone the price asked, $6.50, but the value representing their real worth, which is about $12.00 or $14.00. This is certainly an opportunity for the economical housewife to secure one of the lifetime bargains so seldom seen, in genuine semi-porcelain Dinner Sets.

This bargain set is good enough for any table in the land

SILVERWARE—Continued.



No. 1363. One beautiful Cake Basket, quadruple silverplate, nicely burnished and floral decoration as shown. Decoration is all hand work. Quality of this silverware is the very best. We secured just 6 of these from the celebrated Wallace Exhibition in Silversmiths' National Exhibit on Exposition grounds. This is an article that would easily retail in ordinary jewelry stores for at least $10.00 or $12.00
Price .....each, **$3.90**
This is guaranteed to be a genuine Wallace Bros. article of silverware, and as the public is well aware of the fine quality of goods which bear that name, we can truthfully state that the purchaser of one of these Cake Baskets will have something to be proud of.

No. 1364. Three beautiful Pickle Dishes or Jars of semi-cut glass enclosed in a quadruple plate base and surmounted by silver plate cover. Have heavy handles with fine edges ornamentally encircling same. Will never tarnish, no matter how hard the usage or how continuous the length of same.
Price **$1.75**

No. 1365. Bread Tray. Has fine scalloped center made of quadruple silver plate with heavily embossed beaded edges, in a burnished finish. This makes a beautiful piece of tableware and would sell in any jewelry store for at least $4.00. We quote on this exceptionally fine article.....**$1.90**

No. 1366. One dozen Pepper and Salt Sets. Bodies are in heavy semi-cut glass with corrugated sides and caps and are of fine quadruple plate; nicely beaded edges.
Price **$1.00**

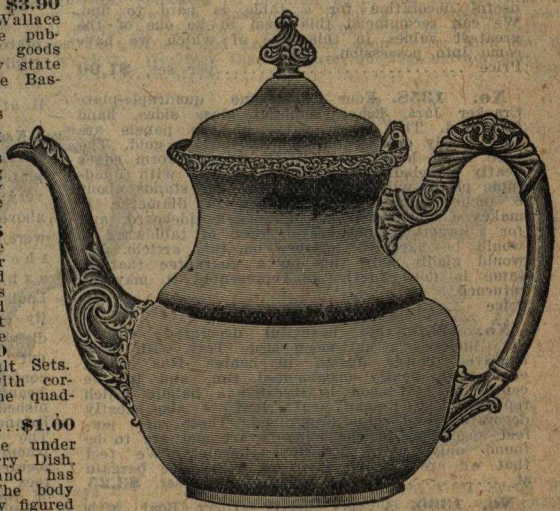
No. 1367. The article we describe under No. 1367 is an exquisitely mounted Berry Dish. The base is beautifully burnished and has heavily chased rim in Roman design. The body of bowl is of heavy drill glass in fancy figured shape and green color. The outside of glass has neatly raised floral and flower designs. Trimmings are gilt. A fantastic handle encircles the dish on top; handle is finely carved and neatly mounted, balance of same being a very heavy burnished finish.
Price .....each, **$3.75**

No. 1368. Sugar Shell. We guarantee this particular item to be a genuine Essex, which denotes the very finest kind of quadruple silver plate. Handle is beautifully ornamented with scroll design extending length of same. A floral scroll design covers upper part of the shell.
Price .....each, **$0.45**

No. 1369. Sugar Shell. Something similar to one just described. Is an ordinary tripie plate, but still a very handsome article. A number of these secured from different exhibits.
Price .....each, **$0.30**

No. 1370. One closing item in this silver department that we wish to impress strongly on the prospective purchaser is a Sugar Shell and Butter Knife Set, which we secured to the number of 1 dozen. The Sugar Shell includes a beautifully chased handle and heavily plated shell; all quadruple. We believe it to be Essex pattern. Knife has same style of handle and is also heavily ornamented with raised work. Blade is beautifully shaped. These are packed 2 in a box, which is satin lined and of prepossessing appearance. They are articles that at a glance would impress one as being worth $8.00 or $10.00. We offer them at per set **$0.90**

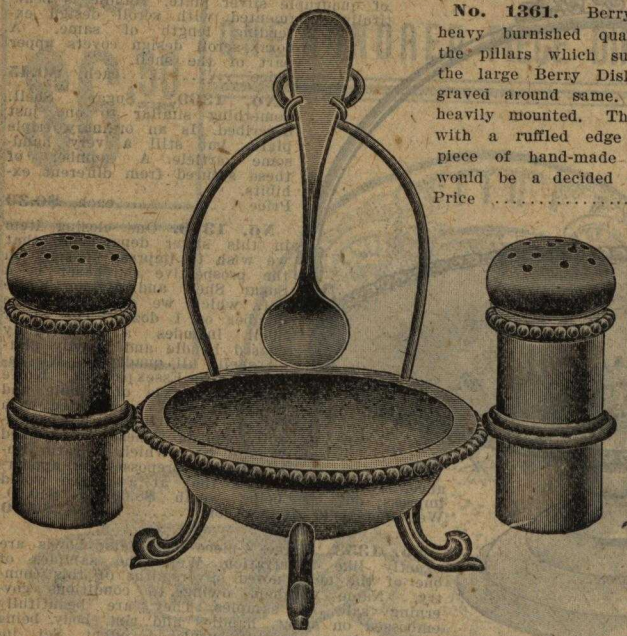
No. 1353. Three 4-piece Tea Sets; bowls are exactly like illustration. Were the samples of one of the most noted silversmiths of this country. Name withheld owing to conditions governing sale of samples. They are beautifully embossed on spout, handles and rim, body being finished in a bright burnished effect. Set includes Tea Pot like illustration, Sugar Bowl, double handles, Small Cream Pitcher, and a Spoon Holder Bowl. One of these sets, if ordinary sold through the medium of the average dealer, would bring no less than $15.00 or $16.00. Our price is **$8.75**
For any one desiring a particularly fine Silver Set we could offer the above as an unexampled value.



No. 1354. There were included in this Assortment several Syrup and Butter Dishes, etc., which would match the above sets. These are also in the finest kind of silver plate.
Price of Syrup Dish with tray to match..**$3.25**
Price of Butter Dish to match.....**$3.25**

Ask for Special List on Silverware.

SILVERWARE—Continued.



No. 1361. Berry Dishes of medium size. Have heavy burnished quarduple base with raised work on the pillars which support same. From a point where the large Berry Dish handle joins the base it is engraved around same. The upper part of handle is also heavily mounted. The dish itself is all scalloped glass with a ruffled edge which is a real imitation of a piece of hand-made fabric. This beautiful Berry Dish would be a decided acquisition upon any fine table.
Price **$3.75**

No. 1357. The accompanying illustration portrays an individual Pepper and Salt Set. We secured just 12 Sets like this. The material is heavily quadruple silver plated, handsomely embossed edges. The cellars have beaded rim and are lined inside with gold. Sets like these are worth easily $5.00 each. The materials they are constructed from are of such a nature as to render them impervious to acids or hard usage. They will last a lifetime. A handsomer or more useful decoration for a table is hard to find. We can recommend this item to be one of the greatest values in this line of which we have come into possession.
Price .....per set, **$1.90**

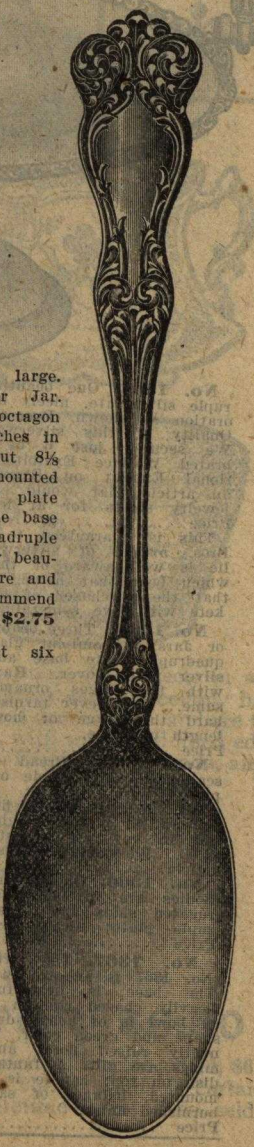
No. 1358. Four handsome quadruple-plate Cracker Jars, heavy semi-cut glass sides, hand decorated. The lower parts of the panels are very neatly ornamented and touched in gold. The base is of heavy plate with circular form edges neatly paneled. The top is covered with quadruple plate, with embossed rim. Jar stands about 8 inches high and 5 inches in diameter. It makes a splendid decoration for a sideboard, and for a practical and useful piece of tableware it would be hard to improve on this article. We would gladly ship this on a guarantee that if same is not exactly as represented it may be returned.
Price **$2.50**

No. 1359. One beautiful decorated Crumb Set; includes a half-moon style Tray with hand engraved flower design in center. Has raised edge with neatly ornamented rim, and in the center of half-moon is inserted a handle which represents a Roman leaf; leaf is also neatly decorated and hand engraved. These are perfect specimens of the maker's art and are to be found only with first-class jewelers. We feel that we are offering them at a genuine bargain at .....per set, **$3.25**

No. 1360. A very pretty Gravy Boat with Tray. Same is in regular formation of all gravy dishes. The rim is most beautifully beaded and has handsomely embossed handle. The accompanying Tray has neatly designed centerpiece with very appropriate beaded edge which matches the dish. For any one desiring a very handsome and fine piece of silver, we would recommend this, especially at the very low figure of **$4.95**

No. 1362. One large, fine-appearing Cracker Jar. Has half-cut glass in octagon shape, is about 5 inches in diameter, stands about 8⅛ inches high. Is surmounted by a cap of heavy plate with beaded rim. The base is also of heavy quadruple plate. This is a very beautiful piece of tableware and we can especially recommend it at the price of.....**$2.75**

No. 1356. About six dozen fine heavy plated Tea Spoons, very similar to above illustration, were secured from the silversmith's exhibit at St. Louis. Have heavily embossed handles which stand out in decided contrast to a beautiful burnished effect on balance of Spoon. The maker from whom these were secured guarantees this pattern of Spoon to last a lifetime and never to tarnish. They are the kind usually rated in the stores for about $5.00 per set. We offer a set of 6 of these Spoons for.**$1.40**



If you do not see what you want, write for our Special Lists.

STANDARD SILVERWARE.

Many odds and ends secured from the Exposition; majority taken from Manufacture's Exhibits, others from small hotels, dining-rooms, etc. The lots include standard wares from all of the noted manufacturers or silversmiths. We represent these articles or list them exactly as we find them. No details are exaggerated and we can truthfully state that any one making selections from the following list will be doubly satisfied on receipt of goods.

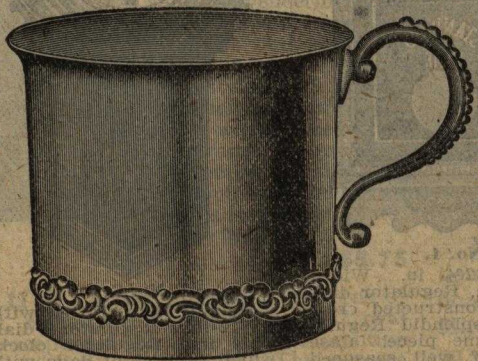
So confident are we of the extraordinary values represented by these Genuine Plate Sets at the above price, that we positively guarantee them. If on receipt of one of these Sets any purchaser finds goods have been misrepresented, we will refund the purchase price.





No. 1351. Quadruple-plate Dish exactly like illustration. We secured 4 of these beautiful Silver Plated Butter Dishes. They have handsome beaded rim close to top as faintly shown on illustration, and are surmounted by embossed knob or handle. They are finished in satin.
Price .....each, **$2.50**

No. 1350. Among the many pieces of genuine Silverware secured from Silversmiths' Exhibit, were about half a dozen 4-piece sets of quadruple silver plate. They are in tea-set styles. The style of Tea Pot is exactly like illustration. The second piece in set is a handsome Sugar Bowl, same style as tea pot only with double handles; third piece being a Cream Pitcher with neatly turned spout, and the fourth a Spoon Holder. This set is beautifully embossed on handles, spout and top of each piece having beaded rim. The engraving work on side, shown in illustration, is of a most complex nature and has evidently embodied the highest skill of the silversmith's craft. Engraving is in a satin finish. These sets were made solely for Exposition purposes and are finished even better than the ordinary sets to be obtained from high-priced jewelers. We feel that we are quoting extraordinary bargains when we offer this 4-piece set for..... **$6.50**





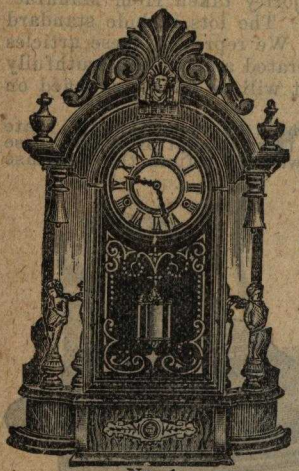
No. 1355. The above illustration portrays a beautiful Drinking Goblet. The lower part of same is handsomely engraved, and handle has embossed effect. Goblet is made from the very finest kind of heavy quadruple and is gold lined. A handsomer piece of silverware would be hard to find in any jewelry house, even in articles running into $7.00 or $8.00 figures. We secured 6 and offer them at.....each, **$0.95**

No. 1352. This very beautiful Syrup Plate, as shown in illustration just above, will match the tea pot set on the upper portion of page. We secured 2 of these. As illustration shows, they are beautiful examples of the silversmith's art, have handsome beaded rims, embossed handles and spout. This Syrup Dish alone will decorate the finest table on state occasions.
Price .....each, **$2.30**

Write for anything special in Silverware you require.

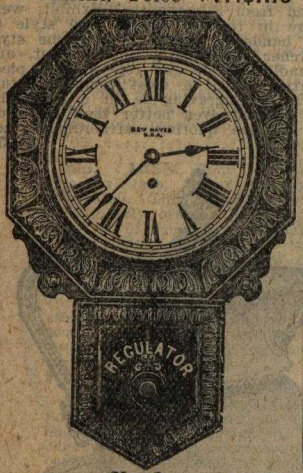
EIGHT DAY CLOCKS

This assortment of beautiful timepieces was purchased by us at Sheriff's Sale.



No. 1.

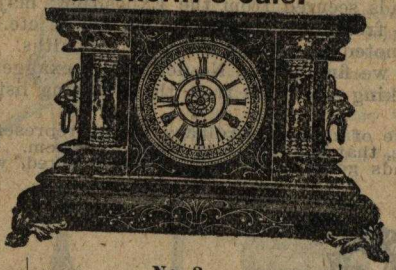
Height 24 in. Width 16½ in. Dial 6 in. Oak or walnut with gilt ornaments. Mirrors on sides. This beautiful and Antique design is one of the latest creations in clock manufacturing. It is a very artistic piece of work and is hand carved, and is finished by artists. The clock is fitted with an 8-day, half-hour strike movement. Price **$7.75**



No. 2.

Height 27½ in. Dial 12 in. This well constructed Regulator which is a guaranteed accurate time keeper, is a beautiful piece of workmanship, being hand finished. The case is made of solid Oak, and the clock runs eight days with one winding. Price **$3.45**

Same as above clock, which strikes the hours and half-hours, Price **$3.95**



No. 3.

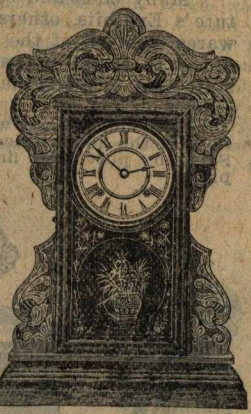
This beautiful boudoir mantel clock is 11½ in. high, 18½ in. wide, and is fitted with a 6-in. French dial. It is made of well seasoned hard wood and has a piano finish. The side ornaments and feet are beautifully gold finished, and the movement which is made by one of America's leading clock makers, runs eight days with one winding, strikes the hours and half-hours on a French Cathedral gong. Price **$6.75**



No. 4.

Height 37½ in. Width 15 in. 12-in. Regulator dial. This well-constructed creation is a splendid Regulator and time piece. Case is made of well seasoned solid Oak, beautifully carved and finished. The movement which runs eight days with one winding, is fully guaranteed in every particular, and is warranted to give entire satisfaction. Price **$3.95**

Above clock with striking attachment at **$4.25**



No. 5.

Height 22 in. Width 14 in. Dial 6 in. A well made cabinet clock which can be used in the dining room or kitchen. This is a splendid value for the money, and is guaranteed A. 1. Runs eight days and strikes the hours and half-hours, and is a thoroughly good time piece. The case is made of solid oak and is beautifully carved. Price **$2.75**



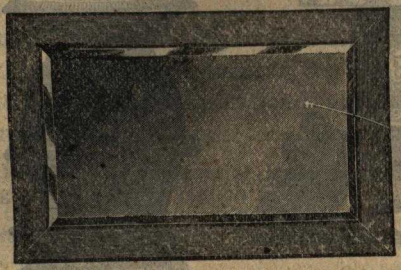
No. 6.

Height 33-in. Fitted with a 12-in. Regulator dial. This fine Regulator clock, which runs eight days with one winding, is the best value on the market for the money. We recommend this clock to those desiring a Standard Timepiece. The case is made of solid Oak, and is a fine piece of cabinet work. Price **$4.75**

Above clock with striking attachment, Price.**$5.25**

MIRRORS, ALL KINDS

Bathroom Mirrors, Hall Mirrors, Wall Mirrors



We secured from nearly every building on the World's Fair Grounds a number of Mirrors, which we list as follows:

No. 1175. Fifty good standard Bathroom Mirrors, in neat oak frame, beveled plate glass. Somewhat similar to illustration. We can furnish them in sizes as follows:

7 x 9	**$0.65**
10x14	**.95**
14x24	**2.55**

18x40, which is standard size, with heavy 3-inch oak frame, we quote at..... **$4.70**

No. 1176. Several Mirrors similar to the above illustration. They are plate glass, not beveled; prices as follows:

9 x12	**$0.60**
12x20	**1.35**
16x28	**2.65**



No. 1177. This handsome pattern of Mirror similar to the above illustration, was used at the Exposition and we secured quite a number of them. The frame is made of 3-ply gilded solid oak veneering. Can furnish some in weathered oak or dark brown; others in black, or mission style. All neatly ornamented with gilt work which shows up the frame to excellent advantage. Oval Mirror is about 18x40 inches in size, is in French plate, neatly finished.

Price..... **$5.75**

No. 1178. A few Florentine patterns of Mirrors, something similar to No. 1177, oval frame, except that the angle of the Florentine curve is a little more acute. The corners have raised work ornamented with gilt. Mirror in French plate, wide bevel. We have this pattern to the number of 2 dozen, in two sizes:

16x20	**$2.50**
18x40	**4.95**

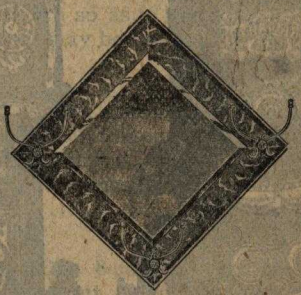


No. 1179. Mirrors listed under No. 1179 are somewhat similar to the accompanying illustration. There were about 200 of these secured from various points on The Pike and also from other points on the Grounds. Mirrors are French beveled plate, very beautiful Florentine frame in gilt work. In perfect condition.

Price..... **$4.75**

No. 1180. One dozen small Florentine Mirrors, beveled plate, have carved frame, gilded. In splendid condition, ready to hang.

Each..... **$2.75**



No. 1181. Secured from the various reception rooms of the Fair Grounds. Several dozen very appropriate beveled French Plate Mirrors, accompanied with wide oak frames on which are placed hat racks. Are adjusted to hang diamond shape. We have them in the following sizes and at the following prices:

10x10	**$1.45**
12x12	**1.65**
14x14	**1.95**
16x16	**2.25**

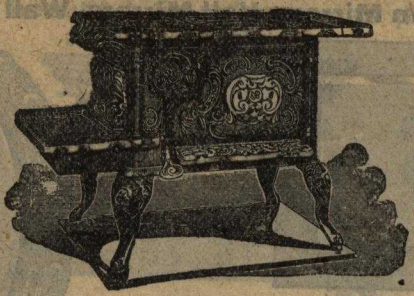
SPECIAL LIST OF STOVES AND RANGES



No. 3075.

No. 3075. Three splendid Hot Blast Stoves very similar to illustration; will burn hard or soft coal or wood; are perfectly air tight and will hold a fire over night; have front feed door, as shown in picture; also square lower feed door fitted with combination lower drafts and direct fire check draft; also collar or pipe draft in back.

One with small fire pot. Price.....**$ 7.00**
One with a medium size fire pot. Price..... **9.50**
One with a large fire pot, this stove being capable of heating 5 rooms. Price..... **12.75**



No. 3077. Popular Style Kitchen Range, similar to illustration, can be had with a 22x30 inch top without including the length added by shelf, fitted with barrel grate, steel lined open hearth, new style large oven, nickel trimmings appropriately placed; has four 8-inch covers.
Price.....**$8.00**

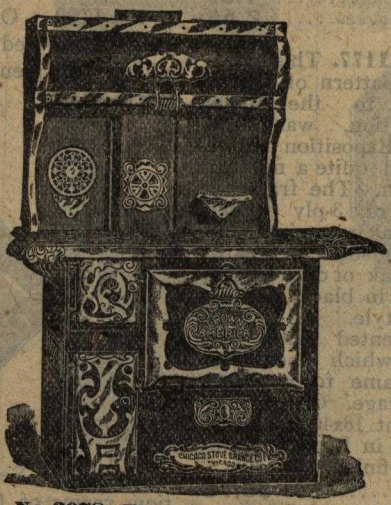


No. 3079.

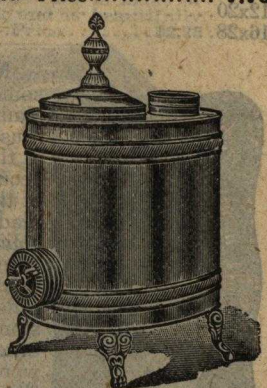
No. 3079. Two fine Cannon Heaters, very similar to illustration, will burn hard or soft coal, are constructed with very latest improved combination shaker and dump grates, are also fitted with draft, check or feed door and also regulation draft on ash door; as picture portrays, shaker is placed on side. Stove is composed in 3 sections, base, fire pot and upper section. This construction permits a stove being heated red hot all over, and allows same to expand or contract at will without forcing joints. In two sizes One with a small fire pot. Price..**$4.80**
One with a large fire pot, one capable of heating a room 25x50 feet. Price..... **7.75**



No. 3076. Oak Heater similar to illustration. This stove, with others shown on this page, were used in a display at the great Exposition of the firm whose name appears on the plates. This particular pattern is made of heavy steel, with ¾-inch corrugated fire pot, large ash pan; will burn hard or soft coal or wood, is fitted with a double fire door, neat nickel ornamentations and extra heavy base; has combination draw shaker grate and a medium sized fire pot.
Price.....**$6.50**



No. 3078. Two splendid Steel Ranges, same style as shown by illustration, are made of cold rolled steel, japanned, large fire box, steel lining, heavy duplex grate, oven door has balance spring and is equipped with heavy corners; comes complete with full assortment of nickel, as illustration shows. Has two tea shelves, adjustable back shelf and high warming oven, one with an 8-inch lid, 6-hole, and an 18-inch oven.
Price.....**$23.50**
One with an 8-inch lid for 4-hole 18 inch oven. Price..... **21.50**



No. 3080. Four Air Tight Wood Heaters, similar to illustration, bodies made of polished steel in a handsome mirror finish; have inside sheet steel linings so constructed that any part may be removed without removing entire lining; is fitted with top and bottom drafts, come in 3 sizes.

In No. 1, length 21 inches, width 16 inches, 2 feet high. Price.....**$3.15**
In No. 2, 26 inches long and 18 inches wide, 2 feet high. Price.....**$4.25**
In No. 3, 32 inches long, 22 inches wide, same height. Price.....**$7.50**
This latter item, one capable of heating 3 large rooms.

HEATING APPARATUS FOR LARGE PLANTS.
WRITE FOR LISTS.

IF YOU WANT SPECIAL PATTERNS, WRITE—WE HAVE THEM

ODD STOVES AND RANGES

From various buildings on the Exposition Grounds which had been completed during the winter previous to the opening of the Fair, we secured a number of Heating Stoves of various kinds and patterns. We list about a dozen, suitable for home use, as follows:

No. 1286. One substantial Base Burner Heating Stove, has a 14-inch fire-pot, large nickel top, neatly surmounted by cornice. Has grate of good quality, has been overhauled, in fair condition.
Price.....**$9.50**

No. 1287. One Combination Wood or Coal Base Burner Drum Stove, stands about 55 inches high from the floor, has 12-inch fire-pot, revolving drop grate, large base attached below. Of the Garland make. Is a standard pattern. Has been thoroughly overhauled.
Price.....**$10.50**

No. 1288. One very massively constructed Bright Oak Heater, has a large 16-inch fire pot, with heavy cast base, neatly turned nickel legs. Lower part of fire-pot is enclosed with handsome nickel railing, in fair condition. Also surmounted at the top of the fire-pot by another neat nickeled rail. All castings have been overhauled and all trimmings are complete.
Very reasonable at price.....**$7.75**

No. 1289. One very neatly constructed Art Heating Stove. This is a Base Burner. Has a 13-inch fire-pot. While a standard pattern, name can not be ascertained at the present moment. Has been overhauled, all trimmings complete. Base is neatly nickeled. The upper part of the top is surmounted by a neatly nickeled crown.
Price.....**$12.50**

No. 1290. One very neatly constructed Heating Stove, about a 12-inch fire-pot, good substantial base, has been thoroughly overhauled. Is in perfect condition at the present time.
Price.....**$5.50**

No. 1290½. One solid constructed Yankee pattern Drum Stove. The fire-pot is about 15 inches in diameter. Heavy well-constructed base, with large 8-inch lid on top; has 5-inch pipe collar. This is a very substantial style of Heater and will heat four or five rooms in winter. Is in good condition.
Price.....**$7.75**

No. 1291. One fine Hot Blast Heater, has large oval-shaped fire-pot about 18 to 20 inches deep. Has malleable iron crown; has a large front door with damper draft. Stove has neatly nickeled flanges on the sides which would serve for foot-rests. This kind of Hot Blast Stove can not be purchased for less than from $18.00 to $25.00.
We ask only.....**$8.25**

No. 1292. One very massive Store Heater, has large 15-inch fire-pot. Has a top section which extends the height of the Stove to a point of 80 inches from the floor. The above described is an immense heater used to heat the north wing of the Maine Building durmg the winter period preceding the Exposition. It is fitted with a base burner adjusted to permit of any kind of coal or wood being used.
Price.....**$17.50**

No. 1292½. One large Store Heater, Cannon Ball pattern, has a 16-inch fire-pot enclosed by a very neat nickel rim. Is fitted with hot water reservoir. On top is a 5-inch lid which permits of kettle being heated on same. Stove is in fair condition.
Price.....**$10.50**

No. 1293. One well-constructed Cannon Ball pattern of Store Heater with a capacity for heating four good-sized rooms. Has very heavy drum of solid sheet iron. The top crown of the stove is 18 inches across. Has a 6-inch pipe collar. The door of fire-pot is fitted with a new style damper which permits of regulation of fire so as to burn over night. Hard or soft coal may be used in the Stove.
Price.....**$10.00**

No. 1294. One Cannon Ball Store or House Heater, 19-inch fire-pot, good capacity. Front door slightly clipped as is a small piece of the base, but otherwise in good condition.
Price.....**$5.00**

No. 1294½. One 8-column vertical Gas Heater, stands about 39 inches high and about 33 inches long. Columns oval shaped. Have very neatly ornamented sides. Is fitted with one long side door which permits of the Stove being cleansed. Nicely carved claw feet, finished in black enamel. In good condition.
Price.....**$5.50**

No. 1295. One splendid Base Burner of Columbian pattern, has 15-inch fire-pot. Is fitted with single barrel duplex grate. Has neat nickel ornament pieces and a heavy nickel top piece. Stove has been overhauled and is in good condition.
Price.....**$13.00**

STOVES AND RANGES—Continued

No. 1296. One very handsome Base Burner; has a 18-inch oven, double fire doors, porcelain medallion ornament on front of door. Has neat nickeled foot rails on each side, very handsome nickeled stove top, with figure of warrior in white metal.
Price $9.50

No. 1297. One very neat Base Burner, has a 12-inch fire-pot, is a solid and well-constructed Stove, in good condition.
Price $7.00

RANGES

No. 1325. One small Kitchen Stove, has double doors of medium size, capable of baking for four or five people. Has four-hole top, lids being 7 inches in diameter. Pipe collar 5 inches. Will burn hard or soft coal or wood. Has a new style front ash pit, which for cleanliness is an important item to the housewife. The stove is in good condition.
Price $7.25

No. 1326. One similar to the above-described, No. 1325. Has a large oven, fitted with duplex grate, and with fine steel fire pot, in a No. 7 pattern. This stove can burn hard or soft coal, has new style of ash pit. Has been overhauled and is now in good condition.
Price $8.50

No. 1326½. One No. 7 Stove, similar to the one described; has seen some service, which is self-evident. Oven in good condition.
Price $5.50

No. 1327. One Combination Parlor Cook Stove, has a large 14-inch corrugated sheet-iron fire pot, 4-hole top and No. 8 lid. A very neat and well-proportioned stove; has been overhauled; in fair condition; used in the kitchen of the Sun Worshippers' Temple.
Price $6.25

No. 1328. One fine large Combination Wood Stove, has a No. 8 lid, 4 hole top, back shelf, 5-inch pipe collar. Has a new style of forward ash pit. The oven, which is a large, roomy one, is a full 18-inch size, with scoop front, and fitted with double door. Stove is a handsome pattern and at present is in perfect condition.
Price $8.75

No. 1329. One very neatly proportioned Combination Hard or Soft Coal Stove. 6-hole top, No. 7 lid, has a good-sized oven, which is well lined and in good repair. No. 6 pipe collar, Stove well mounted, and stands well up from floor. Is a clean, neat-looking article.
Price $7.50

No. 1330. One splendid-appearing Kitchen Range. Regulation 6-lid top of the No. 8 pattern. Has corrugated lined oven, and heavy steel fire-pot Duplex grate in scoop pattern; has 6-inch pipe collar, with ornamented front. Very neatly proportioned tea shelves. In first-class condition.
Price $9.25

No. 1331. Steel Range. Large 18-inch oven, and a 6-hole top, lids being No. 8 size. Grate is steel lined with a duplex bottom. Stove has a high warming closet and two small tea shelves. Was used in model kitchen in Manufacturers Building and is as good as new.
Price $25.50

No. 1332. One very neatly-proportioned Gas Range, has good large-sized oven, with three shelves. Top is about 15x18 inches wide, and is about 34 inches high.
Price $9.50

FIREPLACES AND MANTELS

Several Mantels and Fireplaces, secured from various buildings on the Expositions grounds, have been overhauled and at present time are in good condition. We list a few patterns, as follows:

No. 1335. Three Birch Mahogany Fireplaces, 3 feet 4 inches long, 3 feet 10 inches high; have shelf on top full length fireplace and 10 inches wide; heavy wood bracket 1¼ inches thick, 8 inches long, handsomely grooved, supporting shelf; straight front, six grooves running lengthwise on top and two grooves on side; side pieces are 4 inches wide; have handsome terra cotta tiling all around fireplace opening; have heavy drop grate, of square design, set on four iron legs.
Price ..... each, $10.00

No. 1336. One Birch Mahogany Mantelpiece, handsomely grooved; has shelf on top 11 inches wide, 60 inches long, stands 3 feet 10 inches high; has straight front carved with three ¼-inch grooves and four ½-inch grooves; shelf is supported with two handsome brackets about 2 inches thick and 9 inches long; has handsome tiling about 4 inches square in yellow and brown and edged with a border of blue tiling about 2 inches square; the back is faced with tile of terra cotta color and is about 6 inches wide and 3 feet high; has iron grate which stands on four iron legs; has three 1 inch bars running full length of grate; tile is black, faced in with square metal ornament, handsomely grooved; silver bronze; about 30 inches high and 24 inches wide; size of opening in grate is 20 inches wide and 28 inches high.
Price $12.25

THE FOLLOWING SPECIAL LIST

f Gas Fixtures includes Many Handsome and Practical ixtures, some Combination Effects, others Regulation Gas ixtures secured from Different Exhibits in the Manufac- urers' Exhibition Building on the Exposition Grounds



No. 3039

No. 3039. From the beautiful Brazilian Build- g we secured a number of very fine Wall Brack- ts, exactly like illustration, and from the store- oom of same we secured a number of this style f Bracket that had never been used; they are ll complete with burners and cups, as shown in ut. We quote on the new ones....each, **$0.45** n the ones that were used.....each, **.40**

No. 3040. 7 Wall Chandeliers, very neat de- gn. Have three lights on each side, and one in e center, making a total of seven. They are ry neatly turned polished brass; have fancy ass ware above. Are fitted with imitation andles. In perfect condition, a trifle tarnished. riginal value $10.00.

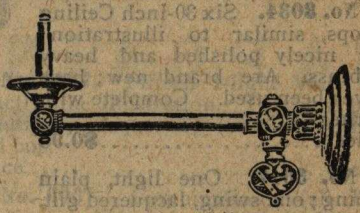
rice.....each, **$3.50**

No. 3041. 3 Wrought Iron Gas Fixtures. rms bent. These fixtures are in perfect condi- on. Black japanned. Original cost $5.00.

rice.....each, **$1.50**

No. 3042. 48 two-light Gas Fixtures. Bent rms. Are practically as good as new. 30 nches long and 18 inches spread.

rice.....each, **$1.25**



No. 3038

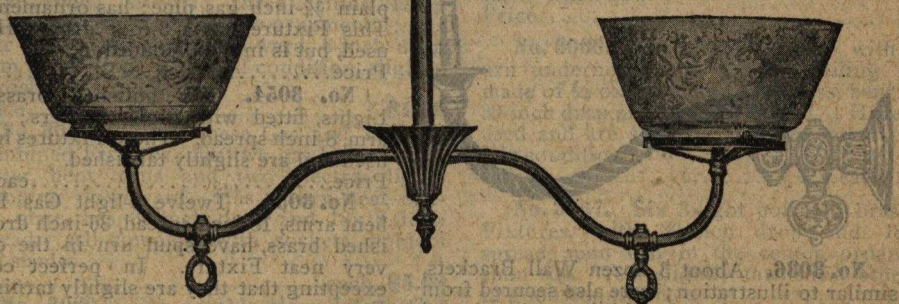
No. 3038. A one-light wall bracket, exactly like illustration. Has very neatly decorated wall rosette and heavily polished tube.
Price.....each, **$0.35**

No. 3043. About 50 two-light Gas Fixtures, made of fancy brass, neatly turned. Have a fancy spun urn in the center, with bent arms. Casing is covered with fancy brass turned cover. Drop 30 inches long, 18 inches spread.
Price.....each, **$1.50**

No. 3044. 2 dozen three-light Gas Fixtures, in lacquer finish, each has spun urn in the center Are fitted with globe holders. Have 18 inches spread, bent arms, as good as new.
Price.....each, **$2.00**

No. 3045. A number of three-light, orna- mental polished Brass Gas Fixtures, 30 inches long, 18 inches spread. Are fitted with globe holders, very neat design, practically brand new.
Price.....each, **$2.50**

No. 3034. Three-light Gas Fixture, has fancy turned spun urn in the center, 30 inches long, 18 inches spread, is fitted with globe holders, has fancy brass casing, practically brand new, in perfect condition. A very neat pattern.
Price.....each, **$3.50**



No. 3032

No. 3032. This beautiful Ceiling Pendant was secured to the amount of one-half dozen from Display epartment of a prominent gas fixture manufacturer's exhibit on the Exposition grounds. They are hand- ome polished brass affairs, all regulation lengths of about 30 inches. Have regulation spread of 18 inches p to tip. Are complete with globe as shown on illustration and all ready to hang.

rice.....each, **$2.75**

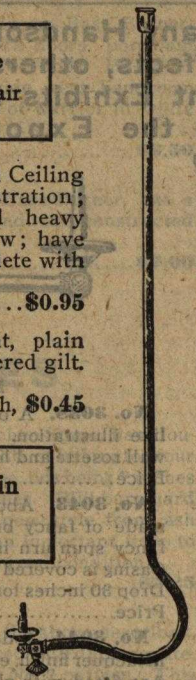
GAS FIXTURES—Continued

They came from the St. Louis World's Fair

No. 3034. Six 30-inch Ceiling Drops, similar to illustration; are nicely polished and heavy ⅜ brass. Are brand new; have never been used. Complete with burner.
Price.....**$0.95**

No. 3047. One light, plain tubing; one swing, lacquered gilt. In perfect condition.
Price.....each, **$0.45**

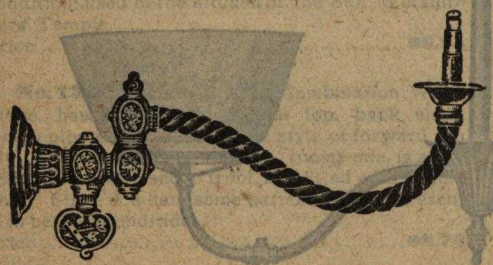
Send Your Order in To-day



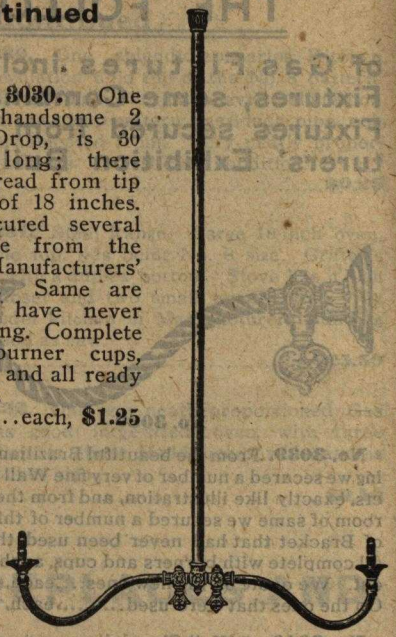
No. 3048. Three swing, polished brass, figured tubing Gas Fixtures. In good condition.
Price.....each, **$0.95**

No. 3049. Three swing, plain tubing, polished brass, very neat Gas Fixtures. In good condition, practically as good as new.
Price.....each, **$1.25**

No. 3050. Twelve 2-light Gas Fixtures, made of ¼-inch gas pipe, arms straight out; has 30-inch spread and 50-inch drop. Has been newly bronzed and is suitable for shop or store.
Price.....**$0.75**



No. 3036. About 3 dozen Wall Brackets, similar to illustration; were also secured from the before-mentioned exhibits. Are brand new, having never been used. They are nicely polished and, as illustration shows, have handsome rope effect on extension tube. Complete with burner.
Price.....each, **$0.60**



No. 3030. One very handsome 2 light Drop, is 30 inches long; there is a spread from tip to tip of 18 inches. We secured several of these from the Brass Manufacturers' Exhibit. Same are perfect, have never been hung. Complete with burner cups, burners and all ready to hang.
Price.....each, **$1.25**

No. 3050½ 50 one-arm Drop Lights, made of ¼-inch gas pipe. Fixtures are 30-inch drop and bent arms which extend out about 9 inches. They are newly bronzed and in good condition.
Price.....each, **$0.50**

No. 3051. About 100 Single Drop Lights, with bent arm extending about 7 inches. These Fixtures are made of brass, lacquer finish. Practically as good as new; in perfect condition.
Price.....**$0.60**

No. 3052. Two Hall Lights; polished brass. Have 4-sided glass frame. Glasses have beveled edge. Size of glass 6½x7½. These Fixtures are made of brass, lacquer finish; practically as good as new. Have 46-inch drop; have been used but are in fair condition. Slightly tarnished.
Price.....each, **$3.50**

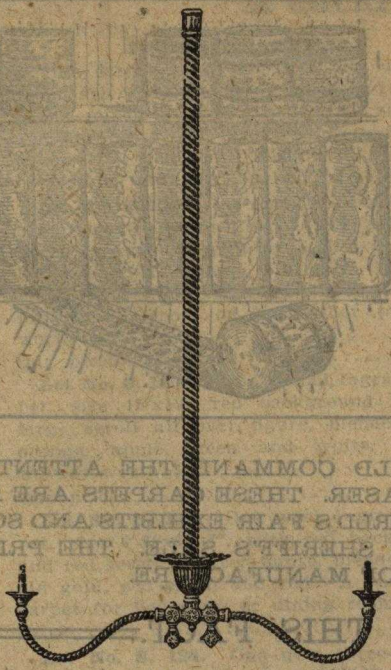
No. 3053. One Single Hall Light, made of plain ¾-inch gas pipe; has ornamental ends. This Fixture has a 3-foot drop. Has been used, but is in good condition.
Price.....**$1.50**

No. 3054. Six polished brass Single Lights, fitted with globe holders; has bent arm, 8-inch spread. These Fixtures have been used and are slightly tarnished.
Price.....each, **$0.85**

No. 3055. Twelve 2-light Gas Fixtures; bent arms, 18-inch spread, 36-inch drop. Polished brass, have spun urn in the center; a very neat Fixture. In perfect condition, excepting that they are slightly tarnished.
Price.....each, **$1.15**

No. 3056. Six 3-light Fixtures, made of ¼-inch polished brass, bent arms, strongly constructed. Have been used and are slightly tarnished, otherwise in perfect condition.
Price.....each, **$1.25**

GAS FIXTURES—Concluded



No. 3031. One dozen 2-light Burners, similar to illustration; about 30 inches long, the upright pipe having very handsome rope effect; are heavily lacquered. The spread from tip to tip on Burners is 18 inches. These also are brand new, have never been hung. Price, each, complete with burner cups, burners, etc., ready to hang.....**$1.50**

ELECTRICAL FIXTURES

No. 3057. One electrical 3-arm Wall Bracket, has spun urn in the center, bent arms, 15-inch spread from wall. Made of polished brass, slightly tarnished, otherwise in perfect condition.
Price.....**$1.75**

No. 3058. Electric, three ceiling Drop Light of polished brass, very ornamental; has four lights drooping downward, 6-inch drop from the ceiling. In good condition, slightly tarnished.
Price.....**$1.50**

No. 3059. Six of these Gas and Electric Combined Fixtures; has two gas lights in the center, bent arms and two electric lights drooping downward. Has a very neat ceiling plate, has 36-inch drop and 18x18 inch spread. All complete with sockets, holders and shades.
Price.....each, **$5.00**

No. 3060. Six combination 2-light Gas Fixtures; have very neat spun urn and ceiling plate, and one electric fixture which droops downward; very neat fixtures fitted with sockets, shades, etc., but no lamp.
Price.....each, **$3.75**



No. 3037. Fifteen 1-light Wall Brackets exactly like illustration. Tubing is plain and beautifully lacquered; complete with burner and cup.
Price.....each, **$0.45**

No. 3061. Combination Wall Brackets, made of polished brass, fitted with sockets, shades, etc., but no lamps. Have one electric light, bent arm extending downward, and has large wall plate. Very neat fixture, brand new.
Price.....each, **$3.50**

No. 3062. Very neat Fixture; has one gas jet above; fitted with imitation candles, made of rich gilt bronze. Has one electric fixture, a very neat spun wall plate. Fixtures are wired and fitted with sockets, shades, etc. In perfect condition, practically brand new.
Each.....**$3.75**

No. 3063. Three double-light Gas Fixtures; have 1½-inch casing, spun urn, 38-inch spread, 75-inch drop. In fair condition.
Price.....each, **$1.50**

No. 3064. Six Wall Brackets; made of brass, finished in nickel plate; under burner made of brass finished with nickel. Very ornamental; have 24-inch spread, bent arms. Slightly tarnished, otherwise in good condition.
Price.....each, **$1.25**

No. 3065. Four Wall Brackets, very ornamental in design, ornamental plate under burner, finished in nickel; slightly tarnished, fitted with imitation candles. Cost at least $10.00 when new.
Price.....**$2.50**

No. 3066. Six 3-light Fixtures, with spun urn underneath and a spun ceiling plate; made of ¼ oxidized and gilt brass, bent arms, 30-inch drop and 18-inch spread. Have been used and are slightly tarnished, otherwise in fair condition.
Price.....each, **$1.50**

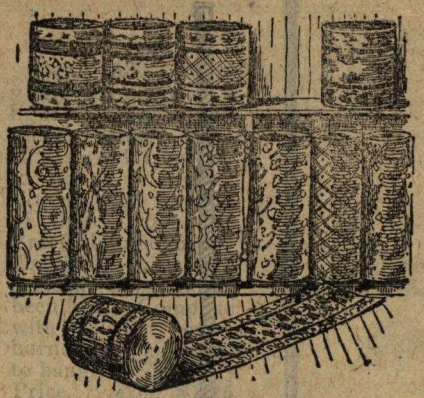
No. 3067. Six 3-light polished brass Gas Fixtures, with 30-inch drop and 18-inch spread, spun urn in the center, ornamental spun top. Are slightly tarnished, otherwise in good condition.
Price.....each, **$1.50**

No. 3068. One light plain tubing stiff wire Bracket, practically as good as new excepting that it is slightly tarnished.
Price.....**$0.35**

FOR

CARPET BARGAINS

READ BELOW



THE FOLLOWING ARTICLES SHOULD COMMAND THE ATTENTION OF EVERY ECONOMICAL PURCHASER. THESE CARPETS ARE ALL NEW. SOME ARE FROM THE WORLD'S FAIR EXHIBITS AND SOME WERE OBTAINED IN A RECENT SHERIFF'S SALE. THE PRICES QUOTED ARE BELOW THE COST OF MANUFACTURE.

THINK WELL OF THIS FACT.

INGRAINS

Lot 3201. A variety of designs in granites, all body colors. Clean new goods, worth at least 50c. Our price per yard **32c.**

Lot 3202. Union wool ingrains, fine qualities and harmonized colored designs. Our price speaks for itself. Per yard **44c.**

Lot 3203. Fine, all-wool ingrains, body colors in green and red, with pretty floral effects. An 85c quality at per yard **56c.**

BRUSSELS CARPETS

100 ROLLS.

Lot 3203. Is a high grade tapestry Brussels. Has oak and dark red backgrounds with floral patterns in harmonizing colors to match. These are the very newest effects and could bring very easily 95c per yard. We will dispose of the entire lot at **59c** per yard.

VELVET CARPETS

Lot 3204. Only 35 rolls of a fine quality of imported velvet carpet, beautiful patterns of red, oak and green bodies with harmonizing colored designs, all new, and would be cheap at $1.45. Our figure is **93c** per yard.

AXMINSTER CARPETS

Lot 3205. About 100 rolls of Axminster carpets were secured as salvage stock. On opening same we found every yard perfect. The body colors are green, brown and red with very delicate shadings. We would be justified in asking the full retail value, $1.75 per yard, but while it lasts you can have it for **$1.05** per yard.

STAIR CARPETS

Lot 3206. Venetian stair carpet of a good quality. Correlated center with pattern edge. Makes a durable carpet for hall or stairs. Colors are green, brown or tan. 18 inches wide. Price per yard **24c.**

Lot 3207. 75 rolls of fine, all-wool stair carpet, 22½ inches wide, dark green body with blending colors, floral designs. Per yard **43c.**

Lot 3208. Hemp carpet, 36 inches wide, red or green and white mixed stripes. A very substantial floor covering. Per yard **14c.**

IN ADDITION TO ABOVE ITEMS WE HAVE ON HAND A COMPLETE LINE OF

RUGS AND CARPETS, NEW AND USED,

INCLUDING ALL THE MANUFACTURERS' SAMPLES FROM THE ST. LOUIS EXPOSITION. A LIST OF THESE MAY BE HAD ON APPLICATION.

WE SELL EVERYTHING USED IN CONSTRUCTING AND FURNISHING A HOUSE.

A SACRIFICE IN INGRAINS.

INGRAIN CARPETS.

This carpet is woven even and uniform from splendid grades of wool and cotton yarns, mixed so as to give it great strength and durability. It is extra heavy two-ply in assorted rich scroll designs, is perfectly reversible, and may be had in colors.

Lot No. S. 129. One extra superior three-ply all wool Ingrain Carpet, 13′ 6″x15′; has green background with large all over figure, blended with orange, old gold, red and black; makes a beautiful covering for parlor, dining room or any other purpose; worth $20.
Our price.....$16.50

Lot No. S. 130. One all wool Ingrain Carpet, size 15′x19′, red background with a large scroll all over figure, blended with orange, apple green and white, closely woven; worth $22.
Our price.....$17.00

Lot No. S. 133. One wool Ingrain Carpet, size 8′ 6″x11′ 6″, with red background and red scroll all over figure, blended with old gold, pea green and red. A very neat carpet for bed room or dining room.
Price $5.75

Lot No. S. 134. One new three-ply all wool Ingrain Carpet, size 9′x14′ 4″, closely woven, with green background and large all over figure, blended with red, orange and black; a very neat carpet for bed room, dining room or any other purpose.
Price $8.00

Lot No. S. 135. One handsome all wool Ingrain Carpet, size 14′x15′; extra heavy with red background, has a small all over figure. Makes a very neat carpet for parlor or dining room; worth $20.
Our price.....$15.00

Lot No. S. 136. One new all wool Ingrain Carpet, extra heavy, size 15′x18′, with tan background, with large all over floral figure, blended with green, red and tan; a very neat carpet for dining room or any other purpose; worth $22.
Our price.....$17.00

Lot No. S. 137. One new all wool Ingrain Carpet, with red background, with large all over figure, blended green and black, size 12′x10′ 6″; worth $10.
Our price.....$8.00

Lot No. S. 138. One new all wool Ingrain Carpet, green background, with a large scroll all over figure, size 9′x10′ 6″; regular price $9.
Our price.....$5.00

Lot No. S. 139. Two all wool Ingrain Carpets, sizes 10′ 6″x13′ 6″ and 12′x12′, extra heavy, new but slightly soiled, has blue background with a small all over figure; usually sold for $12.
Our price.....$6.50

UNION INGRAINS.

Lot No. S. 140. We have a quantity of these Union Ingrain Carpets. They come in red, green and tan backgrounds, with large floral figures, blended with orange, green and red. They are made of good heavy material and are closely woven and will give good service; come in sizes as follows:
9′x9′, worth $5.50; our price.....$4.50
9′x10′ 6″, worth $6; our price..... 4.75
9′x12′, worth $7; our price..... 5.50
12′x12′, worth $8; our price..... 6.50
In ordering kindly state whether red, tan or green background is desired.

GRANITE INGRAINS.

Lot No. S. 141. We have a quantity of these Granite Ingrain Carpets; they are new and come in the following backgrounds, red, green and tan, with large all over design blended with tan, black, red and old gold. A very neat floor covering for most any purpose and will give good satisfaction. Comes in the following sizes:
9′x12′, worth $5; our price.....$3.75
10′x13′, worth $6; our price..... 4.75
12′x13′ 6″, worth $7; our price..... 5.50
12′x12′, worth $6.50; our price..... 5.00

UNION INGRAIN RUGS.

Lot No. S. 242. One Hundred Union Ingrain Rugs in red, green and tan back grounds. Very neat designs made into the latest patterns, woven in one piece and are reversible. Sizes and prices as follows:
6′ x 9′ $3.25
7′ 6x 9′ 3.75
9′ x 9′ 4.00
9′ x10′ 6″ 4.50
9′ x12′ 5.50

Lot No. S. 243. Fifty Rugs, Oriental design, closely woven, very beautifully blended fast colors, come in size 3′ 8″x3′ 10″, have fringe on the edges 6″ long, can be used for floor covering or furniture covering. These came from the manufacturer's exhibit at St. Louis World's Fair. They are in perfect condition.
Price .....Each, $1.75

Lot No. S. 244. 200 Rugs, same as above, much larger size, 5′x5′.
Price $2.75

HALL RUNNERS.

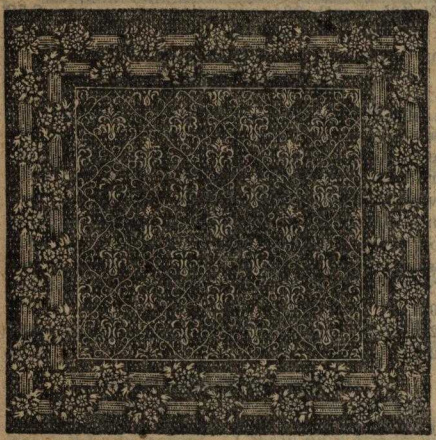
We have about 50 Hall Runners made of the same material and same designs as the above in the following sizes:
27″x 8′ $4.95
27″x10′ 7.50
36″x 8′ 7.75

Lot No. S. 132. One Kurdistan Hall Runner, 3′x9′, green background with large Oriental figure, blended with old gold, orange and pea green; worth $5.
Our price.....$4.00

Rugs and Art Squares From the World's Fair

Purchased from a leading manufacturer the entire exhibit used at the great World's Fair. They are more or less shop worn, but are all new and have never been used.

"SPECIAL BARGAIN IN ART SQUARES"



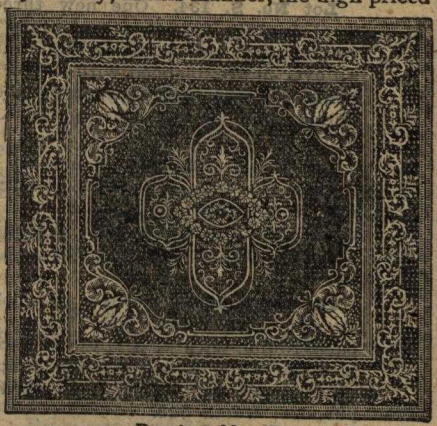
Design No. 1

THE CHEAPEST and most serviceable Rug or Art Square that is manufactured, and at prices which must suit the needs of every one, and which surpass any other floor coverings for wearing qualities.

Lot No. 1000. These goods are extra heavy Ingrains or Cotton Granites, closely woven and made in one piece with a deep fringe on two ends. The centers are either handsome scrolls or floral designs, with a deep border to correspond; some are rich, oriental medallion centers with border to match. We can only illustrate three of the patterns, but these will give you a faint idea of the designs.

These goods are not in solid colors, but in an appropriate combination of beautifully blended colorings; imitating very closely, in this manner, the high priced oriental goods. These goods are reversible, and can be used on both sides, which naturally gives you two rugs for the price of one.

At the present time we can supply any of these designs in the following combinations:—Dark green back ground, with orange and white figure; dark red and black back ground, with gold and white figure; dark blue back ground, with orange and white figure; dark green back ground, with dark red figure; dark red and black background, with light green and white figure.



Design No. 2



Design No. 3

You can get a rug large enough to cover a small room for $1.90, leaving a small border of nicely stained floor around the rug; which is far better and far cheaper than covering your entire floor with carpet, and the rug can easily be taken up and cleaned and put back again, and are therefor more cleanly and sanitary than carpets, and necessarily more free from collecting dirt and dust, so annoying to the housekeeper, and so harmful to the health. These goods are offered in sizes and prices, as follows:

9 feet x 6 feet	$1 90
9 feet x 7½ feet	2 35
9 feet x 9 feet	2 75
9 feet x10½ feet	3 25
9 feet x12 feet	3 75

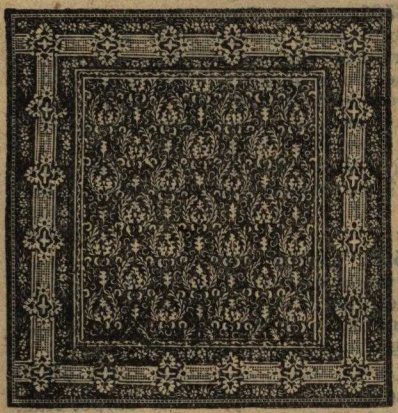
Be sure to order by Lot No. 1000.

Will be shipped from our Chicago warehouse

Rugs and Art Squares From the World's Fair

Handsome designs in fine quality, Wool Art Squares or Floor Rugs. Secured from Manufacturer's World's Fair Exhibit. All New. Some slight shop worn.

"Delmar Reversible Wool Art Squares or Floor Rugs"

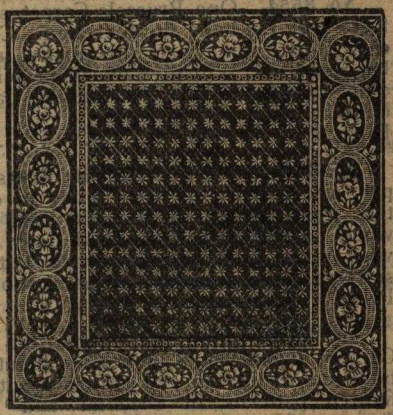


Design No. 4

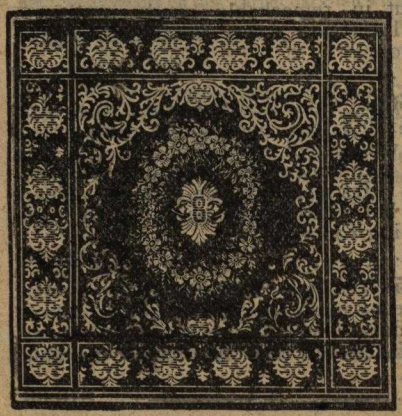
Lot No. 1020. These are entirely new rugs. These designs have never before been shown. They are made of a very closely woven fabric of cotton warp and very heavy wool filling. The colors are guaranteed to be strictly fast, and there is nothing of the kind that you can buy at twice what we are asking for these goods, and that will wear half so well. These are as heavy and as durable as the so called All Wool rugs sold usually at twice the price we are asking.

They come in an almost endless variety of colorings in handsome combinations of greens, reds, blues, and tans; and we can surely please you if you will but tell us the special combination you desire.

We illustrate just a few of the patterns, although we can please you with any others you may desire. You will notice the centers are either very handsome all-over patterns or striking



Design No. 5



Design No. 6

medallions, with extra wide border to match the centers, and very heavy fringe on two ends. They can be used on both sides, and there is nothing in a wool rug manufactured, so cheap in price or so serviceable. These goods can be had in the following sizes and prices:

9 feet x 6 feet	$ 3 30
9 feet x 7½ feet	4 05
9 feet x 9 feet	4 95
9 feet x10½ feet	5 75
9 feet x12 feet	6 60

Be Sure to Order by Lot No. 1020.

Will be shipped from our Chicago warehouse

WORLD'S FAIR RUGS AND CARPETS

No. 3550. One Moquette Carpet, size 4½x12 feet. Body colors, tan with floral design in dark brown and old gold. This is a very heavy Carpet, and although it has seen considerable wear, is in excellent condition.
Price.....**$2.50**

No. 3551. One heavy Body Brussels Carpet, size 6 feet, 10 inches by 12 feet, tan, handsome floral designs in light colors. Very suitable Carpet for most any room.
Price only.....**$4.75**

No. 3552. One extra heavy Tapestry Brussels Carpet, size 7x13½ feet; body color in dark red, with light tan figured designs. Considerably worn but still is not threadbare and will give excellent wear for a number of years.
Price.....**$4.75**

No. 3553. One Brussels Carpet, size 8½x17½ feet; body color in tan with floral figured patterns in blended colors. Good quality of carpeting and good for back parlor, dining-room or bedroom.
Price.....**$7.25**

No. 3554. One Brussels Carpet, size 9x12 feet; dark red body floral design. Considerably worn, somewhat threadbare in places but not bad. Will give excellent service for quite a while to come; is a suitable Carpet for large bedroom or rear parlor.
Price.....**$4.50**

No. 3555. One good quality Brussels Carpet; size about 9x18 feet; body in color of tan; floral design in blue, old gold and red which harmonize perfectly with body. Somewhat worn, slightly threadbare, but still a suitable Carpet for many different rooms.
Price.....**$10.00**

No. 3556. One fine Axminster Square Carpet; size 4 feet, 8 inches by about 6 feet; body colors in tan and old gold, with black figured patterns in Oriental and Persian designs. Very fine piece of goods, at a low price.....**$2.75**

No. 3557. One very fine quality Brussels Carpet, 9½x11 feet, body colors in tan, in figured designs and blended colors; border on three sides, seen but little wear. Will make a nice Carpet for any parlor or dining-room.
Price.....**$13.00**

No. 3558. One Tapestry Brussels Carpet of very good quality, size about 9½x12 feet, body colors in tan, old gold and red to match in neat figured designs; slightly worn but in good condition. We recommend it for any parlor, bedroom or dining-room.
Price.....**$13.25**

No. 3559. One Velvet Carpet, size about 8½x9 feet; body colors in dark red and green, figured all over patterns to match; border on three sides. Somewhat worn but not in bad condition, and is very cheap at.....**$12.00**

No. 3560. One Velvet Carpet Rug, size 8x11 feet; body colors in red floral designs in blended colors. Slightly worn and somewhat shaded in places; original cost must have been at least $35.00. We offer this for, **$11.00**

No. 3561. One Fine Imported Wilton Carpet, 8x10 feet. This Carpet is complete with four sides trimmed and bound; makes a handsome floor covering for any parlor. Body colors in dark red with Persian figured designs; handsome reproduction of genuine Oriental Khorovan Carpet. When new and complete with border must have originally brought $75. We recommend this as a bargain for any parlor at the very low figure of.....**$15.00**

No. 3562. One Brussels Carpet, size about 9x9 feet; body colors olive green, handsome figured designs in squares and other patterns in harmonizing colors. Very suitable Carpet for dining-room or back parlor.
Price.....**$8.50**

No. 3563. One heavy Velvet Carpet Rug, size about 9x12 feet; body colors in cream, handsome figured patterns and medallions in red and green and gold. Somewhat shaded from water, but in good condition otherwise. A very reasonable carpet at.....**$10.00**

No. 3564. One Moquette Carpet, size about 8x10½ feet; body colors in blue floral designs in blended colors, border to match. Somewhat faded but still good for many years.
Price.....**$11.00**

No. 3565. One Velvet Carpet Rug, size about 8x9 feet; body colors in tan floral designs, blended colors principally red and green. Carpet somewhat faded from water stains, but in remarkably good condition; seen but little wear; very suitable Carpet for back parlor.
Price.....**$11.50**

No. 3566. One Velvet Carpet Rug, size about 8½x10½ feet; body colors olive green and tan with small medallion patterns. Is complete with four sides of border in colors to match. Has seen little use, is slightly faded in places, but still a handsome Carpet for parlor or dining-room.
Price.....**$11.00**

No. 3567. One Moquette Carpet, size about 8 feet 3 inches by 10 feet; body colors in tan floral designs in blended colors. Slightly faded but nap is intact. Suitable
Price.....**$10.00**

Our vast Chicago warehouse contains merchandise of every description. Catalogues sent on application

ODD RUGS AND CARPETS

No. 3568. One Union Ingrain Carpet, size 10½x12 feet; was worn only about two weeks. Body color in combination of dark red, olive green and tan; in very neat floral designs. A very appropriate floor covering for bedroom.
Price.....**$6.50**

No. 3569. One Carpet, same as above, except size, which is 12x15½ feet.
Price.....**$8.50**

No. 3570. One very neat pattern of good grade Ingrain Carpet, size 12x13½ feet; suitable for any large bedroom or back parlor. Body colors red squares alternating with Nile green. Good heavy floor covering.
Price.....**$8.50**

No. 3571. One Ingrain Carpet, size 12x16½ feet; body colors dark red floral designs in green and lighter shadings
Price.....**$8.75**

No. 3572. One Carpet; quality and pattern same as above. Size 10½x12 feet.
Price.....**$6.50**

No. 3573. One Velvet Carpet, size about 9 feet 10 inches, by 11½ feet. Body colors olive green with medallion patterns in red and old gold. Slightly worn but still in good condition and we can recommend this for use in any parlor.
A bargain at.....**$15.00**

No. 3574. One Body Brussels Carpet, size 8¼x10¼ feet. Body colors in royal shade of red and tan; has handsome Persian design; an imitation of genuine Oriental Rug. The Carpet has only been slightly worn and wear cannot be detected; complete on all sides.
We quote this at the very low price of.....**$12.50**

No. 3574½. One Body Brussels Carpet, size 8 feet 4 inches by 10¼ feet. In same condition as preceding article. Body colors on this carpet dark tan with black Persian designs, imitation of original Oriental Rug.
Price.....**$12.00**

No. 3575. One fine imported Velvet Carpet, solid body colors with medallion center in red and royal blue; imitation of Persian design of rare value. Carpet has been slightly worn but still is in perfect condition, only defect showing is one small spot which is slightly torn and extends only 1½ inches; this cannot be detected. Price of this excellent carpet is only.....**$13.50**

No. 3576. One very neat Body Brussels Carpet, size 8 feet 4 inches by 10 feet 4 inches. Body colors in refined shade of tan, beautiful Persian design, principally royal blue to match. Slightly worn but still good for a great number of years. A good floor covering for any parlor or dining-room.
Price.....**$12.00**

No. 3577. One imported Body Brussels Carpet Rug, size 8¼x10¼ feet. Body colors in royal shade of red with Persian patterns and blending colors, principally old gold and Nile green. Carpet complete with border. An excellent bargain at.....**$13.75**

No. 3578. One Velvet Carpet Rug, size 10x11½ feet Body colors dark red with border effect, regulation width, blended colors of red and old gold. Somewhat worn but still in very good condition. This would make suitable covering for any parlor.
Price.....**$14.00**

No. 3579. One all-wool Ingrain Carpet, size 12x12 feet. Body colors in delft blue with very neat all-over patterns in royal blue which harmonize with body. The Carpet is brand new and a suitable floor covering for any room.
Price.....only, **$10.75**

No. 3580. One Carpet same as above, size 10½x12 feet.
Price.....**$9.50**

No. 3581. Four Roxbury Velvet Carpets, size about 9x12 feet. Body colors in dark red with neat floral designs in blending colors of Nile green and old gold. Would make a handsome floor covering, suitable for any parlor.
Price.....each, **$13.50**

No. 3582. Three beautiful Axminster Rugs, size 9x12 feet. Body colors in dark red, old gold and Nile green, in perfectly blended patterns. These are excellent values and we quote them at a remarkably low figure for such Rugs.
Price.....each, **$22.00**

No. 3583. Several samples of genuine American Crex Floor Covering or Matting. Same is made of finest timothy dried grass, grouped by chains and well bound, in a heavy cotton warp; is sold under a guarantee to last a lifetime of ordinary use. We secured many samples of this material, which would be suitable for door strips, hall strips, stairs, etc. They range in width from 12 to 18 inches and in lengths from 1 to 5 yards.
Per running yard.....**$0.12**

No. 3584. 400 yards of exceptionally heavy Cocoa Matting of 4½-yard widths. Same was used on floor of Brazilian Building, but the usage it sustained was so trifling that it is difficult to tell this Matting from an article just out of the mills. It is material that will sell or retail for at least 85 cents per running yard. Our price on this article will be
Per running yard of 4½ foot width.....**$0.50**

Our Carpet and Rug Stocks are being constantly added to. Write for our latest lists

THESE PRICES WILL ASTONISH YOU

It Would be Considered Extravagance to Possess These Rugs at Regular Prices.

TAPESTRY BRUSSELS CARPET.

Lot No. S. 120. They are made up in red, green and tan backgrounds; in floral designs, all wool nap, closely woven. Appropriate for dining room or any other purpose. Come in the following sizes:

4'x8', worth $5; our price..... $ 3.50
7' 6"x9'10", worth $10; our price..... 8.50
11'x12' 6", worth $20; our price..... 15.00
11' 3"x16' 9", worth $25; our price.... 20.00
11'x17' 6", worth $26; our price..... 21.00
11'x13', worth $20; our price..... 16.00
11'x14' 6", worth $20; our price..... 16.50
12'x12' 6", worth $19; our price..... 15.50
13'x15', worth $25; our price..... 20.00
14'x13' 6", worth $21; our price..... 17.50
12' 4"x16', worth $27; our price..... 22.00

Lot No. S. 121. 100 Brussels Rugs with a 22" border all around, comes in red background with a small all over figure; they are all wool nap, in fast colors. These rugs come in the following sizes:

8'x10' 4", worth $15; our price..... $12.00
9'x11' 5", worth $16; our price..... 13.50
8'x12', worth $16; our price..... 13.25
9'x12', worth $17; our price..... 14.00

Lot No. S. 149. One new Tapestry Brussels Rug, size 9'x12'; has red background with a large green medallion center with large floral figure all around, closely woven and all wool nap; worth $20.
Our price..... $16.00

WILTON VELVET RUGS.

Lot No. S. 268. Two hundred Velvet Rugs, medallion centers, 27"x56", closely woven and floral figures blended with old gold, red and green; makes a pretty rug for most any purpose.
Price $1.65

Lot No. S. 148. One new Wilton Velvet Rug woven in one piece, has green backgound, large medallion center with large scroll figure, blended with pea green and black. A splendid floor covering for parlor or library; worth $28.
Our price..... $22.00

Lot No. S. 152. Six new Wilton Velvet Rugs, size 9'x12', closely woven, in red and green backgrounds. Have beautiful medallion centers, very neat floral figure all around. A handsome floor covering for dining room or any other purpose; worth $28.
Our price..... $20.00
In ordering kindly state background desired.

Lot No. S. 155. One Wilton Velvet Rug, size 9'x12'; blue background with small all over figure, blended with olive green, red, old gold and tan. A very rich floor covering for parlor or library; regular price $25.
Our price $20.00

SAXONY VELVET RUGS.

Lot No. S. 123. One Saxony Velvet Rug, 22" border all around, large Oriental figure with Terra Cotta background, with a mixture of old gold, olive green, blue and black; makes a very neat rug for parlor or dining room; worth $35.
Our price..... $29.50

Lot No. S. 126. One Velvet Rug, size 3' 9"x9'. This rug is slightly soiled, but still in good condition and will wear for 8 or 10 years; will do for hall runner or most any other purpose; worth $6.
Our price..... $4.50

RANGPHUR SMYRNA RUGS.

Lot No. S. 117. We have about 400 Smyrna Rugs. We make the claim that this is the largest and finest collection of Rangphur Smyrna Rugs ever exhibited in Chicago. The richness, beauty and practical utility, the artistic designs and colors most strongly appeal to the American taste. These come in two colors, red background and green background. Most of them have medallion centers—very neat patterns with a large center figure and border woven all around. These rugs are woven one piece and are reversible. Kindly state what color of background is desired, whether red or green. Before furnishing a home or hotel get in touch with us—we can fix you out complete with everything in rugs and carpets. These come in the following sizes:

6'x9' $4.90
7' 6"x10' 7.50
9'x12' 9.50

Lot No. S. 118. We have about 500 Cashmere Rugs. These rugs are closely woven, are made of wool and are reversible, which makes two rugs in one; come in assorted pattern, red, green and terra cotta; fine heavy grade material, guaranteed fast colors and come in following sizes:

7' 6"x9' ..... $ 5.75
9'x10' 8.75
9'x12' 10.00

SUPERIOR RUGS.

Lot No. S. 153. Three new Superior Rugs, size 9'x12' extra heavy nap, high pile, closely woven, blue background with medallion center and large floral design; worth at least $30.
Our price..... $24.00

RECORD BREAKING SALES.

Words Cannot do Justice to the Beauty of the Stock, Nor Lowness of the Prices

AXMINSTER RUGS.

Lot No. S. 144. 100 new mill-end Axminster Rugs, size 9'x12'; these rugs are closely woven, high pile, have border on two ends; they come in three patterns; red, green and tan backgrounds; have very neat floral figures, regular price on these rugs would be $27.50. Owing to the fact that rugs have border on two ends only, we will make you a
Price of.....**$16.50**

Lot No. S. 145. 12 new Axminster Rugs, size 9'x12', have red and green backgrounds with interwoven border and a small all over figure, blended with pea green, orange and blue; is closely woven, high pile; a very neat rug for parlor; regular price $25.
Our price.....**$20.00**
In ordering kindly state whether red or green background is desired.

Lot No. S. 146. One new 9'x12' Axminster Rug with green background and a large all over figure, blended with Terra Cotta, tan and old gold. Closely woven, heavy nap; this makes a splendid covering for any room; worth $27.
Our price.....**$22.00**

Lot No. 147. Three new superior Axminster Rugs, 9'x12', extra heavy nap, closely woven, with green background with large medallion center figure and beautiful floral design. An elegant rug for parlor or any other room; worth $30.
Our price.....**$24.00**

Lot No. S. 156. One Axminster Rug, size 9'x12', has tan background very closely woven nap, high pile, medallion center figure, interwoven border surrounded with a large floral figure. This makes a beautiful floor covering for parlor or library; worth $30.
Our price.....**$23.00**

Lot No. S. 157. One Axminster Rug, size 9'x12', with red background and large medallion center with interwoven border, surrounded with large floral figures; has a closely woven nap with high pile. A splendid rug for library or dining room; worth $29.
Our price.....**$22.50**

Lot No. S. 158. Two new Smith's Axminster Rugs, size 9'x12', with red background, closely woven, high pile, Oriental design, blended with all the latest colors to harmonize with the Oriental rugs. These are copied from Oriental rugs which cost $2,000.
Price .....each, **$23.00**

Lot No. S. 154. Two Axminster Rugs, size 8' 3"x10' 6", with red background and large medallion center and large scroll figure interwoven border, shaded with old gold tan, and black. It is a very beautiful rug for most any purpose; worth $25.
Our price.....each, **$18.00**

Lot No. S. 151. Three new superior Axminster Rugs, size 8' 3"x10' 6", has tan background with a beautiful red large medallion center, with floral figure all around; a very heavy nap and closely woven; worth $30.
Our price.....**$22.00**

ROYAL AXMINSTER RUGS.

Lot No. S. 250. These rugs are made of fine worsted yarn and come in beautiful colorings both in floral and geometrical designs; are made in one piece, no seams and warranted to give perfect satisfaction as to wear and holding color. They are made in the following sizes:

27"x56"	$ 2.00
3' x5'	3.50
9' x10'	19.50
9' x12'	23.50

Lot No. S. 125. One Brussels Rug, 22" border all around, size 6'x11' 3", blue background with large floral figure with mixture of tan and olive green. A very neat rug for an office. It is slightly soiled, but still in good condition and will wear for years; worth $12.
Our price.....**$9.00**

Lot No. S. 150. Three new Tapestry Brussels Rugs, size 9'x10' 6", has red and green background and medallion center and a large all over figure blended with olive green, red, orange and tan colors. A very neat rug for most any purpose; worth $15.
Our price.....**$11.00**
Kindly state color of background desired when ordering.

Lot No. S. 142. One new Tapestry Brussels Rug, size 8'x10', medallion center, has red background and very neat floral figure; makes a very neat rug for dining room, bed room or parlor; worth $15.
Our price.....**$12.50**

Lot No. S. 143. One new Tapestry Brussels Rug, closely woven nap, tan background, medallion center, large floral figure, a beautiful rug for parlor; worth $20.
Our price.....**$15.00**

Lot No. S. 122. One Tapestry Brussels Rug, size 10' 6"x13' 6", with a woven border, has a tan background and a large medallion center and a beautiful figure with floral design shaded with pea green, old gold, pink and red; makes a very neat rug for parlor, dining room or any other purpose; worth $25.
Our price.....**$20.00**

OUR PRICES ARE THE LOWEST EVER OFFERED

For Rugs and Carpets of Merit and Quality.

KURDISTAN RUGS.

Lot No. S. 119. 500 Kurdistan Rugs secured from the Oriental Rug Exhibit, St. Louis World's Fair, where most of them were used on the exhibition racks. They are composed of hard granite fabric, have a native Amsterdam Ingrain or granite weave. They are reversible and closely woven through and through; they come in a combination of colors, red, green and tan. They represent all the modern and antique patterns and will make a floor covering that will last a lifetime. They come in the following sizes:

6'x 9', worth $9; our price..... $ 7.50
8'x 9', worth $12; our price..... 10.00
9'x10', worth $15; our price..... 12.00
9'x12', worth $16; our price..... 13.00

GRANITE ART SQUARES.

Lot No. S. 128. We have 500 of these Granite Art Squares. They are the most serviceable reversible Art Squares that are manufactured and the prices will suit the purse of every one. They surpass any other floor covering for wear and quality. These goods are extra heavy ingrains, made in one piece with deep fringe on two ends, and with a deep border to correspond. Some have rich Oriental medallion centers with border to match. These goods are not in solid color, but are of a beautiful blended coloring, imitating very closely in a manner the high priced goods. They come in the following sizes:

6'x9', worth $3; our price..... $1.95
7' 6"x9', worth $3.50; our price..... 2.45
9'x9', worth $4; our price..... 2.85
9'x10' 6", worth $5; our price..... 3.45
9'x12', worth $6; our price..... 3.90

INGRAIN ART SQUARES.

Lot No. S. 127. 500 Ingrain Art Squares; they are reversible and can be used on both sides. The designs, which have never before been shown, are made with very closely woven fabric, cotton warp and very heavy wool filling; colors are guaranteed to be strictly fast. These are as heavy and durable as the so-called all wool rugs that are sold at twice the price we are asking. They come in very beautiful designs, most of them have medallion centers; red, green and tan background. In ordering kindly state color of background desired. They come in the following sizes:

6'x9', worth $5; our price..... $3.50
7' 6"x9', worth $6; our price..... 4.25
9'x9', worth $6; our price..... 4.25
9'x10' 6", worth $9; our price..... 5.90
9'x12', worth $10; our price..... 6.90
12'x12', worth $12; our price..... 9.25

SAXONY WOOL RUGS.

Lot No. S. 251. This rug is practically a new weave on the market and is guaranteed to give absolute satisfaction as to wear and color. They are made of wool in fine medallion patterns in a very rich line of colors, such as 2 toned green, 2 toned red, red and green and red and oak. Also in beautiful wood colorings. They are made in the following sizes:

6'x9' $4.50
9'x8' 6.00
9'x10' 7.50
9'x12' 9.50

SMYRNA RUGS.

Lot No. S. 252. We have fifty mottled Smyrna Rugs, size 16"x36"; they the reversible and brand new.

Price, each 45c

BATH RUGS.

Lot No. S. 253. We have fifty Bath Rugs, size 32"x32"; very neat design, closely woven. They come in white and green, inter woven border; very beautiful effect for bath room or any purpose, regular price $1.75.

Our price $1.00

Lot No. S. 254. One Thousand Bath Rugs, reversible, size 27"x48"; these rugs are closely woven made of best material and fast colors; have inter woven border all around with small all over oriental figure; they are good values at $1.75 each.

Our price $1.15

Lot No. S. 255. Twenty-five extra large Bath Rugs, size 36"x62"; have beautiful oriental designs, closely woven, inter woven border; very neat oriental figure all around. We bought these rugs at the Manufacturer's Exhibit, St. Louis. They come in different patterns. Regular values $3.50.

Our price $2.25

AFGHAN RUGS.

Lot No. S. 256. We have fifty imitation Afghan Rugs, bought at Assignees sale, both sides alike, fringe on the edges, inter woven border on both ends. Heavy all wool material. This makes a very durable rug for most any purpose. Size 27"x54", good values at $2.50.

Our price $1.65

NAVAJO SMYRNA RUGS.

Lot No. S. 267. Fifty Navajo Smyrna Rugs; they are very closely woven, made of all wool and very neat Indian designs, both sides alike. Have fringe on both ends. Come in the following sizes in blended colors of red, green and old gold. Makes a very neat rug for most any purpose.

30"x60" $2.85
30"x72" 4.25

SOME ASTOUNDING BARGAINS IN FLOOR COVERINGS.

It is a Waste of Money to Buy From Regular Dealers, When You Can Get Such Qualities at the Prices Quoted Here.

WOOL SMYRNA RUGS.

Lot No. S. 272. One hundred Wool Smyrna Rugs, fringe on both ends, size 26"x54"; come in beautiful medallion centers, floral design blended with old gold, red, green and orange. Makes a beautiful rug for most any purpose. Price, each **$1.50**

Lot No. S. 273. One hundred Rugs, same as above, size 60"x60".
Price **$1.85**

AMERICAN ORIENTAL RUGS.

Our American Oriental Rugs are exact copies in every particular of the finest genuine oriental rugs brought into this country, the originals of which cost thousands of dollars. We have them represented in Persian, Turkoman, Afghan and Caucasian Weaves. These rugs are made of the finest wools and nothing but vegetable dyes are used, assuring good wear and the holding of color. They come in the following sizes:

27"x56"	**$3.75**
36"x5'	**4.50**
4' x 6'	**7.50**
9'x10'	**28.00**
9'x12'	**32.50**

TAPESTRY MUYTER RUGS.

Lot No. S. 269. Twelve Tapestry Brussels Muyter Rugs, size 42"x42".

Six Muyter Rugs come in red back ground and small all-over figure, blended with green, old gold and orange.
Price **$1.50**

KASHKOI SMYRNA RUGS.

Lot No. S. 270. Fifty Kashkoi Smyrna Rugs, size 28"x58", with fringe on both ends; comes in beautiful blended colors with mixture of green, red and old gold. Are reversible. Price, each **$1.25**

Lot No. S. 271. Fifty Rugs, same as above, 36"x72". Price, each **$1.75**

ROYAL WILTON CARPETS.

Lot No. S. 124. We have a quantity of Scotch Royal Wilton Carpets woven in one piece, no seams, closely woven, manufactured by Crosby of Scotland; they are bound on two sides; they are in solid Chocolate Brown color only, and come in the following sizes:

4' 6"x6', worth $4; our price	**$ 3.00**
7'x9', worth $8; our price	**6.00**
7' 8"x8' 5", worth $9; our price	**6.50**
9'x12', worth $15; our price	**12.75**
8' 8"x14', worth 16; our price	**13.50**
12'x14', worth $20; our price	**16.50**
11'x15', worth $20; our price	**16.50**
7' 8"x18', worth $20; our price	**16.00**
8'x20', worth $24; our price	**19.50**
12'x10', worth $21; our price	**17.50**

SAXONY VELVET CARPET.

Lot No. S. 109. 100 yards of Saxony Velvet Carpet, 27" wide, very closely woven, has a very neat figure; oriental design blended with red, old gold, orange and blue; makes a very neat carpet for parlor, dining room or any other purpose; worth $1.25 per yard.
Price ..... per yard, **90c**

GLENROSE VELVET CARPET.

Lot No. S. 107. We have 51 yards of Glenrose Velvet, 27" wide, very closely woven and has very neat floral figure, artistic design, shaded with apple green and black; very neat for parlor or any other use; worth $1.25 per yard.
Price ..... per yard, **90c**

TAPESTRY BRUSSELS CARPET.

Lot No. S. 110. About 50 yards of Tapestry Brussels Carpet with red background, small all-over figures, with mixture of old gold, red and black; will match most any kind of carpet; made of heavy grade, closely woven all wool nap, 22" wide, worth 75c per yard.
Price ..... per yard, **65c**

Lot No. S. 108. 100 yards of Tapestry Brussels carpet, interwoven border on each end, 27" wide, the body color is red blended with black, with a small figure; the border is in old gold, green and brown; a very beautiful carpet for hall or stairs; worth 95c per yard.
Price ..... per yard, **75c**

Lot No. S. 116. 100 yards Brussels Carpets slightly shop worn, 27" wide, come in assorted colors—red, green and tan; most of these have floral design, all wool nap and some of them have small all-over figures; worth 45c per yard.
Price ..... per yard, **30c**

HALL OR STAIR CARPET.

Lot No. S. 114. 15 yards of all wool stair or hall carpet, green background, small all-over figure, blended with red. This piece is selvage edge on one end, 22" wide; worth 45c per yard.
Price ..... per yard, **35c**

Lot No. S. 115. 100 yards Stair Carpet, slightly shop worn, all wool with a cotton warp, 22" wide. Comes in assorted colors—green, tan and red; worth 35c per yard. Price ..... per yard, **25c**

Lot No. S. 111. 100 yards Stair or Hall Carpet with red background and small all-over figure, blended with black and white, makes a very neat carpet for Stair or Hall; 22" wide; worth 40c per yard.
Price ..... per yard, **32c**

Lot No. S. 113. 20 yards of all wool stair or hall carpet, red background, small all-over figure, blended with Terra Cotta, a very neat design, heavy grade, closely woven and is 22" wide; worth 55c.
Price ..... per yard, **45c**

DOMESTIC ORIENTAL RUGS

The Egyptian Rug Exhibit on the Exposition grounds surpassed everything in magnitude in regard to floor coverings that had ever been presented. We find on examination that the majority of these samples which we secured are worthy of description, especially Rugs in various Oriental colors, with Egyptian and Persian figures and squares, representing historical events in the Far East, as the reader who is well up in Oriental history knows that all historical events of the Far East are represented on the Egyptian and Persian Rugs. All these Rugs are made of pure white, long staple wool, and nothing but the purest vegetable dyes were used in coloring same. The Egyptian Rugs differ slightly from the Persian, inasmuch as they are woven on one side and are reversible. There are so many combinations of colors and styles of these Rugs that space will not permit of all being described, and if you should order, kindly mention the combination of colors and the style Rug you desire and we will endeavor to fill your order to your entire satisfaction. Sizes and prices as follows:

Lot No. 3208. 27x56 ..... **$3.75**

Lot No. 3209. 3x 5 ..... each, **$ 4.25**

Lot No. 3210. 4x 6 ..... each, **7.75**

Lot No. 3211. 9x12 ..... each, **29.50**

SMYRNA RUGS

There were also hundreds of small and large-size Smyrna Rugs. The many patterns include different combinations of colors, some in modern effects with figured and medallion centers; others in Egyptian and Persian squares. They are handsome, durable floor coverings, suitable for parlor, bedroom or dining-room. They represent a high quality of the makers' art and were constructed for the inspection of critics from all over the world.

The patterns include Royal Smyrna Rugs, Parisian and genuine Orleans patterns.

It is well nigh impossible for us to give correct descriptions of the articles which our lists contain, but will state that some have medallion centers, some squares, others in finely blended colors. Some of the patterns have medallion centers as well as animal patterns. Sizes and prices as follows:

No. 3212. 30 x50, neatly fringed **$1.50**

30 x60 ..... **2.05**

6 x9 feet **4.75**

7½x10 or 10½ **7.25**

9 x12 ..... **9.25**

In addition to these we have 9x12 Smyrna Rugs that have seen some floor service during the Exposition period. We offer these at ..... each, **$8.50**

PURE ARABIAN WOOL SMYRNA RUGS

No. 3213. In 30x60 inch sizes. We were very fortunate in securing about 20 of these Arabian Rugs from the Arabian village at the Exposition. They were used as samples of the handiwork of these tribes. In both modern and antique designs, beautiful blended colors. We would particularly recommend these articles as being of most excellent merit. This particular pattern is not very well known in this country as they are not made for importation, being the products of certain Arabian tribes. These followers of the wind-swept deserts were induced to come here to the St. Louis Exposition, and they made arrangements to bring samples of their handiwork with them. They are very beautiful floor patterns and exceptional bargains at the price asked for them.

Each **$3.75**

KURDISTAN RUGS

Secured from the Oriental section of the Rug Exhibit. Many of these patterns were used on the exhibition rack. Many of the others were used on the floors. The material of which they are composed is a hard granite fabric, has native Amsterdam ingrain or granite weave. They are reversible and closely woven through and through. They come in combinations of colors; one side green, the other red, also in combinations of other colors, red and olive green. We understand them to have been made from scoured wool and cotton of Persian extraction. They represent all modern and antique patterns and make a splendid floor covering for either dining-room or bedroom; the smaller ones being suitable for ornaments in parlors. Sizes and prices as follows:

No. 3214. 3x5 ..... **$ 3.25**

9x12 ..... **14.00**

6x9 ..... **6.75**

No. 3215. One beautiful Oriental design of Axminister Rug, coming from Reception Room of Oriental Temple of Palmistry, and is supposed to have been imported direct from Teheran. The design is a beautiful large medallion and all-over Persian effect, embodying alternating backgrounds of individual medallions of cream color, tan color and then old gold; all other possible combinations of Oriental colors are represented thereon. The value of such a Rug, considering the slight amount of service it sustained, should be at least $75.00.

We list it at **$30.00**

LINOLEUMS, OIL CLOTHS, MATTINGS

Two carloads of the above items secured in Exposition Building storerooms, invoiced and offered for sale by us

AT PRICES ACTUALLY LOWER THAN THE COST

of the raw material. All new, clean goods. Send in your order before these goods are all disposed of.

Lot 3506. Linoleum of a good weight, fancy mosaic and medallion patterns, only 25 Rolls.
Price.....per square yard, **31c**

Lot 3507. Grade E, fine quality, mosaic, tile and granite effects, 50 rolls.
Price.....per square yard, **33c**

Lot 3508. Grade D, an extra heavy weight, attractive patterns. A 60c article. 32 rolls.
Our price.....per square yard, **40c**

Lot 3509. A new and novel combination of semi-granite Linoleum in a super weight, D grade, and which we have in several patterns. 25 rolls of this splendid material.
Price.....per square yard, **50c**

INLAID LINOLEUMS

Lot 3512 represents a very fine grade of an inlaid pattern in a standard weight. Several oriental mosaic and granite designs.
Price.....per square yard, **82c**

Lot 3513. Very finest grade of standard Linoleum in tile and mosaic patterns.
Price.....per square yard, **93c**

OIL CLOTH

Lot 3515. A superior quality of floor oil cloth, various patterns and colors.
Price.....per square yard, **19c**

Lot 3516. Tile pattern oil cloth, very finest grade. A remarkable value for our low figure.
Price.....per square yard, **24c**



Lot 3525. A good heavy grade of China matting, fiber warp, red and green patterns.
Price...per yard, 12½c

Lot 3526. Jointless China pattern, red or green body, neat figured designs.
Price.....per yard, **15c**

Lot 3527. Fine China matting in brown, green, or bamboo designs.
Price.....per yard, **19c**

Lot 3528. Japanese matting, cotton warp, close weave, plain or stripe design.
Price.....per yard, **22c**

Lot 3529. Handsome Jap. matting, mosaic or natural bamboo patterns, beautiful designs.
Price.....per yard, **26c**

THE ABOVE ARE BUT A FEW OF MANY BARGAINS

LINOLEUMS

Among the various lots of Linoleums secured from so many different points on the Exposition grounds, are a few worthy of special mention.

No. 3510. Includes about 16 rolls, in 2-yard widths. This Linoleum is in an ox-blood shade, or granite. It is a genuine Edinburg material which denotes finest quality of Semi-Scotch Linoleum sold. Some of this had been used, but a majority of it had never been laid on floor; makes a handsome floor covering, suitable for store, office or home.
We price it at.....per square yard, **$0.82**

No. 3511. Included in the above lot were a number of rolls of semi-Mosaic tile pattern of Inlaid Linoleum. This is an exceptionally flexible piece of material and is almost rendered impervious to heat or cold owing to the quantity of oil used in its manufacture. Colors run in a butterfly brown and bird's-nest background, with regulation semi-Mosaic and tile pattern.
Price.....per square yard, **$0.75**

No. 3512. Includes about 7 rolls of 2-yard wide Inlaid Linoleum, somewhat similar to above. Had been used during Exposition period, but is in excellent condition.
Price.....per yard, **$0.70**

No. 3513. Includes many small pieces of Linoleum, majority of them being 2 yards wide and averaging in lengths from 1 to 8 yards. Material is all of the inlaid pattern; includes the different designs, tiles, solid colors, etc. Owing to the fact that these pieces are valueless to anyone except when used for a special purpose, we quote them at an exceptionally low price of
Per square yard.....**$0.65**

The above mentioned remnants will average from 3 to 15 square yards to the piece.

No. 3514. Several rolls of the vast Exposition stock of new and used Linoleums yet remain on our hands. To close these out we offer very fine print Linoleum with heavy body; it is the double D grade; all fancy floral, tile and imitation oak patterns. Comes in 2 yard widths.
Price.....per square yard, **$0.38**

OIL CLOTHS

No. 3517. A vast quantity of Oilcloth secured from Commissary department store room, include a variety of beautiful semi-Mosaic, tile and floral and many other designs. Comes in 1 and 1½ and 2 yard widths, all in good condition. This makes a splendid floor covering and considering the circumstance, we offer it at far below even the mill price on same.
Price.....per square yard, **$0.22**

No. 3518. About 8 rolls of genuine American Oilcloth, includes all the finest grades of same obtained in the above assortment and thoroughly overhauled and we can certainly vouch for its first-class condition.
Price.....per square yard, **$0.25**

No. 3519. Includes a variety of remnants in Oilcloth, including pieces containing from 2 to 12 square yards. All in fair condition.
Price.....per square yard, **$0.20**

STRAW MATTING

No. 3529. Every yard of Straw Matting used in the great Exposition at St. Louis came into our possession at the close of the Fair. Much of this material is of such an excellent nature that our workmen in their dismantling operations came across strips 40 and 50 yards long and these were removed from the floors and of the majority of these strips, the removal process has not injured the material in the least. Of course it shows the slight usage that it received in its six months' use in dirt and dust to a slight extent, but otherwise with a little cleaning, matting is just as perfect as when it was originally laid. It comes in a large assortment of China patterns, including cross stripes of various colored designs. All has been grouped into a single lot and listed at...per yard, **$0.14**

No. 3530. Over 2,500 yards of Cocoa Matting or Hall Carpeting secured from all the different above-mentioned buildings; same has been thoroughly renovated and is in excellent condition. Comes in 22-inch widths and in strips varying from 2 to 15 yards long. It is material the very finest of its kind and would retail for from 20 to 40 cents per yard. We group all the several qualities in one lot at
Price.....per square yard, **$0.37**

No. 3531. 400 yards of Cocoa Matting in dark and light stripes alternating; comes in one yard widths; is slightly water stained at one end.
Price.....per running yard, **$0.40**

No. 3532. Includes all the remnants in Straw Mattings received from the great Exposition grounds. Many pieces are included in this lot averaging from 1 to 3 yards in length.

From 1 to 2 yard lengths.....**$0.10**
" 2 " 3 " " ..... **.15**
Pieces under 1 yard..... **.05**

WHITE DUCK UNIFORMS

Coats—Trousers—Cap

No. 3535. 150 White Duck Coats, all extra fine quality material, suitable; for waiters; all different sizes. In perfect condition; except for being slightly soiled are same as new.
Price.....each, **$0.50**

150 white Duck Trousers, all sizes and lengths; make handsome dress Trousers for summer resorts or outing purposes. Perfectly clean and in good condition throughout.
Price.....each, **$0.75**

150 Caps in white duck, very neat corded ribbon in black running around crown and neat black enameled visors. All in good order, all sizes.
Price.....each, **$0.25**

100 White Duck Skull Caps, clean and new; have never been used.
Price.....each, **$0.05**

WAITERS OR TRAYS

No. 3540. 75 round Japanned Trays, newly painted black, 12 inches in diameter, good condition.
Each.....**$0.05**

Dishes of all kinds including wash bowls, pitchers, cups and saucers, in fact anything in the crockery line. Let us send you our special list.

BARGAINS IN LINOLEUM AND CHINESE MATTING

We Obtained this Elegant Assortment at Receivers' and Manufacturers' Sale.

LINOLEUMS AND OIL CLOTHS.

Through the misfortune of one of the largest and best manufacturers in the country, we were able to obtain this choice stock of Linoleum, at almost less than cost. The makers name is recognized everywhere as the "Standard of excellence." All the patterns are exceptionally handsome, and will wear a life time. The prices quoted here, when quality is considered could not be attempted by any other house in America.

We can furnish you samples on application; or if you will leave the selection to us we will fill order to the best of our ability, which we are sure will give entire satisfaction. It will be well to take advantage of this offer at once as the stock is limited and will be rapidly cleared out.

Lot No. S. 257. Five hundred yards of heavy grade Linoleum in solid brown color, comes in 2 yard widths, regular price 75c per yard. They have been used, but in good condition.
Our price, per yard **38c**

Lot No. S. 258. One thousand yards of Granite Inlaid Linoleum; these are perfect goods; they come in 2 yard widths with very desirable colorings in red and green.
Price per square yard **74c**

Lot No. S. 259. Five hundred yards of extra heavy and oiled in a sufficient manner to make it last a lifetime. Will be appropriate for any purpose; come in Mosaic and Tile patterns.
Price per square yard **84c**

Lot No. S. 260. Five hundred yards of extra heavy inlaid Linoleum, same as above but of heavier weight, 2 yard widths.
Price per square yard.....**95c**

Lot No. S. 261. One thousand yards of printed Linoleum, comes in Tile and imitation oak floor patterns, made of good heavy material and have oiled backs; comes in 2 yard widths, worth at least 60c per yard.
Our price per yard **33c**

Lot No. S. 262. Two thousand yards of heavy grade D. Linoleum, neat designs, squares, tiles and all other imaginable patterns; comes in 2 yard widths.
Price per square yard **40c**

Lot No. S. 263. Five hundred yards of extra heavy grade printed Linoleum; comes in appropriate scrolls and tiles, blending colors; 2 yard widths; can furnish any quantity.
Price per square yard **45c**

OIL CLOTHS.

Lot No. S. 264. One thousand yards of oil cloth, heavy grade, many beautiful colors, light and dark as desired; comes in 1, 1¼ and 2 yard widths; price per square yard, 21c.
Extra heavy, per square yard.....**23c**

In quantities of full rolls we make a reduction of 1c per yard.

CHINESE MATTING.

These goods are the product of the best foreign manufacturers, and are made in unexcelled, up-to-date, popular patterns. The quality is high grade, extra well made, clean, sanitary, and very durable. This matting could not be bought anywhere else for the prices quoted here.

Lot No. S. 100. 300 yards of Cocoa Matting, plain colored, closely woven, 36" wide, brand new goods, made of the finest grade of Cocoa.
Price .....per yard, **45c**

Lot No. L. 101. 300 yards the same as above with a red stripe running all the way through worth 65c per yard.
Our price .....per yard **50c**

Lot No. S. 102. 500 yards of medium grade of Chinese Straw Matting brand new 36" wide, runs in colors of red, green and white; worth 20c per yard.
Price .....per yard **13c**

Lot No. S. 103. 500 yards of Chinese Straw Matting in a combination of colors, red, green and white; are closely woven; worth 22c per yard.
Price.....per yard **18c**

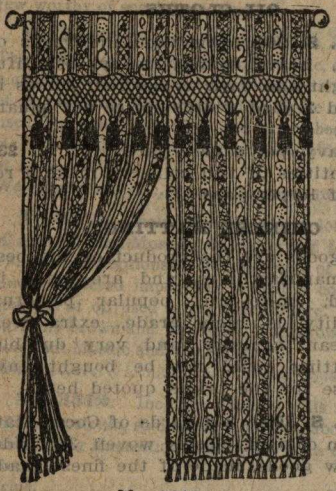
Lot No. S. 104. 200 yards of Chinese Straw Matting of a much heavier grade; closely woven and brand new, 36" wide; worth 30c per yard.
Price .....per yard **23c**

Lot No. S. 105. 300 yards of Japanese Straw Matting, a very neat design and mixture of red, green and white, 36" wide; worth 22c per yard.
Price.....per yard, **18c**

Lot No. S. 106. The same as above, but much heavier and more closely woven, floral figure, 36" wide; worth 40c per yard.
Price.....per yard, **33c**

Lot No. S. 245. 100 Japanese Straw Rugs in floral designs, 36x72"; they come in beautiful patterns, interwoven border all around with a neat center figure. They came from the manufacturer's exhibit, St. Louis. They are in perfect condition; worth $1.25.
Price .....each, **95c**

PORTIERES



No. 3115.

The accompanying illustrations portray the particular styles represented in a quantity of Manufacturers' Door Drapes secured from the Drapery exhibits of Manufactures Building. All brand new goods made up especially for exhibition purposes; articles that are worth four times the value mentioned here. They are as follows:

No. 3115. A brilliant pattern in Oriental stripes, appropriate for any room. It has a warped drawn fancy tassel at the top and bottom, 36 inches wide, 3 yards long.
Price.....per pair, **$1.75**

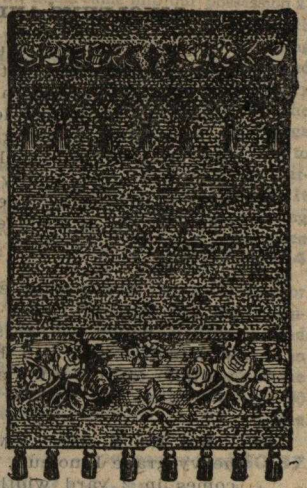
No. 3116. Represents an imperial tapestry curtain of high, superior quality of material and finish. It is a floral design. Center is an ornate base figure with a succession of surrounding floral design. Has beautiful heavy drawn work tassels; 48 in. wide, 3 yards long. Colors are brown, red and green.
Price.....per pair, **$3.75**



No. 3116.

No. 3117. Bagdad striped portieres in a magnificent artistic design, with handsome colors. Are excellent values and will please the tastes of anyone. Are unequaled from an artistic standpoint. We can furnish same in colors of red, green and blue with the combining color striped effect. Are 48 inches wide and 3 yards long.
Price.....per pair, **$3.60**

No. 3118. A fine chenille portiere with finished edges. The body is a single color. Can furnish it either in red, blue, green or terra cotta. Has 18 inch trellised fringe, 36 inches wide, 3 yards long. You can purchase with perfect safety, as we guarantee absolute satisfaction.
Price.....per pair, **$2.50**



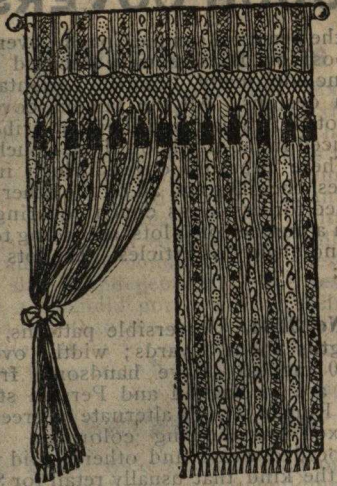
No. 3118.



No. 3117.

All sample portieres as used in Manufacturers' exhibits and bazaars in general, throughout the Exposition grounds have been secured by us. The designs and styles represent many imperial patterns, expressly woven and designed for exhibition purposes. They are in qualities from the cheapest to the best. We have also divided these items into various lots, which represent to some extent the different values as they appear to us. We describe them as follows:

No. 3119. Includes all ordinary width portieres which range about 36 inches and in 3 yard lengths. Many represent oriental panel effect with floral borders, others alternate with heavy brocaded woven Arabian design of patterns. They come in different combinations of colors. These colors include all the popular effects that are to be found on draperies in general. Such combinations as red and green, green and old gold, stripe effect of green, old gold, red and cream colors being prominent in the assortment. They are all in good condition. Many of them were enclosed in cases and are thus free from even exhibition dust.
Price.....per pair, **$1.50**



ONE THOUSAND CHENELLE PORTIERES.

Reversible in Handsome Designs.

We purchased at Manufacturer's sale one thousand of these handsome heavy Chenelle Reversible Portieres; they are first class in every particular and retail regularly from $3.50 to $6.50. We have separated them into 3 distinct lots.

Lot No. S. 246. This is an entirely new design and a perfect curtain coloring, bright and cheerful; ample in size, 38" wide and 3 yards long. Comes in handsome shades of red, green, terra cotta, olive and brown.
Price, per pair **$2.50**

Lot No. S. 247. Extremely rich heavy Chenelle Portieres, dado effect is brought out in harmonizing colors; are new and unique; in these Portieres are worked out a very wide dado both top and bottom. Heavily tasseled fringe with lattice work; knotted fringe. Width 45" and 3 yards long. Comes in red, green, terra cotta, tan, olive and brown colors.
Price, per pair **$3.50**

Lot No. S. 248. This extra heavy and large Portiere is one of the handsomest and best made and of the largest style. Are made in beautiful floral and oriental dados in a large variety of colors; red, green, tan, olive, brown, terra cotta and blue. 42" wide and 3 yards long.
Price **$3.00**

Lot No. S. 283. 2 pair of heavy grade Portieres, full width and full length; has tassels on both ends; come in solid colors of brown and apple green. Cost at least $6.50 per pair; brand new.
Our price, per pair **$4.00**

Lot No. S. 284. 10 pair Bagdad Tapestry Portieres, come about 3 yards long, fringe on both ends.
Price, per pair **$1.35**

TAPESTRY PORTIERES.

Lot No. S. 277. 10 pair of Tapestry Portieres 36" wide, about 3 yards long; come in red and green backgrounds with floral figures; tassels on both ends.
Price, per pair **$2.00**

Lot No. S. 278. 10 pair of Portieres; come about 1 yard wide and 3¼ yards long; a good heavy grade in red and green backgrounds with floral figure.
Price, per pair **$3.25**

Lot No. S. 279. 10 pair of Tapestry Portieres, good heavy grade, come in red and green background, with large floral figures, tassels at both ends, good width and length.
Price, per pair **$3.50**

Lot No. S. 280. 10 pair heavy grade of Tapestry Portieres, background in red and green; have very neat floral figure with fringe on both ends. They come about 40" wide and 3¼ yards in length; extra good values.
Price, per pair **$4.00**

Lot No. S. 281. 6 pair Mercerized Portieres, extra heavy, about 40" wide and 3½ yards long, with tassels on both ends; come in solid color red or green.
Price, per pair **$5.50**

Lot No. S. 282. 25 pair of Tapestry Portieres, come in solid olive green color with a red border on each end. They have a very neat all-over figure; good values at $5.00 per pair.
Our price, per pair **$3.50**

COUCH COVERS.

Lot No. S. 295. 25 pair Bagdad Tapestry Couch Covers, fringe all around, 40" wide, 2¾ yards long.
Price, each **$1.10**

Lot No. S. 286. 12 Couch Covers made of heavy Tapestry, fringed all around and has a Bagdad. Stripe running full length; very neat all over oriental figure; width 42", length about 3 yards.
Price each **$1.25**

Lot No. S. 287. 12 Bagdad Stripe Couch Covers, with fringe all around, about 60" wide, full length, come in blended colors, red, green and tan. Very neat couch cover; good vaules.
Price, each **$1.50**

Lot No. S. 289. 12 heavy grade Tapestry Couch Covers 54" wide and full length, fringe on both ends; have very neat striped effect, blended in red, green and old gold and has large oriental figure.
Price, each **$2.25**

Lot No. S. 290. 12 Couch Covers, beautiful striped effect, shaded with red, green and old gold, about 54" wide and full length; extra heavy and good values.
Price, each **$2.50**

Lot No. S. 291. 24 Couch Covers, Bagdad stripe, extra heavy, tassels all around; very neat design blended with old gold, red and green; size 60" wide and 3 yards long; can be used for Portiere.
Price, each **$2.75**

ROPE PORTIERES—COUCH COVERS

Lot No. 3131. Includes some better patterns in Portieres. These are in average 72x96 inch sizes; have average 5/8-inch ropes with solid 6-inch tassels. They come in many different colors which include green and old rose, empire green and red, Nile green and olive green, dark red and apple green; color effects are very pretty and would certainly prove an adornment to any parlor. The colors mentioned will harmonize with all general wall decorations. All in good condition; free from wear.
Price.....each, **$1.75**

Lot No. 3132. Includes 72x96-inch sizes in handsomely decorated Portieres. All different combinations of green and red colors represented; also old rose and tan. Have heavy lattice constructed upper edges with handsomely hung border and heavy 6 and 7-inch mercerized tassels. The cords range in 3/4-inch sizes. They represent very fine articles and include $6, $7 and $8 values.
Price.....each, **$2.25**

Lot No. 3133. Includes all the fine imported Chenille Cord Portieres secured. They are in large sizes, have heavy 6 and 7-inch tassels; are in well-blended combinations of colors. All in perfect condition. The upper festoonings on these patterns include 2 and 3-rope effects, over which is a regular lattice work construction which forms the adjustment to bar. When hung they create a beautiful effect and certainly lend ornamentation to even the plainest of parlors. They are suitable to match the finest decorated walls and the colors and combinations thereof. Are bound to please wherever seen. All these finer articles are grouped in one assortment which we quote at.....each, **$3.50**

Lot No. 3138. Includes many beautiful imported patterns in extra wide sizes, full lengths; majority of them run in alternating stripes of red, green and old gold, with fancy small designs inserted. They are combinations of colors that please and harmonize with any surroundings. The very finest of these were grouped together and listed at.....each, **$3.00**

Regular ones and the ones which represent values up to $7 and $8, are listed at, each, **$2.50**

The above list of Couch Covers is one that includes values impossible to duplicate in ordinary retail circles. Many of these patterns were ones that will never be made up for ordinary use or placed on sale. They represent extra fine designs and handwork of the weaver's art, designs that were to be used for exhibition purposes only; this owing to the fact that the extra amount of work would render it impossible for the makers to continue these patterns at the ordinary market prices. We recommend them as values to anyone in need of Couch Covers or Single Portieres, and can safely say that any order placed will be bound to give satisfaction.

All the beautiful sample Couch Covers used in Exposition Bazaars were secured by us. They include many beautiful oriental and modern designs. All the famous coverings from noted Arabian and Persian tribes are reproduced in fac-simile on these Couch Covers. These beautiful covers which include tapestries, chenilles and all of the other materials used for first-class couch coverings, are listed in a number of 5 lots, according to condition and quality of articles. The lots are as follows:

Lot No. 3134. Reversible patterns, average lengths about 3 yards; widths over all about 50 inches. Have handsome fringed borders, are in Bagdad and Persian stripes, some in Roman stripes, alternate in green, red and mixed harmonizing colorings. Some have brocaded weave and others solid weaving; of the kind that usually retail for $4, $5, $6 and $7.
Price.....each, **$1.25**

Lot No. 3135. Includes patterns ranging in 3-yard lengths, 60-inch widths. Are in gray, blue, old gold, red and tan colors; some in medallion and overall effects; others in Roman and Arabian stripes, all with neatly fringed edges. All of these articles are strictly reversible and the colors are solid. There are so many different combinations of colors that it is difficult to describe them owing to our limited space. If a selection on this pattern is made, all we ask is the colors desired and we will endeavor to fill any orders in such a satisfactory manner that the customer or purchaser will be invariably pleased.
Price.....each, **$2.25**

Lot No. 3136. Several beautiful reversible Tapestry Couch Covers; lengths are 6 feet, 4 inches. The majority of them have body of dark green with beautiful scroll or floral design worked in red. They are finished at corners with large ornamental designs and on border are equipped with double tied fringe and tassels. Color combinations on these items is such as to harmonize with most any color scheme used in ordinary parlors. They are all in perfect condition and are bound to give satisfaction at the low figure of, each, **$1.50**

Lot No. 3137. Consists of beautiful Bagdad Persian Insertions, combination Roman and modern designs in stripes; figured centers and also medallion centers. They are of medium weight and average colors are red and green. Are in exceptionally wide sizes, being 62 inches wide, full length. These may be used for either couch coverings or portieres. Are equipped with the regular fringe and tasseled edges.
Price.....each, **$1.85**

It will pay to come to Chicago to see us. Our mammoth plant covers 25 acres and is the most marvelous institution of the city. Anything manufactured can be purchased of us.

SHADES

VENETIAN BLINDS

No. 1450. All over the Exposition grounds the different Continental exhibitions were fitted with Venetian Blinds. These were in all lengths, some being as high as 10 and 12 feet; patterns ranging in width from 30 to 35 inches. Constructed of fine substantial teak wood, which is weather-proof. Fitted with canvas straps and equipped with pulley, rope, etc; all in fair condition. In these Blinds each slat is independent of the rest. They make a splendid porch awning, being more substantial than the canvas or cloth awnings. We quote them for windows of the ordinary size, in the average 9-foot lengths.
Price.....each, **$0.60**

CURTAIN POLES

No. 1452. As our dismantling operations included everything in the buildings at the Exposition, we came into possession of articles which might be considered as trifles, but which may be necessary for the use of some of our various patrons. We have just removed about 1,200 Curtain Poles, some of which are fitted with brass ornaments at the ends, others perfectly plain; some in mahogany, and others in oak finish. We can quote you in ½ dozen lots of Poles, 3 feet long.
Price.....per pole, **$0.05**
In ½ dozen lots, 4 feet long, price, " **.06**
" ½ " " 5 " " " " **.07**
We quote on our 8-foot Poles in lots of 3 or more, price.....per pole, **$0.10**
We can also quote on brass-covered Poles, 7 feet long, price.....each, **$0.25**

MOSQUITO BARS

No. 1453. If the reader has visited the World's Fair at St. Louis, he or she will readily imagine the use for Mosquito Bars. They were used in the various hotels and sleeping quarters, and we secured several hundreds of ¾-size Mosquito Bars. All have canopy arrangements, which permit of net being folded up in the day time. They do not interfere nor mar the appearance of the bed in the least. Are equipped with cord and pulley.
Price.....each, **$0.75**

BOLSTERS

No. 1454. Three dozen full-size Bed Bolsters, filled with a fine quality of Sea Island cotton; pure white, covered with A. C. A. ticking, somewhat faded. All in fair condition.
Price..... each, **$0.75**

FLOOR BROOMS

No. 1469. Two dozen heavy Mexican fiber Sweeping Brushes; have regular handles, solid tops and long 10-inch fibers. The kind used for street service.
Price.....each, **$0.50**

WINDOW SHADES

We have just finished listing the entire lot of Window Shades and Blinds secured from the Exposition grounds. The majority of the Shades we received are made of pure linen, many being opaque, ranging in all the various widths. We have Window Shades suitable for 26, 30, 36, 40 and up to windows 65 inches wide. They have been divided into three lots, according to condition:

Lot No. 1455. Embraces many patterns, in 30, 32, 36 and 40-inch widths, and are brand new, never having been opened or hung on windows; majority are of a green color and opaque. We list them at each, complete with brackets.....**$0.20**

Lot No. 1456. Includes many fine linen Shades, in fair condition; many being of cream color in widths from 26 to 50 inches. Many soiled, others in fair condition.
Price.....each, **$0.15**

Lot No. 1457. This lot includes the balance of the shades, many of which are in fair condition; width up to 65 inches, regulation full length. Some slightly torn, others spotted or stained. They are capable of a long term of service in the ordinary house.
Price.....each, **$0.10**

No. 1458. About 1 dozen fine Holland Linen Shades in a cream color, considerably used and soiled. Are in 6-foot lengths. We offer them at an exceptionally low price for serviceable Window Shades.
Price..... each, **$0.30**

FANCY SOFA CUSHIONS

No. 1465. From one of the numerous bazaars on one of the principal avenues of the Exposition grounds, we secured a number of small wares of various kinds. Among these items were several dozen fancy Sofa Cushions, 22-inch size, filled with fine quality of Sea Island cotton, pure white. They are covered some with fancy cretonne, others with flowered Bagdad, striped effects; others have neatly proportioned ornamental squares and designs on cover. All are brand new and perfect in every way.
Price.....each, **$0.70**

SOFA PILLOWS

No. 1466. We secured from the Brazil Bazaar on the Exposition grounds, seventy-five 20-inch Sofa Pillows, covered with fancy Oriental design covering filled with best quality of horsehair. In perfect condition.
Price.....each, **$1.50**

PILLOW SLIPS

No. 1467. Several dozen pair of an excellent quality New York Mills material, made into Pillow Slips; regular size, some used a short time, others are still new and have never been opened up. All in good condition.
Price.....each, **$0.10**
In dozen lots.....**1.00**

FINE LACE CURTAINS



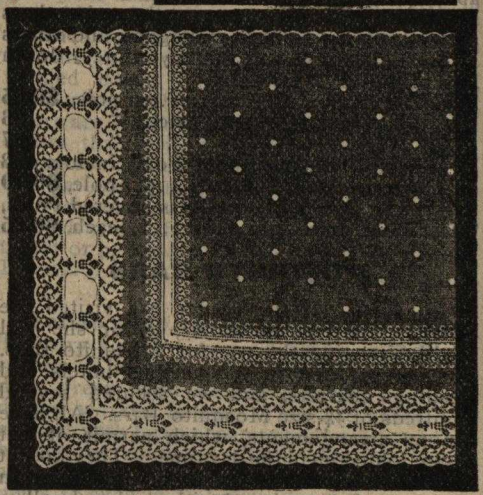
No. 1002. Plain Nottingham, Marie Antoinette effects. Size, 3 yards long. Have 1,000 pairs. Price per pair....**$1.20**

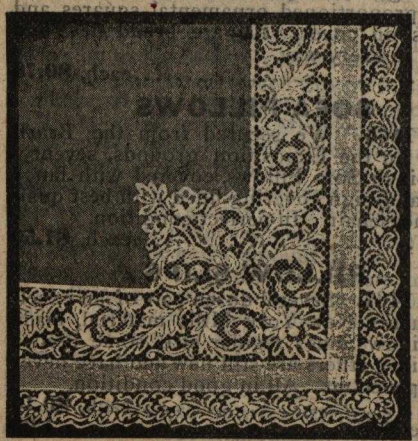


No. 1001. Divided Curtain, 40 inches wide, 3 yards long. Has a very pretty floral design with a ruffled edge. This fills a great demand for an inexpensive curtain. 900 pair at per pair....**$1.05**



No. 1003.





No. 1006.

No. 1004. Ten dozen pairs of this superior point lace pattern with fleur-de-lis center. Size, 60 inches wide, 3½ yards long. Price per pair.....**$1.95**

No. 1003. Seventy-five pairs of this fine embroidered pattern. Size, 60 inches wide, 3½ yards long. Price per pair.....**$1.40**

No. 1006. Have only 60 pairs of this beautiful Battenberg effect. These cable net designs are imported articles and represent rare values. While they last.....per pair, **$2.95**

MOST REMARKABLE OFFER IN LACE CURTAINS.

The Prices Quoted on these Curtains Will Convince You that it is Not Necessary to Pay Fancy Prices, such as you are Charged by Regular Dealers, for Handsome Window Draperies.

WHITE LACE CURTAINS.

We have 500 pairs of lace curtains that we bought at Receiver's Sale. In this lot we have 13 pairs of Arabian Ecru lace curtains. They are unquestionably the finest ever shown. Every pattern is a gem, and in fabric, weave, design and manufacture they are without equal in the market. This line represents the handsomest and best product that the world affords. As to prices, you only have to compare our quotations, style and quality with those offered by our competitors.

Lot No. S. 295. 500 pair Lace Curtains, in perfect condition; very neat design and scroll figure all around; very closely woven mesh, about 40" wide and 3½ yards in length.
Price, per pair.....**$1.25**

Lot No. S. 296. 24 pair white Lace Curtains, about 48" wide, 3½ yards in length. Very neat floral figure, closely woven mesh, good curtain for parlor or dining room.
Price, per pair.....**$1.25**

Lot No. S. 297. 59 pair 40" wide and 3½ yards long; very neat scroll figure all around, interwoven with a small center figure, closely woven mesh, exceptionally good values.
Price, per pair.....**$1.00**

Lot No. S. 298. 24 pair 30" wide, 3 yards long, large circular figure, wide mesh; exceptional values at
Per pair.....**65c**

Lot No. S. 299. 22 pair 30" wide and 2¾ yards long; very neat all-over floral figure, small center figure; very neat design and exceptionally good values at
Per pair.....**65c**

Lot No. S. 300. 22 pair 36" wide and 3 yards long, wide mesh; wide floral border and small center figure, exceptionally good values for
Per pair.....**75c**

Lot No. S. 301. 9 pair 42" wide, 3½ yards long, open work mesh, large scroll floral border and a bargain at
Per pair.....**$1.00**

Lot No. S. 302. 12 pair 42" wide, 3 yards long, large panel center, scroll border, exceedingly rich design.
Price, per pair.....**$1.00**

Lot No. S. 303. 12 pair 40" wide, 3½ yards long; very neat design and scroll all-over figure and wide border; exceptionally good values.
Price, per pair.....**$1.00**

Lot No. S. 305. 10 pair 3 yards long, 42" wide; has very neat scroll border all around and panel center, small figure. These curtains are exceptional bargains.
Price, per pair.....**$1.25**

Lot No. S. 309. 14 pair white Lace Curtains about 48" wide, 3½ yards long; all-over scroll and dot center, panel border with continuous twining vine scalloped and corded, exceptionally close mesh. Very neat hanging for parlor or dining room.
Price, per pair.....**$2.25**

Lot No. S. 310. 6 pair 50" wide, 3½ yards long; large conventional figures, combination open work effect, strong mesh with neat center figure.
Price, per pair.....**$2.00**

Lot No. S. 311. 15 pair 56" wide, 3½ yards long, serpentine scroll pattern, scroll intertwined with flowers, large leaves, open work pattern; strong mesh.
Price, per pair.....**$2.25**

Lot No. S. 312. 6 pair 42" wide, 3½ yards long, zigzag border all around, open work effect, scroll figure in the center panel.
Price, per pair.....**$1.25**

Lot No. S. 313. 5 pair curtains, large floral scroll border intertwined with wide leaves.
Price, per pair.....**$1.50**

Lot No. S. 314. 5 pair 50" wide, 3½ yards long, close mesh, serpentine scroll pattern. Scroll is intertwined with vines and leaves; the center has small floral figure, exceedingly pretty curtain.
Price, per pair.....**$2.00**

Lot No. S. 315. 7 pair close mesh continuous small conventional design, dotted center figure. These curtains are about 54" wide and 3½ yards long. Exceptionally good values. Make a very neat hanging for any room.
Price, per pair.....**$2.50**

Lot No. S. 316. 6 pair 48" wide, 3½ yards long, panel border, all-over small floral figures.
Price, per pair.....**$3.00**

Lot No. S. 317. 21 pair 3½ yards long, closely woven mesh, neat floral serpentine border, intertwined with flowers and ferns.
Price, per pair.....**$3.00**

Lot No. S. 318. 6 pair 3½ yards long, open lattice work border all around, intertwined with large wreaths and ferns. Extra good values.
Price, per pair.....**$2.00**

UNIFORMS—CLOTHING—ARMS

Complete equipment of Jefferson Guards in our warehouse, invoiced and ready for delivery, at the following prices:

No. 2850. 250 Regular Regimental Uniforms; were used by the Jefferson Guards. Each set consists of coat, pants and fatigue caps; are in a standard army blue. Trousers are fitted with very handsome 1-inch stripe in gold braid. The coats are ornamented with full complement of gold braid trimmings; caps are also trimmed with braid. These Uniforms were the admiration of all visitors to the noted Exposition and were voted the handsomest uniforms displayed in recent years. They are all made of pure wool, U. S. standard and cost Exposition authorities $15.00 each. Some of them show signs of wear, others are in as perfect condition as when turned out of the mill. We divide them into two lots; the first one containing all the A1 sets.

Price.....per set, **$5.00**

The second lot, containing those that show drifting signs of wear.

Price.....per set, **$3.75**

No. 2851. 450 Khaki Uniforms, consisting of coat, trousers and caps. Are made according to regulation army standard and cost about $7.00 per uniform. The slight amount of wear they sustained during the Exposition has not impaired their value in the least. The material they are composed of is of such excellent quality they may be washed times without number and will not shrink. We particularly recommend these for use by any one employed out-doors or for military or social organizations. They make splendid parading uniforms.

Price.....each, **$1.60**

No. 2852. 350 Khaki fatigue Caps in all sizes; all in good condition; show no signs of wear, in fact, many of these caps are still in original wrappings in which they had been placed in the store rooms of Guards' Barracks on Exposition grounds.

We quote them at.....each, **35c**

No. 2853. We have on hand all of the Overcoats used by the Jefferson Guards. They are made of the finest kind of middlesex cloth in an extra heavy weight and are all double lined. Coats are trimmed with gold braid, have regulation buttons, but if purchased for private use these trimmings may be removed and the coat dyed. The material that these overcoats are composed of is seldom to be purchased in a ready-made garment at a clothing store, as U. S. Army standard is used by so few clothing manufacturers in the composition of their goods. Original cost of these overcoats was each $16.00.

Price.....each, **$5.00**

No. 2854. 475 Side Arms, or as they are better known, short length swords; are made of the finest kind of welded steel, beautifully nickel plated. Each sword blade stamped with Exposition Co.'s official stamp, as well as Jefferson Guard's stamp. They have neat brass plated handles with hand protector and are equipped with leather scabbards. A beautiful black leather belt accompanies each sword. Front of belt is neatly set with brass buckle plate. These articles represent in historic value many times more than actual cost of same. As a souvenir of Exposition days, nothing is more appropriate in our minds than an emblem suggesting battle days at the same time. Many of these swords were disposed of on the Exposition grounds at very high prices. However, the intrinsic value they represent to us is very little as we are not swayed by historic feelings in making our price on these articles. We therefore quote them at the exceptionally low figure of each..... **$1.75**

The above price to include sword, scabbard and belts.

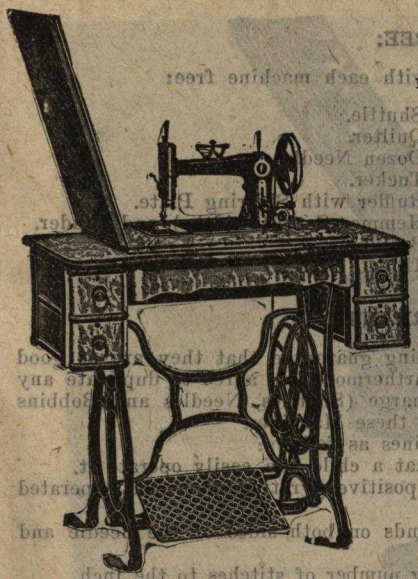
OFFICE COSTUMERS, OR HAT RACKS

No. 2860. Made of fine wrought iron in a Japanese copper finish; base has neatly ornamented set of projecting feet in the center of which is an umbrella pan or drip pan; higher up on pedestal is an umbrella collar attachment and further up are hat racks or coat racks; is well balanced and can not be tipped over. We have about 2 dozen of these, all in perfect condition. They are ideal office coat hangers and are suitable for either inner or outer office.

Price.....each, **$1.95**

Don't overlook a single item on this page

SEWING MACHINES.



In the various Work Shops and Repair Rooms of the Exposition, as well as the Linen Rooms of most of the Hotels that we purchased, we secured numerous Sewing Machines of all makes and kinds.

We also have some Fifty (50) or more Exhibit Sewing Machines, all of which are offered you in the following list. We regret that we cannot give you an elaborate description of them. We have stated the facts in the case, and have also given a guarantee on certain of these new Exhibit Sewing Machines, which we will live up to in every way.

STYLE NO. 1.

IMPROVED DROP HEAD SEWING MACHINES.

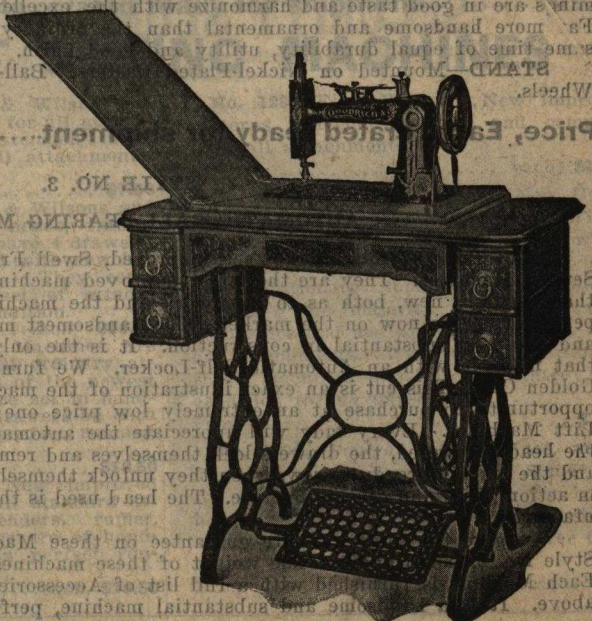
15 Machines exactly like the illustration. Absolutely up-to-date and constructed on latest lines. Made of very good material. Has full high arm and are accurately adjusted and carefully tested, making a double thread lock-stitch. Is supplied with modern improvements, including a self-threading shuttle, self-setting needle, automatic bobbin winder and is mounted on a neatly finished solid Oak woodwork with substantial iron stand. It is guaranteed to give service for five years, during which time we will furnish free of charge any defective parts and pay transportation charges, or if it becomes necessary to return the Machine to us for adjustment, we will pay freight both ways.

ATTACHMENTS. Every one of these Machines is supplied with a complete set of steel attachments, consisting of Ruffler or Gatherer, Tucker, Binder, Braider, Quilter, 5 extra Hemmers, assorted width, one dozen Needles, 6 Bobbins, Screw Driver, Oil Can filled with oil and a Complete Instruction Book.

Price, Each.....$10.50

STYLE NO. 2.

FULL HIGH ARM DROP HEAD MACHINES.



20 of these Machines for sale, absolutely brand new and perfect in every particular. Have never seen any service. These full high arm Machines were made of the very best of material. They are finely made, accurately adjusted and carefully tested. In their manufacture the highest grade of enamels were used. They are handsomely decorated and were built to meet the demands of those requiring a perfect machine for family sewing. They are self-threading throughout. You will find in these Machines a combination of Simplicity, Reliability, Durability, Speed, Strength and Beauty.

If you buy one of these Machines you will have one that is unequaled for ease of management and capacity for wide range of work. There is nothing too hard or too easy for the Machine to do—hemming, stitching, bind-

ing, tucking, ruffling, gathering, hem-stitching, seaming, etc. In fact, it is adapted to every variety of sewing, from the lightest muslin to the heaviest cloths. These Machines are all highly nickel-plated.

WE FURNISH FREE:

the following named accessories are supplied with each machine free:

1 Gauge.
1 Gauge Screw.
1 Oil Can (filled).
6 Bobbins.
1 Instruction Book.
1 Combination Screw Driver.
1 Hemmer (which is also a Feller).
1 Belt and Coupling.
1 Shuttle.
1 Quilter.
1 Dozen Needles.
1 Tucker.
1 Ruffler with Shirring Plate.
1 Hemmer Set (4 widths) and Binder.
1 Braider.
1 Thread Cutter.

OUR TEN-YEAR WARRANTY.

We give with every Machine an absolute binding guarantee that they are as good a Sewing Machine as there is in the World, and, furthermore, we agree to duplicate any part that proves defective in ten years, free of charge (Shuttles, Needles and Bobbins excepted), thereby proving to you our confidence in these Machines.

We explain the leading features of these Machines as follows:

AUTOMATIC BOBBIN WINDER—So simple that a child can easily operate it.

FEED MOTION—Our latest patent, absolutely positive gyrating movement, operated on ball bearings.

THE DOUBLE, 4-MOTION DROP-FEED—Extends on both sides of the needle and permits a greater variety of work than any other.

STITCH REGULATOR WITH SCALE—Showing number of stitches to the inch.

A SPRING TENSION CYLINDER SHUTTLE—Holding a bobbin that carries a large amount of thread. There is no hole to thread through, making it the most easily threaded shuttle in use.

NEEDLE—Self-setting short blade, large shank and is not easily broken.

LIGHT RUNNING—On account of the simple mechanical devices employed in its construction it is one of the simplest, easiest operated, best made and most elegantly ornamented machines in the world, combining every requisite to produce a perfect machine.

WOODWORK, GOLDEN OAK—Unique and attractive in style, and substantially made from well-seasoned and carefully selected material. Its elegant finish and rich trimmings are in good taste and harmonize with the excellent workmanship of the machine. Far more handsome and ornamental than the ordinary style of woodwork, it is at the same time of equal durability, utility and good finish.

STAND—Mounted on Nickel-Plated Casters. Ball-bearing Steel Pitman and Drive Wheels.

Price, Each, crated ready for shipment.....$16.75

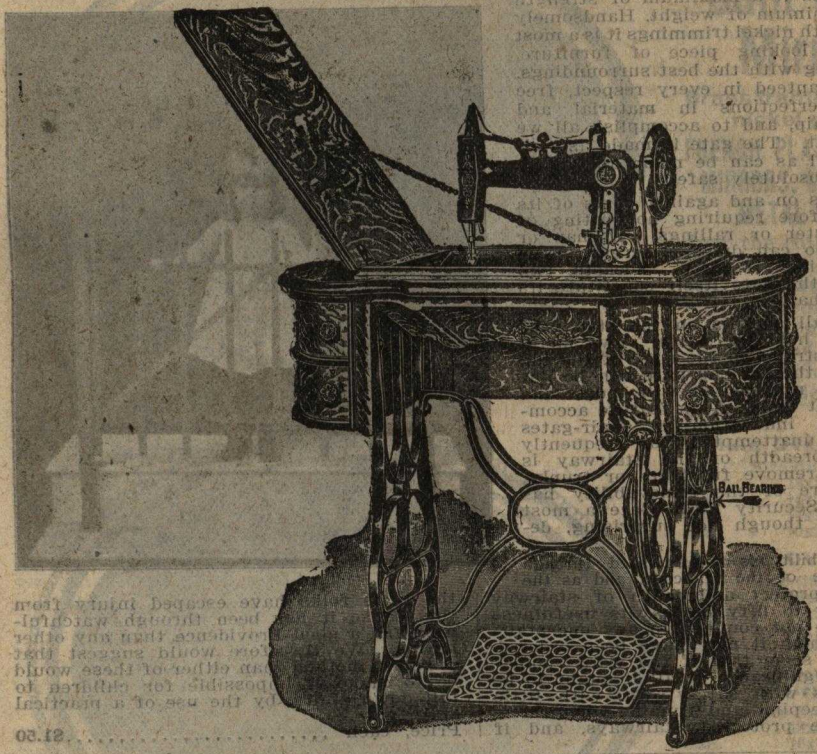
STYLE NO. 3.

AUTOMATIC BALL-BEARING MACHINES.

22 of these Absolutely Perfect, Improved, Swell Front, Automatic Lift, Ball-Bearing Sewing Machines. They are the latest improved machines on the market. You will find them entirely new, both as to woodwork and the machine head. We offer you the most perfect machine now on the market. The handsomest machine, both in design and finish, and the most substantial in construction. It is the only Sewing Machine on the market that is made with an Automatic Self-Locker. We furnish it only in fine Quarter-Sawed Golden Oak. This cut is an exact illustration of the machine. You dare not overlook this opportunity to purchase at an extremely low price one of these Swell Front, Automatic Lift Machines. Every lady will appreciate the automatic drawer-locking device. When the head is lowered, the drawers lock themselves and remain locked until the head is lifted and the machine ready to sew, when they unlock themselves. They are strictly ball-bearing in action, light and easy to operate. The head used is the finest than can possibly be manufactured.

We give the same absolute guarantee on these Machines for ten years as we do on Style No. 2, noted above. The weight of these machines, crated for shipment, is 125 lbs. Each Machine is furnished with a full list of Accessories, same as named in Style No. 2, above. It is a handsome and substantial machine, perfect in every detail and will give

you absolute satisfaction. You need have no hesitation to select this machine if you are looking for the best. Nothing finer constructed and no handsomer ornament is made in the Sewing Machine line.



Price, Each, complete, crated ready for shipment.....$19.75

REBUILT SEWING MACHINES

No. 1285. One Wheeler & Wilson and one White Machine, suitable for all general work; has a box head, extension table, heavy frame, fitted with all attachments, in fair condition.
Price **$7.50**

No. 1286. Three Wheeler & Wilsons and three Singers. Have drop heads, frames are in oak, nicely polished; have 4 drawers, 2 on each side; are equipped with new improved standard foot rest. They come complete with a regular set of attachments. Are in splendid condition.
Price.....each, **$19.50**

No. 1287. Three Domestic Machines. Are completely equipped with all ordinary attachments; have drop heads of the newest improved patterns. They are set in handsome oak frames and have drawers on both sides of the machine. In perfect running order.
Price **$16.50**

No. 1289. New Home. New improved drop head machines, with all standard attachments, including threaders, ruffler, tucker, braider, etc. Frames are of handsome polished oak. Are in perfect running order.
Price .....each, **$16.50**

No. 1290. Four Whites. New improved patterns, perfect condition and complete with all attachments.
Price .....each, **$17.00**

No. 1291. About 36 Singer, New Home, Domestic, White and Wheeler & Wilson makes, were taken from bazaars where fancy goods were made and sold. They have stationary tops, in fine polished frames. The majority have drawers on both sides and are equipped with all modern attachments. We have fully examined these machines and can guarantee their condition to any purchaser.
Price **$11.50**

No. 1292. Several old Machines, among them many standard makes. Some used for shop and store work, other for household use. Have all been overhauled and are in good running order. We offer these at an extremely low figure.
Price .....each, **$8.75**

Before purchasing elsewhere hear from us.

SECURITY STAIR GATE AND BED GUARD

One of the most useful articles ever invented. Bought at Sheriff's Sale.

No. M103. This gate is made of maple, which gives it a maximum of strength with a minimum of weight. Handsomely finished with nickel trimmings it is a most attractive looking piece of furniture, harmonizing with the best surroundings. It is guaranteed in every respect, free from imperfections in material and workmanship, and to accomplish all we claim for it. The gate is made as well and careful as can be made and above all it is absolutely safe.



It swings on and against posts of its own, therefore requiring no cutting of either plaster or railings. A man or woman who can drive a screw is the only "genuius" required. Sockets, two posts and the gate itself constitute its entire mechanism.

Two small sockets on the step next to the top hold the posts. Two metal collars or straps on the edge of the top step brace them. The gate can be put in place or removed at will—posts and all—without tools. This feature accomplishes an innovation in stair-gates heretofore unattempted, for frequently the full breadth of the stairway is desired to remove furniture or trunks. This feature of the removability has given the Security Stair Gate a most unexpected, though not surprising, demand.

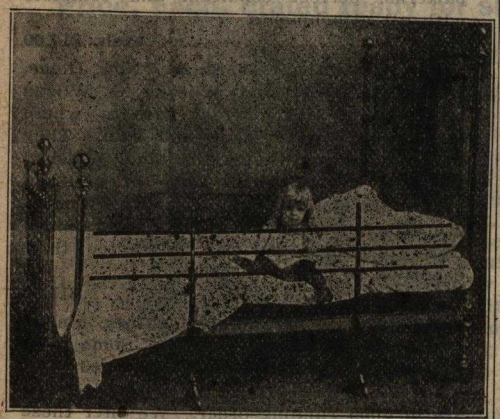
Its adjustability is accomplished through the principle of the telescope, and as the gate will protect a breadth of stairway from thirty to fifty inches, its usefulness is therefore not confined to any one stairway for which it may have been ordered.

It would seem that if the word "home" have any significance at all it ought to be synonymous with safety; yet, with little children creeping and running about, few homes have protected stairways, and if the little folks have escaped injury from this cause it has been through watchfulness and a good Providence than any other means. We therefore would suggest that a better method than either of these would be to make it impossible for children to fall down stairs, by the use of a practical stair gate.

Price, each **$1.50**

SECURITY SLUMBER GUARD

No. M 104. Every one with children has experienced the sensation of hearing **those dull thuds** which mean that the bed is empty and the child is on the floor. It would be difficult to recount all the bruises so occasioned, they are so numerous, and they assume a more serious aspect, most readily, without our dwelling upon them.



If this Guard will keep your little one in bed and entirely exempt from such dangers, can you afford to be without it? It will do this, and it is but one of its invaluable features.

How many times have you awakened at night to find a child almost totally bare of clothing from head to heels? Such exposures are frequently attended with most serious results, colds, croup and doctor's bills. The Security Slumber Guard binds the clothing as tightly as may be desired, and it is then immovable until released. Similarly may a shawl or blanket be thrown over the guard and the bed will be protected from draughts its entire length when it is desired that the windows shall be open.

CAN BE USED WHILE TRAVELING.

It would seem that if there is a time when such a guard is needed it is away from home as well as in the home. To provide for this, we have made the guard as light as is consistent with strength, and its weight is less than three pounds. When carried it can be folded into a space as large as a rolled magazine and thirty-six inches in length. It is adjustable without tools to any bed of any description; folding, wooden or iron, cribs, couches, and even Pullman and steamer berths. Its scope is unlimited. Made of well seasoned maple, beautifully finished with nickel trimmings.

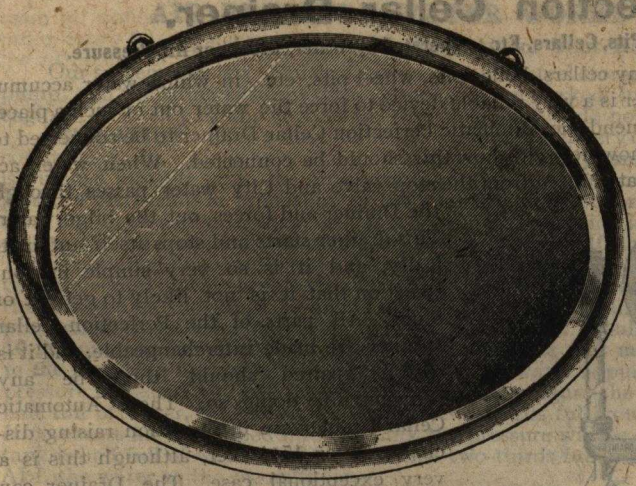
Price **$1.50**

Nickel Plated Bath Room Mirrors

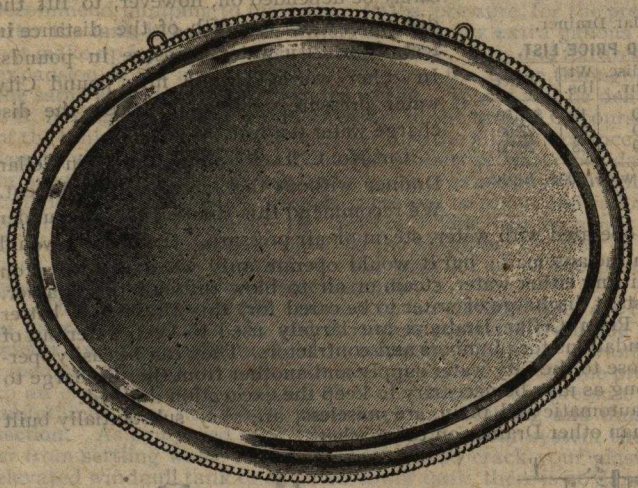
Brass frames, heavily nickel plated.

FRENCH PLATE BEVELED MIRRORS, MADE WITH METAL BACKS.

Just the thing for your bath room. The frames will never rust and they will harmonize perfectly with the nickel plate faucets and trimmings on your plumbing fixtures. Made with metal hangers.



No. 325—Plain Oval Mirror.



No. 330—Beaded Oval Mirror.

Plain Oval Mirrors.

No.	Size (inches)	Price
325	18x24	$6.00
326	16x20	4.25
327	14x17	3.75
328	10x20	3.75

Beaded Oval Mirrors.

No.	Size (inches)	Price
330	18x24	$7.50
331	16x20	5.50
332	14x17	4.75
333	10x20	4.75

Square Beaded Mirrors.

No.	Size (inches)	Price
335	18x24	$8.00
336	16x20	6.00
337	14x17	5.00
338	10x20	5.00

Square Plain Mirror.

Similar to above, but not beaded.

No.	Size (inches)	Price
340	18x24	$6.50
341	16x20	5.00
342	14x17	4.00
343	10x20	4.00



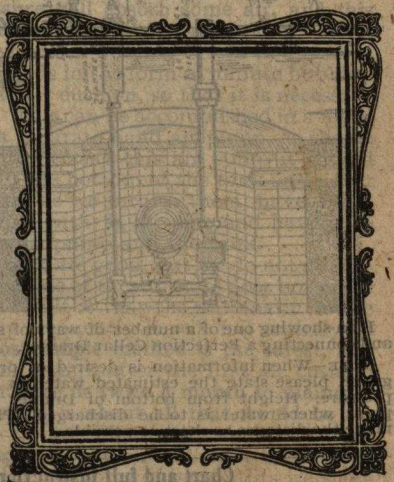
No. 335—Square Beaded Mirror.

Ornamental Frame and Mirror.

No. 345—One size only, 16x20 inches.

Price.....$6.50

We can furnish any of the above mirrors in oxidized metal finish at same price when so specified. Nickel plated will always be sent unless oxydized is specified.



No. 345—Ornamental Frame and Mirror.

Perfection Cellar Drainer.

For Draining Boiler Pits, Cellars, Etc. Operated by Water, Steam or Air Pressure.

There are a great many cellars, boiler pits, wheel pits, etc., in which water accumulates, and this Cellar Drainer is a very reliable device to force the water out of such a place. For ordinary use we recommend the Automatic Perfection Cellar Drainer to be connected to City water pressure. We show herewith how this should be connected. When water accumulates in the pit, the float is lifted from the stop valve and City water passes through the Drainer and forces out the bilge water. This drainer starts and stops itself automatically, and it is so very simple in construction that it is not likely to get out of order. All parts of the Perfection Cellar Drainer are made interchangeable, and it is easily repaired should there be any occasion for doing so. These Automatic Cellar Drainer are in operation raising discharge water 15½ feet, although this is a very exceptional case. The Drainer can safely be depended on, however, to lift the discharge water one-fifth of the distance in feet of the City water pressure in pounds. In other words, with a fifty pound City water pressure, you could raise the discharge water ten feet.



C. D. 100
Automatic Perfection Cellar Drainer.

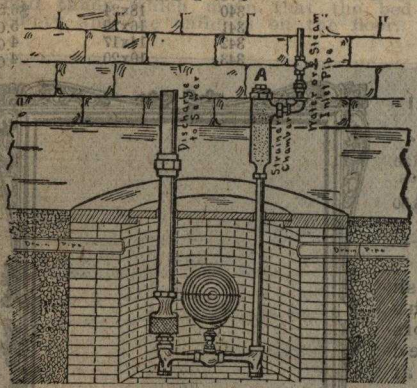
DIMENSIONS, CAPACITY AND PRICE LIST.

No.	Pipe Connections Inlet	Discharge	Gals. disc. per hr.	Wt. lbs.	Price
1	¾ in.	1 in.	400	19	$17.50
2	¾ in.	1½ in.	800	22	22.00
3	1 in.	2 in.	1500	28	26.00

Dimensions: 18 in. long, 12 in. wide, 20 in. high.

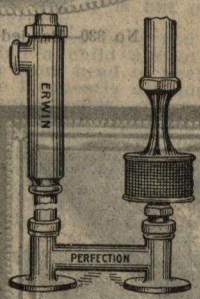
Cut No. C. D. 105 shows the Plain Cellar Drainer without the automatic attachment. We recommend this drainer for use under very heavy duty. It can be operated with water, steam or air pressure. Connection would be made into this same as on the automatic, but it would operate only when the valve on the power line is open, permitting either water, steam or air to blow through the Drainer. Where there is almost a constant discharge of water to be cared for, this Drainer is better than the automatic. These Plain Cellar Drainers are largely used to keep water out of ditches, excavations and foundations for plumbers and contractors. They can be easily operated by attaching a rubber hose to the City water supply and another from the discharge to the sewer and let it run as long as may be necessary to keep the excavation drained.

These Drainers, both automatic and plain, are noiseless, are very substantially built and have a larger capacity than other Drainer on the market.



Plan showing one of a number of ways of setting and connecting a Perfection Cellar Drainer.

NOTE—When information is desired or order is given, please state the estimated water or steam pressure. Height from bottom of Drainer pit to point where water is to be discharged. Plan to make the distance as short as possible.



No. C. D. 105.
"Perfection" Plain Cellar Drainer.

PRICES

No. 1	$12.00
No. 2	16.00
No. 3	20.00

Inlet, Outlet and Capacity same as for the Automatic Drainer.

Chart and full instructions for installing sent with each Drainer.

AIR PRESSURE WATER WORKS SYSTEM.

Individual Water Works Plant for Your Home or Farm.

Our system consists of a large, heavy, air tight steel storage tank and a powerful force pump. In the larger systems these pumps may be worked by either windmill or gasoline engine. We sell gasoline engines for this purpose, but do not deal in windmills.

OPERATION. The principle in the system is delivery of water by the pressure of compressed air. Air is very elastic. **A normally empty tank is full of air and as water is pumped into the tank, the air above is compressed into smaller and smaller space, the pressure increasing in proportion to the quantity of water forced into the tank.** Experience has demonstrated that the most satisfactory service in one of these air pressure outfits will be obtained by **having an excess of about 10 lbs. air pressure in the tank.** This is obtained by pumping just a few gallons of water, merely enough to insure covering the connection of the pump to the tank and the openings into it, then pumping in air until the pressure on the gauge is increased 10 lbs. More than 10 lbs. would give a greater proportion of air than required, and less than 10 lbs. would not give sufficient. This **10 lbs. pressure is sufficient to deliver all of the water that may be pumped into the tank to the plumbing fixtures of the second floor.** As water is pumped into the tank and the pressure increases, you will find that with 30 lbs. pressure the tank will be approximately half full of water, and when the tank is two-thirds full you will have 60 lbs. pressure. If no excess air is pumped into the tank the pressure will be only about 17 lbs. when the tank is half full of water, and 35 lbs. when two-thirds full. This is not sufficient to force ALL the water to the second floor.

It is not advisable to pump more than a 60 lbs. pressure. In hand outfits we do not recommend pumping to more than 40 lbs. pressure, for the **pressure increases very rapidly after the tank is half full of water,** and the few extra gallons that you can pump in will not make up for the strain on your plumbing, pipes and fixtures. As the faucets are opened expansion of the air in the tank will force the water through the piping and it will flow **the same as water from city water works.** Water will be delivered a fraction more than 2 ft. in height for every pound pressure in the tank. Of course, as the water is drawn out of the tank the pressure decreases, because the air has a chance to expand. In an average family with one bathroom about 100 gallons of water per day is the amount used, and in most of our outfits we use tanks for approximately 300 gallons capacity, so that if the tank is pumped to 40 lbs. pressure there will be about 185 gallons of water in the tank that can be drawn off through the faucets. This will be about two days' supply. From this tank the water may be piped to the plumbing fixtures, or to the heating plant, to the lawn for sprinkling purposes, to the barn lot or to the pasture lot, in fact, **it may be piped anywhere and almost any distance.**

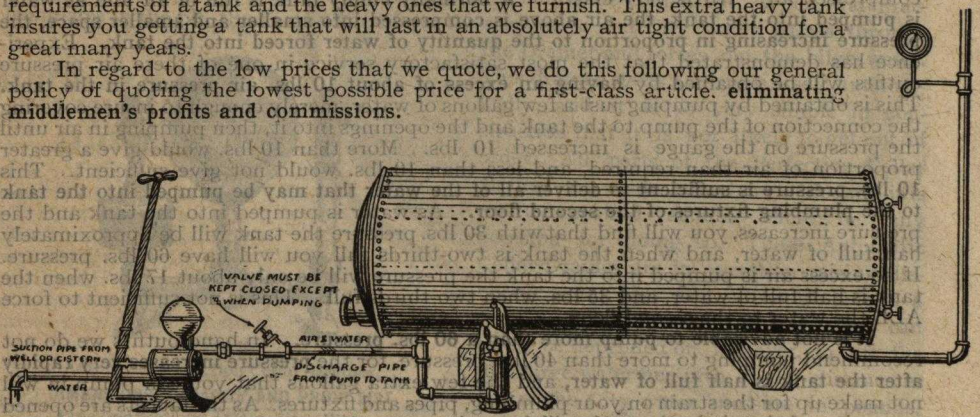
The advantages of this system over an elevated tank are that the tank may be placed in your cellar or in a pit, and it is thus protected from the elements, from freezing in winter and from extreme heat in summer. Another advantage is that water may be piped much higher than with the average elevated tank, the pressure of 40 lbs. being equal to an elevated tower of about 93 ft. With this air pressure system a pressure may be maintained that will **throw water over any building and thus provide effective fire protection.** As compared with the attic tank, in our system there is no danger from leaks or from settling walls, either of which would crack your plaster. As compared with an elevated windmill tank or elevated tower tank, there is no danger of the tank and the connecting pipe freezing up in the winter time and no danger of the water becoming too warm and stagnant in summer. **Water under heavy pressure will absorb some air, and this destroys all animal or vegetable matter in the water and renders it remarkably sweet and clean.** An evidence of this absorption of air is when the water is drawn in a glass it has a whitish color, but this passes off in five or ten seconds in the form of minute bubbles. The absorption of air will gradually rob the tank of its air cushion, so that it is necessary to supply fresh air in the tank once or twice a month. This can be accomplished in a number of ways. The most satisfactory way is to have a separate hand air pump, as shown in the cut herewith of our outfit No. A. P. 1. In connecting this air pump it should always be connected as shown in the illustration—into the bottom of the tank and never into the air space at the top of the tank. The pumps, as we furnish them, have ⅜ in. iron pipe threaded connection and should be connected with ⅜ in. pipe and have a ⅜ in. check valve, and a ⅜ in. globe valve between the air pump and the tank.

There are some automatic devices on the market that are good, but we do not recommend their use, because the average mechanic installing one of these outfits does not make the connections absolutely true and correct, and the result is that the automatic device causes more or less annoyance and trouble and very frequently it will fail entirely to supply the air. **Consequently, we think that the most simple method is the safest, and it is what we recommend.** With the special hand air pump, after the first air cushion of 10 lbs. is supplied, it is only necessary **to pump air once or twice a month to maintain this air cushion, and fifteen or twenty minutes pumping is about all that would be required.** Do not attempt to pump the air when the tank is filled with water. Rather you should pump the air when the tank is almost empty, as the air will enter then under very slight pressure and you can pump it quite rapidly. In some of our outfits we show

a way of supplying the air without the use of the separate hand air pump by means of a small air cock. While this plan may be used with the special air and water pumps that we furnish, we do not recommend it as being entirely satisfactory as the outfit with the separate hand air pump.

Now, in regard to our special Chicago Air Pressure Tanks, these tanks are specially constructed with a view of making them air tight, and we guarantee them air tight. Our tanks are made extra heavy, so that there is a wide margin of safety between the actual requirements of a tank and the heavy ones that we furnish. This extra heavy tank insures you getting a tank that will last in an absolutely air tight condition for a great many years.

In regard to the low prices that we quote, we do this following our general policy of quoting the lowest possible price for a first-class article. **eliminating middlemen's profits and commissions.**



OUTFIT NO. A. P. 1.

This outfit consists of a special Chicago Air Pressure tank 30 in. x 8 ft., tapped to lay horizontally, capacity 295 gallons.

One special horizontal cylinder double acting hand force pump, brass lined.
One No. 600 hand air force pump.
One air pressure gauge.
One water gauge with water glass and guard rods.
One 1 in. gate valve.
One 1 in. check valve.
One ⅜ in. globe valve for the air pipe.
One ⅜ in. check valve for the air pipe.
One 1¼ in. foot valve and strainer.
Price of this outfit..... **$65.00**

OUTFIT NO. A. P. 2.

This outfit consists of a special Chicago Air Pressure tank 36 in. x 8 ft., capacity 425 gallons.

One special horizontal cylinder double acting hand force pump, brass lined.
One No. 600 hand air force pump.
One air pressure gauge.
One water gauge with water glass and guard rods.
One 1 in. gate valve.
One 1 in. check valve.
One ⅜ in. globe valve for the air pipe.
One ⅜ in. check valve for the air pipe.
One 1¼ in. foot valve and strainer.
Special price of this outfit..... **$78.00.**

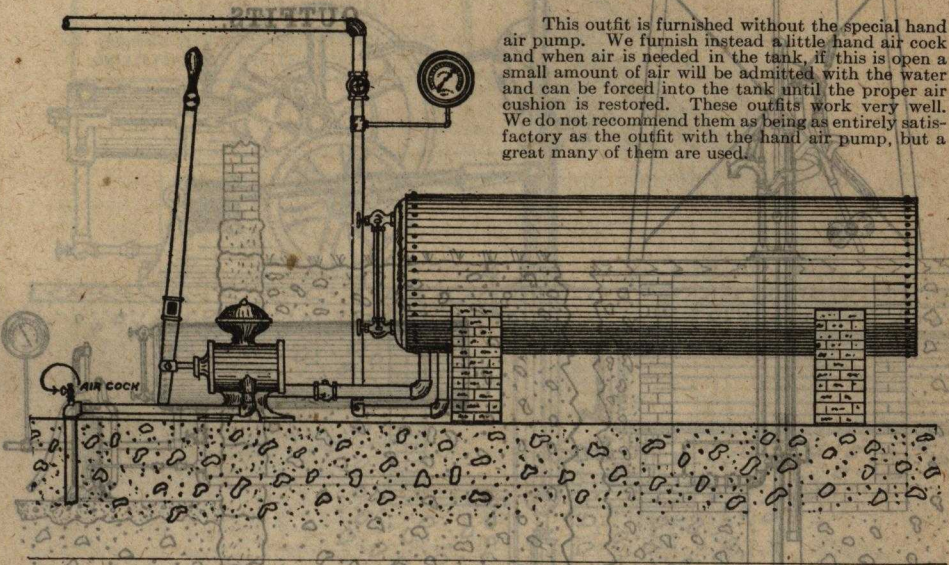
OUTFIT NO. A. P. 3.

This outfit consists of a special Chicago Air Pressure tank 36 in. x 12 ft., capacity 630 gallons.

One special horizontal cylinder double acting hand force pump, brass lined.
One No. 600 hand air force pump.
One air pressure gauge.
One water gauge with water glass and guard rods.
One 1 in. gate valve.
One 1 in. check valve.
One ⅜ in. globe valve for the air pipe.
One ⅜ in. check valve for the air pipe.
One 1¼ in. foot valve and strainer.
Price of this outfit..... **$93.00.**

THE LOWEST PRICES EVER QUOTED ON 1ST. CLASS PNEUMATIC WATER SUPPLY OUTFITS.

OUTFITS WITH HAND AIR VALVE.



This outfit is furnished without the special hand air pump. We furnish instead a little hand air cock and when air is needed in the tank, if this is open a small amount of air will be admitted with the water and can be forced into the tank until the proper air cushion is restored. These outfits work very well. We do not recommend them as being as entirely satisfactory as the outfit with the hand air pump, but a great many of them are used.

OUTFIT NO. A. P. 11.

This outfit consists of a special Chicago Air Pressure tank, 30 in. x 8 ft., tapped to lay horizontally, capacity 295 gallons

One special air and water horizontal cylinder force pump, brass lined; one 1 in. check valve; one 1 in. gate valve; one 1¼ in. foot valve and strainer; one 2½ in. elbow tap to receive air cock; one air cock; one air pressure gauge; one water gauge with water glass, guard rods, etc.

Price of this outfit **$60.00**

OUTFIT NO. A. P. 12.

This outfit consists of a special Chicago Air Pressure tank 36 in. x 8 ft., capacity 425 gallons.

One special air and water horizontal cylinder force pump, brass lined; one 1 in. check valve; one 1 in. gate valve; one 1¼ in. foot valve and strainer; one 1¼ in. elbow tap to receive air cock; one air cock; one air pressure gauge; one water gauge with water glass, guard rods, etc.

Price of this outfit **$73.00**

OUTFIT NO. A. P. 13.

This outfit consists of a special Chicago Air Pressure Tank 36 in. x 12 ft., capacity 630 gallons.

One special air and water horizontal cylinder force pump, brass lined; one 1 in. check valve; one 1 in. gate valve; one 1¼ in. foot valve and strainer; one 1¼ in. elbow tap to receive air cock; one air cock; one air pressure gauge; one water gauge with water glass, guard rods, etc.

Price of this outfit ..... **$88.00.**

OUTFIT NO. A. P. 15.

This outfit consists of one special Chicago Air Pressure tank 42 in. in diameter, 4 ft. long, capacity 1,000 gallons.

One special air and water horizontal cylinder force pump, brass lined; one 1 in. check valve; one 1 in. gate valve; one 1¼ in. foot valve and strainer; one 1¼ in. elbow tap to receive air cock; one air cock; one water gauge with water glass, guard rods, etc.

Price of this outfit **$130.00**

OUTFIT NO. A. P. 16.

This outfit consists of one special Chicago Air Pressure Tank, 42 in. in diameter, 16 ft. long, capacity 1,150 gallons.

One special air and water horizontal cylinder force pump, brass lined; one 1 in. check valve; one 1 in. gate valve; one 1¼ in. foot valve and strainer; one 1¼ in. elbow tap to receive air cock; one air cock; one air pressure gauge; one water gauge with water glass, guard rods, etc.

Price of this outfit ..... **$137.00.**

OUTFIT NO. A. P. 17.

This outfit consists of one special Chicago Air Pressure tank 48 in. x 16 ft., capacity 1,500 gallons.

One special air and water horizontal cylinder force pump, brass lined; one 1 in. check valve; one 1 in. gate valve; one 1¼ in. foot valve and strainer; one 1¼ in. elbow tap to receive air cock; one air cock; one air pressure gauge; one water gauge with water glass, guard rods, etc.

Price of this outfit ..... **$170.00.**

OUTFIT NO. A. P. 18.

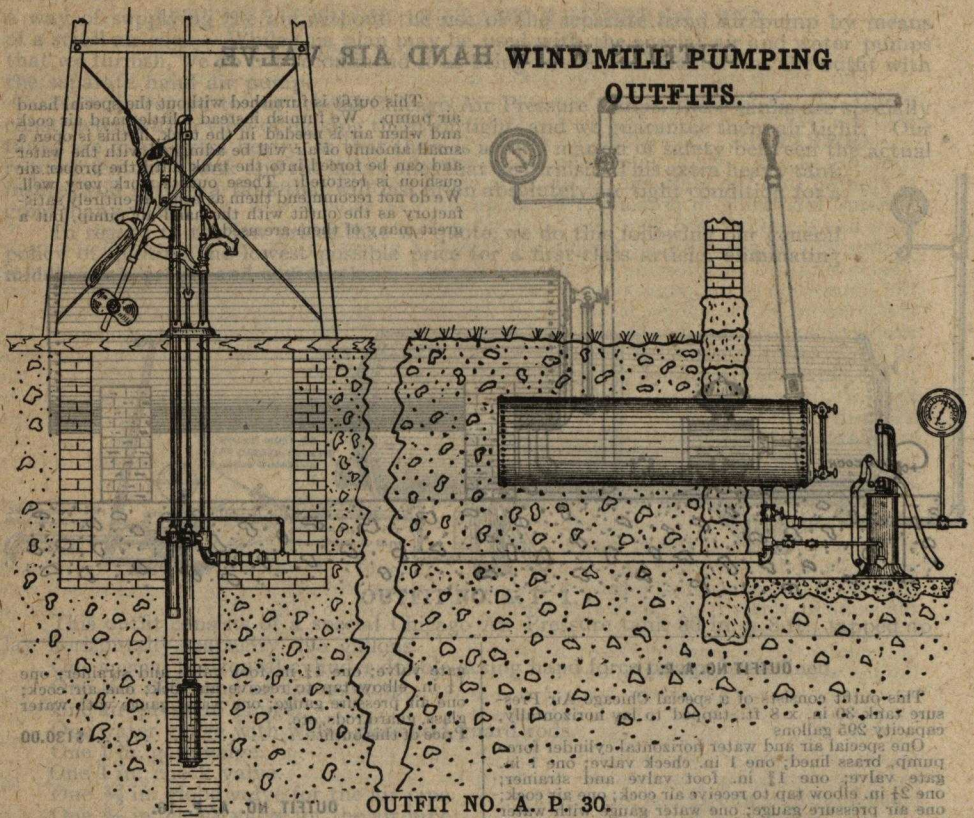
This outfit consists of one special Chicago Air Pressure tank 48 in. x 20 ft., capacity 880 gallons.

One special air and water horizontal cylinder force pump, brass lined; one 1 in. check valve; one 1 in. gate valve; one 1¼ in. foot valve and strainer; one 1¼ in. elbow tap to receive air cock; one air cock; one air pressure gauge; one water gauge with water glass, guard rods, etc.

Price of this outfit ..... **$215.00.**

WRITE FOR PRICES ON ELECTRIC PUMPING OUTFITS.

WINDMILL PUMPING OUTFITS.



OUTFIT NO. A. P. 30.

This is a very fine outfit for the farmer. We use one of our special No. 273 windmill regulator force pumps. It has an adjustable stroke. This pump is easily set in position, easily adjusted to any well or to any elevation of water. The adjusting weight is near the platform and can be readily changed when necessary. The hydraulic cylinder has a seamless brass tube and is properly arranged for the various sizes of mills. In ordering be sure to specify the size mill that you have. This pump has our patent regulator cylinder and when the pressure in the tank reaches the pressure to which the mill is adjusted, this regulator cylinder will throw the mill out of gear and stop the pumping. When the pressure falls to the point at which the weight is set, it will throw the mill in gear again automatically, and it will start the pumping.

Using these outfits you are assured of always having a tank full of water, providing there is wind enough to turn the mill. The gate valve between the pump and the tank should be left open, and we provide two strong check valves, and these will hold the pressure in the tank with the other valve open. This device being entirely automatic the mill will only pump enough water to fill the tank to the required pressure, and then it will stop.

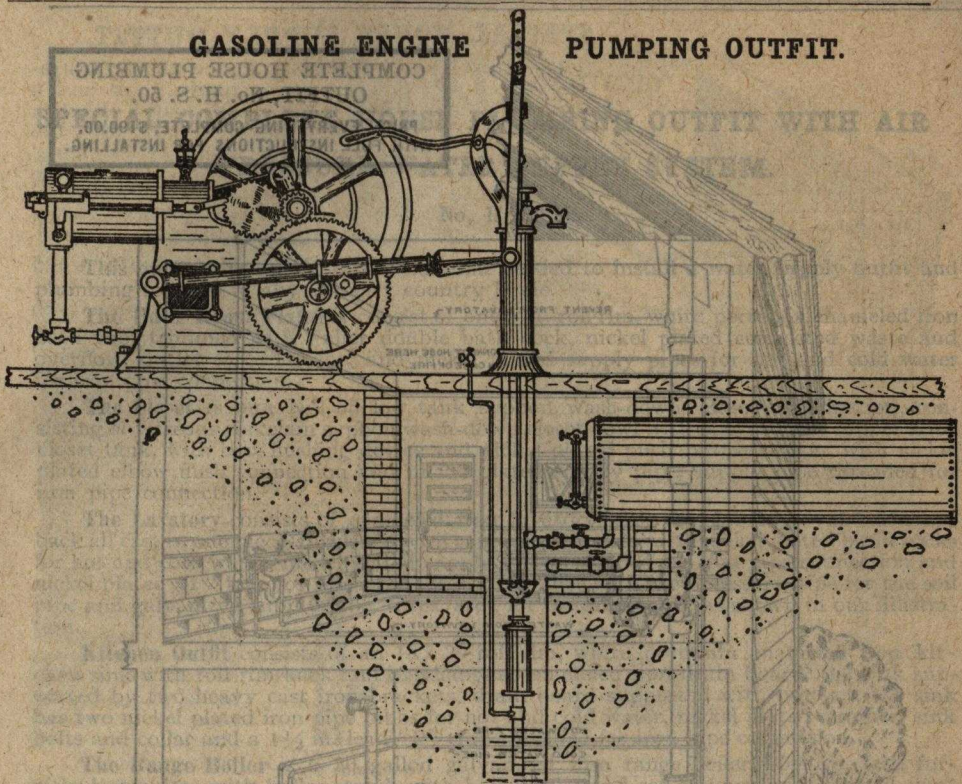
The price of this outfit will depend a little on the size of the pump required, that is, the size of your well casing. Figuring with a 2 in. well and a 10 in. stroke: 1¼ in. suction pipe; 1 in. discharge pipe, and one all brass deep well cylinder 20 in. in length; one special windmill regulating force pump; one No. 600 hand air force pump; one pressure gauge; one water gauge with glass, guard rods, etc.; one 1 in. gate valve; two 1 in. check valves; one ⅜ in. globe valve; one ⅜ in. check valve; one 1 in. safety valve and one special Chicago Air Pressure tank, size 4 ft. in diameter by 24 ft. in length, capacity 2,260 gallons. This tank is made of 5/16 in. shell and ½ in. heads and is guaranteed air tight. Outfit complete as above..... **$250.00.**

In using an outfit of this kind with a powerful windmill, or in an outfit with a gasoline engine, a safety valve should be set in the system either on the inlet pipe between the pump and the tank, or the outlet from the tank to the house supply. This safety valve should be set at not to exceed 100 lbs. pressure, so that if inadvertently the pressure in the tank becomes as great as this it could escape through the safety valve without damaging your plumbing fixtures.

We can furnish outfits with larger or smaller tanks than the above. Prices on other sizes quoted on application.

WRITE FOR SPECIAL LISTS AND QUOTATIONS ON ORNAMENTAL IRON FENCE.

GASOLINE ENGINE PUMPING OUTFIT.



OUTFIT NO. A. P. 40.

The gasoline engine furnished in this outfit is a 1½ H. P. gasoline, carefully designed and very simple. It contains very few parts and is as free from complications as it is possible for an engine to be. It is very strongly made. The electric igniter is simple and durable in construction. All parts of the engine are in plain view and very accessible. The gasoline is carried in the cast iron base of the engine where there is no possible danger from explosion. It is not conducted to the engine by gravity feed, but is elevated from the base as it is used. This is the safest and most reliable type of gasoline engine.

The advantage of not using the elevated gasoline can is easily understood. Gravity feeds are dangerous. Should the engine stop when the attendant is not near, the gasoline will continue to flow, filling the engine with gasoline, after which the floor will probably become saturated. Gasoline cans are liable to become leaky and small pipe connections liable to become broken. These difficulties are entirely obviated with our engines. After being carefully assembled these engines are given a test of two or three days' continuous running under full load. We ship with this engine the necessary wrenches, oil can, batteries, spark coils, switch and wire for connecting the batteries.

The pump jack which is furnished with this engine is so arranged as to give a slow upward working stroke and a rapid downward return stroke, which arrangement makes it possible to lift more water than when the upward and downward strokes are made at the same speed. At the same time less wear is produced on the pump. This jack is directly connected with the engine with the finest quality machine cut gears, which are so designed as to be very strong and capable of withstanding the wear put upon them without wearing away.

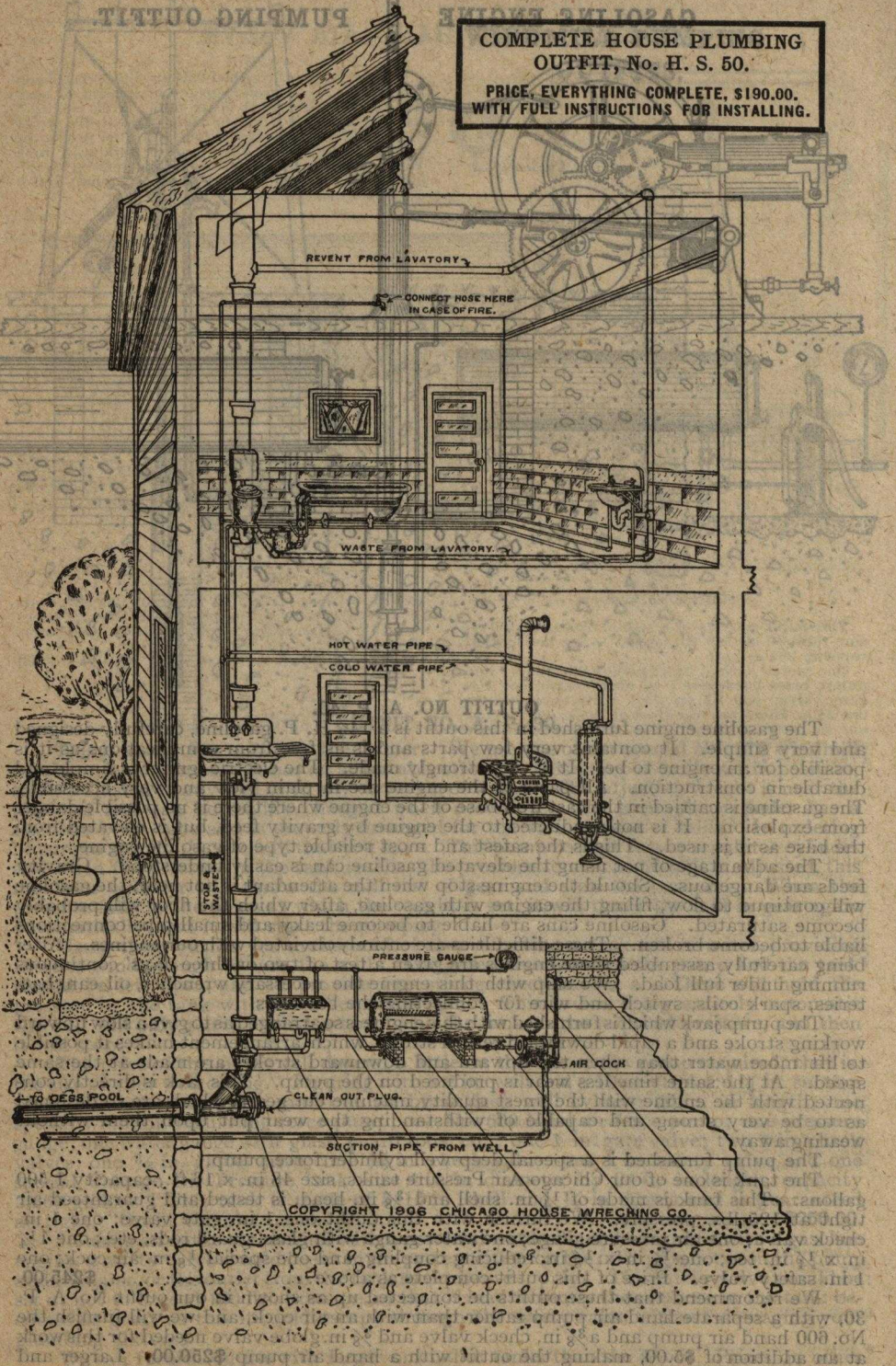
The pump furnished is a special deep well cylinder force pump.

The tank is one of our Chicago Air Pressure tanks, size 48 in. x 16 ft., capacity 1,500 gallons. This tank is made of ¼ in. shell and ⅜ in. head, is tested and guaranteed air tight at 125 lbs. pressure. We furnish with this outfit one 1 in. gate valve; one 1 in. check valve; one air pressure gauge; one water gauge with glass, guard rods, etc.; one 1¼ in. x ¼ in. tee; one ¼ in. x ⅛ in. reducing coupling, and one special ⅛ in. air cock; one 1 in. safety valve. Price of this outfit complete as above..... **$245.00.**

We recommend that these outfits be connected up as shown in our outfit No. A. P. 30, with a separate hand air pump rather than with an air cock, and we will furnish the No. 600 hand air pump and a ⅜ in. check valve and ⅜ in. globe valve needed for this work at an addition of $5.00, making the outfit with a hand air pump **$250.00.** Larger and smaller size tanks can be furnished. Prices quoted on these other sizes of tanks on application.

COMPLETE HOUSE PLUMBING OUTFIT, No. H. S. 50.

PRICE, EVERYTHING COMPLETE, $190.00. WITH FULL INSTRUCTIONS FOR INSTALLING.



WRITE FOR OUR SPECIAL HEATING CATALOGUE.

SPECIAL COMPLETE HOUSE PLUMBING OUTFIT WITH AIR PRESSURE WATER SUPPLY SYSTEM.

No. H. S. 50.

This outfit contains all of the material needed to install a water supply outfit and plumbing fixtures in any ordinary country home.

The Bath Room Fixtures consist of one 5 ft. roll rim, white porcelain enameled iron bath tub, trimmed with Fuller double bath cock, nickel plated connected waste and overflow, outlet for iron pipe, and nickel plated supply pipes for hot and cold water for iron pipe connection.

The Closet IS OUR No. 55 low tank syphon wash-down closet combination, consisting of vitreous porcelain syphon wash-down closet bowl with polished oak copper lined closet tank, with best flushing device and nickel plated push button action, with nickel plated elbow flush connection and nickel plated supply pipe, supply pipe threaded for iron pipe connection.

The Lavatory consists of enameled iron lavatory with the slab and oval basin and back all cast in one piece, furnished with cast iron brackets, with nickel plated basin cocks for hot and cold water, nickel plated supply pipes threaded for iron pipe connection and nickel plated "P" trap for iron pipe thread; together with the necessary pipe for the soil pipe and galvanized supply pipe, traps, etc., for installing this, as shown in our illustration.

Kitchen Outfit consists of an 18 x 30 roll rim, white porcelain enameled iron kitchen sink with roll rim back and overhanging enameled iron drain board, the sink supported by two heavy cast iron brackets, drain board supported with bracket, the sink has two nickel plated iron pipe bibbs for hot and cold water, nickel plated strainer, sink bolts and collar and a 1½ in. lead "P" trap threaded for iron pipe connection.

The Range Boiler is a 30 gallon galvanized iron range boiler, 200 lbs. test, furnished complete with boiler stand, with boiler tube and set of four brass ground joint couplings with iron pipe threads; one set of our lead pipe boiler connections.

One Water Front to fit your cook stove. In ordering be sure to give us the name of the manufacturer of your stove, the size and the number, in fact all distinguishing marks, so that we can be sure to get a water front from the manufacturer that will exactly fit your stove.

The Laundry Outfit consists of one of our No. 6, 2 part Economy Stone Ware Laundry Tubs with iron legs, with two pair of ½ in. iron pipe bibbs, and one 1½ in. short lead "S" trap threaded for iron pipe.

The Water Supply Outfit is one of our No. A. P. 11 Air Pressure Water Supply Outfits, the tank being our special "Chicago" air pressure tank, 30 in. x 8 ft., capacity 295 gallons, pump being one of our combined special air and water horizontal cylinder brass lined force pumps with gauges and valves, etc., as described in the Outfit No. A. P. 11.

One 50 ft. length of our 5-ply star Brand garden hose, with couplings and screw tip nozzle. This hose is an especially fine grade of garden hose.

We will furnish the above fixtures, together with all of the soil pipe, soil pipe fittings, galvanized iron supply pipe, and galvanized fittings, sill cock, outside hose connection and the hose faucet for the attic connection, in fact all of the material needed to install this outfit in an ordinary two-story house as we show in our illustration for..... **$190.00.**

If you do not want us to furnish water front for your kitchen range, you may deduct $5.00, making the price of the entire outfit without water front..... **$185.00.**

We will furnish full instructions for installing the above and any handy man can install the same in a perfectly sanitary and satisfactory manner.

PINE CITY, MINN., May 11, '06.

In regard to water plant for private house which I bought of you last spring, it is certainly a success. Ten minutes pumping each day furnishes ample force and it is very satisfactory.

Respectfully,

J. J. MADDEN.

SPECIAL PRICES ON ANY PART OF THE ABOVE OUTFIT QUOTED ON REQUEST.

SPECIAL HOUSE SUPPLY OUTFIT.

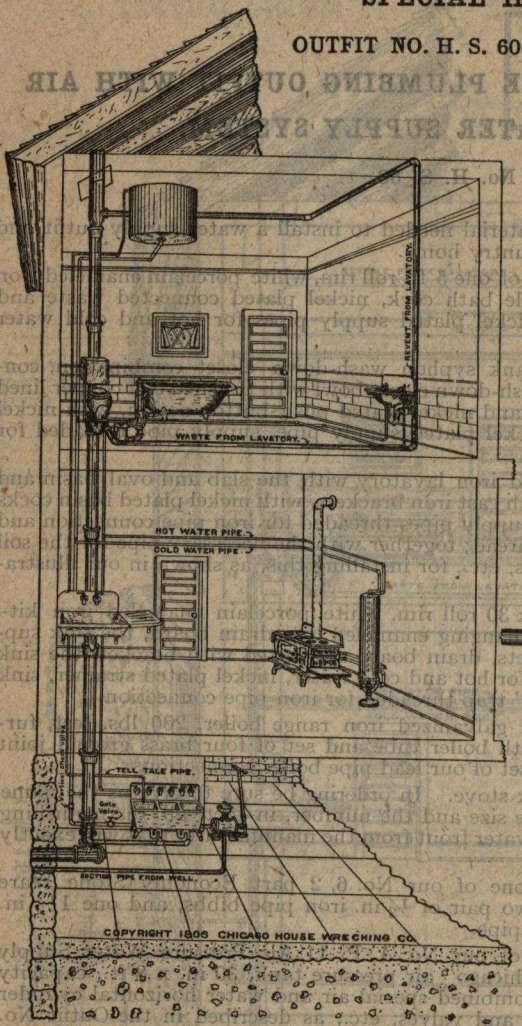


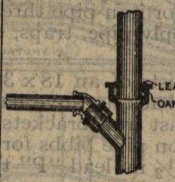
Fig. 9.

OUTFIT NO. H. S. 60.

We show in the above illustration an attic storage tank and a pump, a bathroom outfit, kitchen sink, range boiler, laundry tubs, the necessary pipe, etc., for installing, and we will furnish you with the above outfit and all the necessary piping for installing it, just as shown in this illustration, as follows:

The Bath Room Outfit would consist of a 5 ft. 3 inch rolled rim, white porcelain enameled iron bath tub, trimmed with Fuller double bath cock for hot and cold water, nickel plated connected waste and overflow, chain and rubber stopper, a pair of 1½ in. nickel plated brass supply pipes from the tub to the floor, threaded for iron pipe connections.

The Closet would be one of our modern up-to-date, low tank, syphon wash-down closet outfits No. 55, with vitreous porcelain wash-down closet bowl, polished oak, copper lined tank, with best flushing device and nickel plated push button action, with nickel plated supply pipe to the floor, threaded for iron pipe connection.



Sectional Detail of stack showing how waste from laundry tubs is run into it with a 45° ell and Y joint.

The Lavatory would be a half circle cast iron, white porcelain enameled iron lavatory, with slab, basin and back cast in one piece, furnished with painted cast iron brackets, with nickel plated basin cocks for hot and cold water, nickel plated supply pipes to the floor, and nickel plated threaded "P" trap with waste to the wall, nickel plated chain and rubber stopper.

The Kitchen Sink would be an 18 x 30 rolled rim, white porcelain enameled iron kitchen sink, with back and with drain board, with brackets for the sink, and one bracket for the drain board, with nickel plated flanged bibbs for ½ in. iron pipe connections, with 1½ in. lead "P" trap, threaded for iron pipe connection.

One 30 gallon galvanized iron range boiler, 200 lbs. test, complete with stand, tube and four brass couplings, with ground joint unions, threaded for iron pipe connection, one set of lead pipe boiler connections to connect between the water front of the range and the boiler.

One six barrel galvanized iron open top storage tank No. A4, tank fitted with a 1 in. iron pipe inlet in the bottom and a ½ in. overflow 5 in. from the top.

One No. 1 figure 705 pump, brass lined, with 1¼ in. suction and 1 in. discharge.

One No. 6 two part stoneware laundry tub, with legs, with two ½ in. brass bibbs, for iron pipe—for hot and cold water, one 1¼ in. short lead "S" trap, threaded for iron pipe connection. One water front to fit your range. When ordering be sure to give us the name of the manufacturer of your range, the size and the number of your range. Give us all the distinguishing marks on this, so that we can get the water front that is made for your range, and we will furnish with the above outfit the necessary soil pipe and soil pipe fittings, traps, galvanized pipe and pipe fittings, caulking lead and oakum, all the valves, etc., that may be needed for installing this outfit in a strictly first-class manner.

If you have a water front for your range and do not need another, deduct $5.00.

Our special price on the entire outfit is ..... $150.00.

GET OUR QUOTATIONS ON A MODERN HOT WATER HEATING PLANT.

HIGH GRADE SIDEBOARDS.

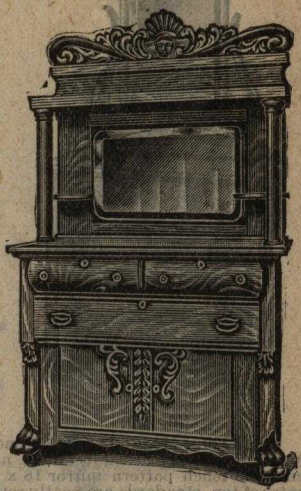
AT PRICES LOWER THAN EVER BEFORE OFFERED.



NO. 452.



NO. 942.



NO. 9700.

NO. K452. A large and unusually attractive sideboard, with handsomely designed and deeply carved standards and top piece. 5 roomy shelves fitted with handsome oval glass, 20 x 20, base 45 x 22. Material solid oak, well seasoned. Top drawers are of genuine quarter sawed oak. It is finished in rich golden gloss. Shipping weight about 175 lbs. Price **$18.00**

NO. K942. This solid oak sideboard of high gloss finish, has a top 22 x 48 in., made of clear solid oak. Top drawers quarter sawed oak serpentine shape. Trimmings cast brass. Glass is genuine French beveled plate, 18 x 32. Has ½ claw feet. Shipping weight about 175 lbs. Price..... **$18.75**

NO. K9700. This sideboard is made of royal quarter sawed oak. Top is 24 in. deep and 48 in. wide; has heavy claw feet; top drawers are rounded. Cabinets swelled from the posts, giving it a very rich and ornamental appearance; the standards are round, supporting one heavy shelf and two small ones. Genuine French bevel mirror, 18 x 30 inches. Shipping weight about 225 lbs. Price..... **$19.75**



NO. 279.



NO. 379.



NO. 357.

NO. K279. This large and massive sideboard is made of royal quarter sawed oak throughout. Top of base is 24 x 48. It has a large, roomy cupboard. The two small drawers are rounded, one being lined for silverware. It has hadsome curved claw feet. The French beveled mirror is 22 x 28. One of the best values we offer. Shipping weight about 250 lbs. Price **$22.50**

NO. K379. A very attractive design in royal quarter sawed oak. It stands 84 inches in height. Top of base is 24 x 48. Fitted with a French beveled mirror, 22 x 28; has very handsome rounded standards. All carvings are deep and artistic. A beautiful piece of furniture, well finished and designed. Shipping weight about 250 lbs. Price **$21.50**

NO. K357. This high grade sideboard is made throughout of genuine quarter sawed oak, highly rubbed and polished. Has heavy claw feet. Top drawers are shaped, while the linen drawer is full swell. Trimmings best cast brass. Top of base is 24 x 48. Has heavy French beveled plate mirror, 18 x 32. Shipping weight about 275 lbs. Price..... **$27.50**

These prices cannot be approached by any Mail Order House.

ELEGANT OAK DRESSERS.



NO. 220.



NO. 50.



NO. 212.

NO. K220. Made of well seasoned oak in a very handsome pattern, finished in golden oak and highly glossed. Drawers are dovetailed, neat brass pulls, lock and key. Size of top 18 x 38 in. Fitted with genuine French pattern mirror 18 x 24 inches, nicely shaped frame of oak with heavy carved ornament in center of top, standards are neatly rounded and mounted with carvings. Best quality casters. Weight 100 lbs.
Price..... **$9.75**

NO. K50. This dresser is made of solid oak, thoroughly air seasoned and kiln dried. Finished in golden oak with a high gloss. Heavy oak is used in drawer guides, insuring strong, indestructible and easy working drawers. Mirror is heavy French bevel, 14 x 24 in. Fitted in a nicely rounded shaped frame. Automobile casters. Weight 100 lbs.
Price..... **$10.50**

NO. K212. This high grade dresser has a genuine quarter sawed oak front, finished in a dark rich golden, highly polished. Full 3 in. swell front with 4 drawers, lock and key. Has very heavy double top, size 23 x 42. The large mirror is a genuine French beveled pattern, 22 x 28. Best quality casters. This dresser is very handsome. Weight 160 lbs.
Price..... **$14.50**



NO. 62.



NO. 63.



NO. 60.

NO. K62. Elegant solid dresser, made of very choice material throughout, thoroughly air seasoned and kiln dried, insuring it against warping or checking. Drawers are perfect fitting and slide very easily. Polished brass pulls and brass key hole ornaments, serpentine shape top and front. Size of base 20 x 42 inch. Mirror is best beveled French plate, size 24 x 30. Finished golden and highly polished. Easy running casters. Weight 165 lbs.
Price..... **$15.25**

NO. K63. Heavy solid oak dresser, made of best selected material. This dresser is of very handsome design 20 x 42 in. top. Full serpentine front, polished brass bail drawer pulls, extra large mirror of best French bevel plate, size 24 x 30 in., unique design, supported on handsomely designed standards. Weight 165 lbs.
Price..... **$16.00**

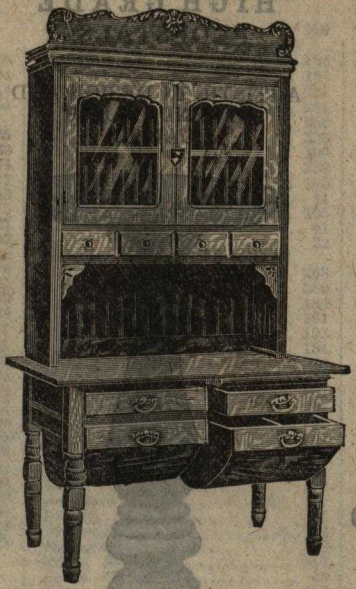
NO. K60. This is a strictly high grade dresser, made with selected, genuine quarter sawed oak front. The solid oak top is 22 in. wide by 42 in. long, made double, with serpentine front. Front of base is full serpentine shape quartered oak. Drawers are very large and roomy with elegant solid brass pulls and brass key hole ornaments. The large oval mirror is the best French bevel plate, 24 x 30 in. Weight 175 lbs.
Price..... **$18.00**

All Joints are Dovetailed Douls—No Glue Used Whatever.

KITCHEN CABINETS AND CUPBOARDS.



NO. 638.



NO. 6.



NO. 610.

NO. P638. Made of poplar with projecting shelf; 12 x 34 in. glass in doors; 39 in. wide; 7 ft. 3 in. high. Finished in beautiful golden oak. Complete with all hardware. Weight 130 lbs.. Price .....(shipped knocked down).....**$8.75**

NO. P6. Height 82 in., 12½ in. deep; top part 41 in. wide, glass doors in top finished in golden oak. The flour and sugar bins in base can easily be taken out and cleaned. Guaranteed not to leak flour. Weight 90 lbs. Price.....**$14.75**

NO. P55. Oak or maple, strong and well made, two sliding doors, two drawers and long shelf, all panel back; top height 34 in., width 42 in., depth 12 inches. Base has two mixing boards, two large drawers for cutlery, and two large flour drawers with curved built up, veneer stock fronts. Price.....**$11.25**

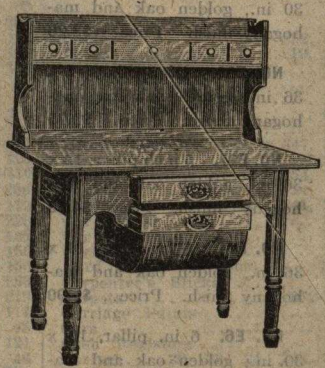
NO. P65. Made in oak or maple, height of top 50 in., width 44 in., depth 12 in. Base 30½ in. high, top of base 26 x 47 in. Has bread board, 3 drawers, flour bin and cupboard with two doors. Price.....**$15.75**

NO. P25. Made of oak or maple, height of top 25 in., length 40 in. Contains 5 small drawers, one large drawer, bread board and flour bin. The top of base is 42 x 26 in. Weight 65 lbs. Price.....**$6.50**

NO. P610. Oak front, 7 ft. 10 in. high, 40 in. wide, base 18 in. deep, top 12½ in. deep, 12 x 28 in. glass in doors. Construction is first-class in every respect and a bargain at this price. Weight 160 lbs. Price .....(shipped knocked down).....**$12.00**



NO. 65.



NO. 25.



NO. 55.

These Cabinets are of Superior Construction.

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IN CONCLUSION.

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