



1896.

NUMBER 8.

THE COOK WELL COMPANY,

703 and 705 Market Street,

ST. LOUIS, MO.





TO THE PUBLIC.

In
Introducing
Our
Catalogue

WE give the public the practical results of twenty-five years' experience in procuring water by means of deep wells. The daily increase in the number of inquiries regarding the best means of obtaining a water supply has prompted us to complete this book as a helpmate to all who are in need of such. We have endeavored to enable every purchaser to determine exactly what material he needs—of our success let the public judge.



The Cook Well Co.,

Contractors for Water Supply.

Well Supplies of every Description.

St. Louis, Mo. Nov. 21, 1896

Andre Fourchy, Contractor,
#125 Carondelet St.,
New Orleans, La.

Dear sir:-

Your postal of the 19th received and noted. In compliance with your request, we this day mail to you under separate cover one of our latest illustrated catalogues No.8, from the list prices which you will find therein we will allow you the following discounts:- 10% on our patent brass tube well strainers, as listed on page 20, and 35% on the balance of material listed therein; also 15% from the enclosed list of different size deep well pumping engines or steam ends we manufacture; all quotations f. o. b. cars St. Louis, Mo. terms cash in 30 days.

We also to-day mail you under separate cover a small sample of our patent brass tube well strainer, showing the different size openings we cut in them. This strainer is considered far superior to any other well point or strainer manufactured; the reason of which for making this assertion you will find on page 19 of catalogue. We can make them in diameters suitable from 2 " to 10" pipe and in any length desired. We have had a large experience sinking our system of wells throughout the entire South, especially in New Orleans, where we have proven successful in all our attempts and where our strainers etc. are working to the best of satisfaction.

Hoping to be able to do some business with you at an early date, we remain,

Yours truly,

D M. S.

THE COOK WELL COMPANY.

NET PRICES

STEAM ENDS

TO DEALERS.

Diameter Steam Cylinder.	Length of Stroke.	Shipping Weight.	Price of Steam End only.
4 inches.	8 inches.	400 lbs.	\$ 75 00
6 "	14 "	800 "	135 00
5 "	24 "	800 "	135 00
6 "	24 "	900 "	150 00
10 "	24 "	1,600 "	225 00
6 "	36 "	975 "	185 00
8 "	36 "	1,525 "	225 00
10 "	36 "	1,775 "	260 00
12 "	36 "	2,400 "	285 00
16 "	36 "	5,100 "	500 00

— THE —
COOK WELL COMPANY

(INCORPORATED)

MANUFACTURERS OF AND DEALERS IN

TUBULAR WELL SUPPLIES.

**Cook's Patent Strainers, Pumping Engines
Hydraulic Jacks,
Diamond Rock Drills, Etc.**

—
Cook's Improved Mining Pumps. *

*** Cook's System of Tube Wells.**

—
CONTRACTORS FOR

WATER SUPPLY

— FOR —

**CITIES, TOWNS, RAILWAY STATIONS, BREWERIES,
MANUFACTURERS, Etc.**

—
WELL DRILLING AND PROSPECTING.



ST. LOUIS, U. S. A.

HOW TO ORDER

Make your order CLEAR, DISTINCT and COMPLETE.

Always read your Orders over after they are written, to avoid mistakes.

Never incorporate an order in the body of a letter, but make your order on a separate sheet or by itself on the same sheet.

Give us page and publication, and what you want by figure.

Never order by referring to a former shipment, but make your order SHOW ON ITS FACE ALL THAT YOU WANT.

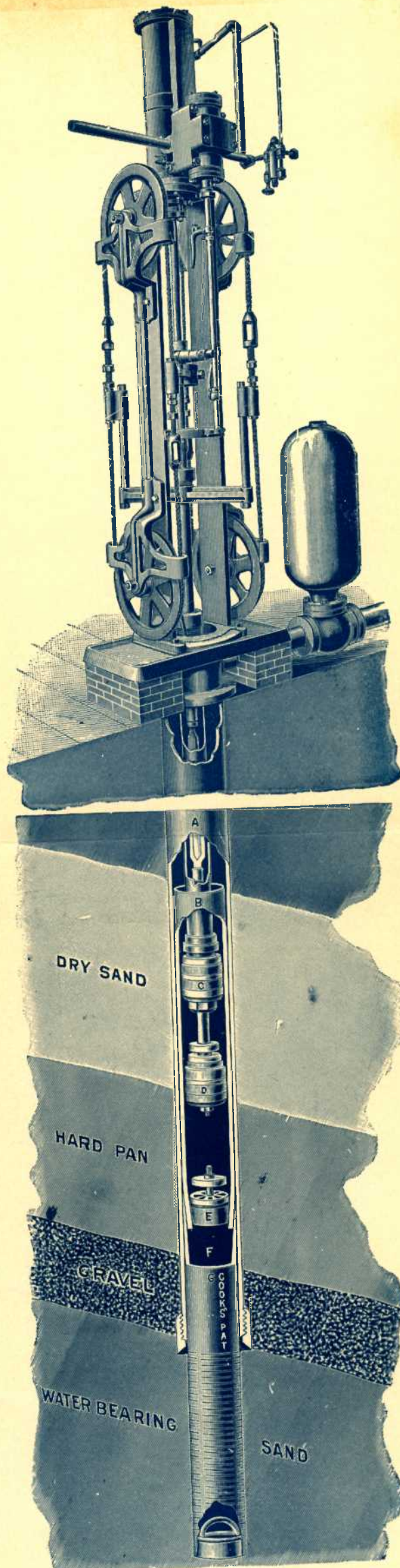
We will not be responsible for mistakes made by your leaving us to guess at what is wanted.

REMITTANCES

May be made by Draft on New York, Chicago or St. Louis, Post-Office Money Order, Express Money Order, or Express.



Roman 10-22-60-\$12.50



THE cut on the opposite page illustrates one of Cook's SYSTEM OF DEEP WELLS complete.

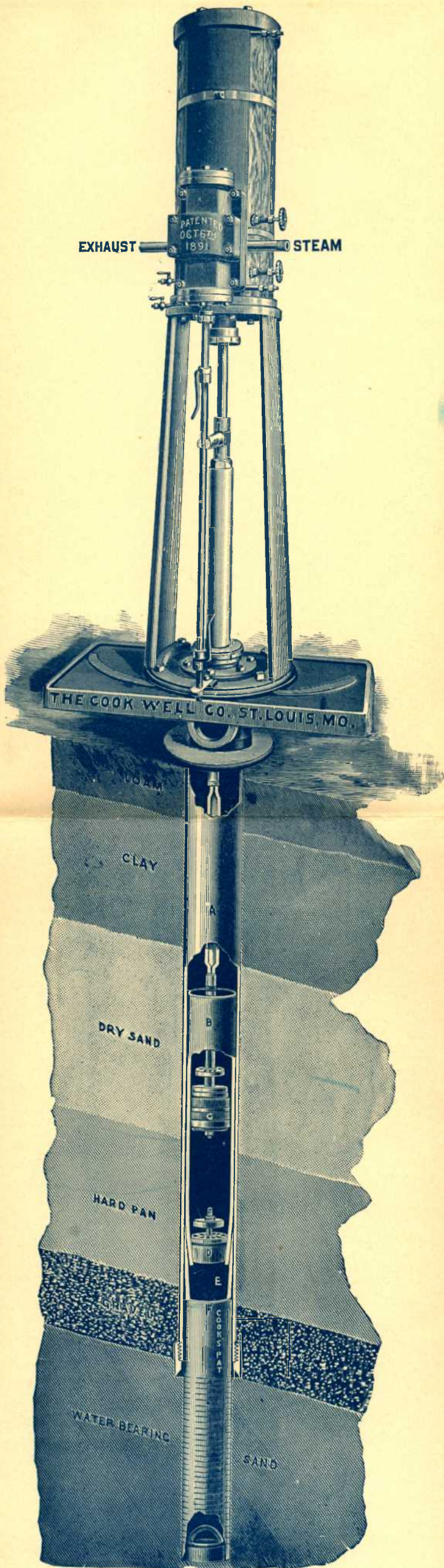
The COOK WELL consists of a heavy wrought iron tubing (lap-welded wrought iron gas pipe) having a smooth inside surface screwing together in sections, making one continuous cylinder from the top to the bottom, and is sunk into the ground until water is reached, when a COOK'S PATENT STRAINER is put into the water strata. The upper end of strainer has a gum or lead packer attached which extends into the main tube, and one of our working barrels is driven into the gum packer. The check valve is then placed in the lower end of the working barrel, and the plunger attached to the pump rods which extend to the surface and connect with our DEEP WELL PUMPING ENGINES, which operate the plunger in the working barrel.

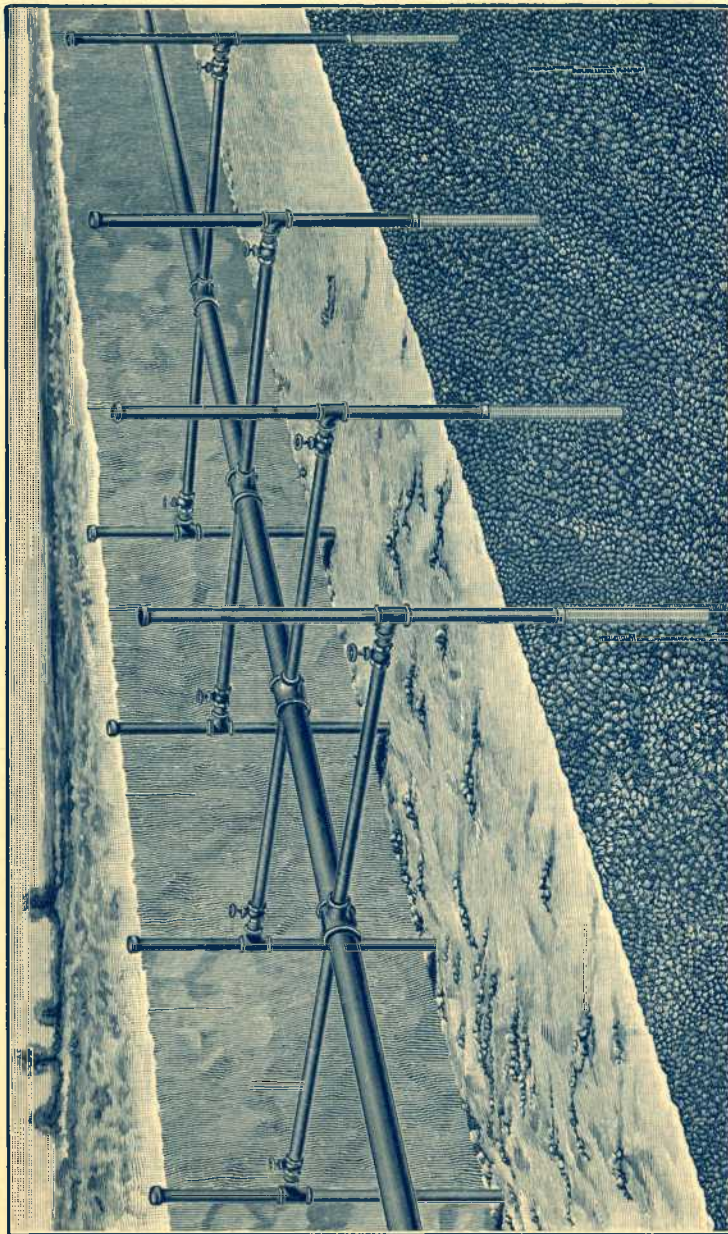
THIS SYSTEM IS IN OPERATION IN THE FOLLOWING PLACES:

Water Works,	Hastings, Neb.	Water Works,	Albion, Neb.
" " " " " "	Holdredge, Neb.	" " " " " "	Orleans, Neb.
" " " " " "	Minden, Neb.	" " " " " "	Tecumseh, Neb.
" " " " " "	Falls City, Neb.	" " " " " "	Ashland, Neb.
" " " " " "	Aurora, Neb.	" " " " " "	Edgar, Neb.
" " " " " "	David City, Neb.	" " " " " "	McPherson, Kan.
" " " " " "	Seward, Neb.	" " " " " "	Geneva, Neb.
" " " " " "	Princeton, Ill.	" " " " " "	Champaign, Ill.
" " " " " "	Kewanee, Ill.	" " " " " "	Bushnell, Ill.
" " " " " "	Mayfield, Ky.	" " " " " "	Nappanee, Ind.

MANUFACTURERS USING THIS SYSTEM:

Southern Cotton Oil Co.	Memphis, Tenn.	Memphis, Tenn.	Memphis, Tenn.
Memphis Brick Works	Memphis, Tenn.	Memphis, Tenn.	Memphis, Tenn.
Tennessee Brewing Co.	Memphis, Tenn.	Memphis, Tenn.	Memphis, Tenn.
Gayoso Hotel	Memphis, Tenn.	Memphis, Tenn.	Memphis, Tenn.
Peabody Hotel	Memphis, Tenn.	Memphis, Tenn.	Memphis, Tenn.
Hotel Luehrmann	Memphis, Tenn.	Memphis, Tenn.	Memphis, Tenn.
Jos. Schlitz Brewing Co.	Memphis, Tenn.	Memphis, Tenn.	Memphis, Tenn.
Bohlen-Huse Ice Co.	Memphis, Tenn.	Memphis, Tenn.	Memphis, Tenn.
Valley Oil Mills	Memphis, Tenn.	Memphis, Tenn.	Memphis, Tenn.
J. W. Browne	Memphis, Tenn.	Memphis, Tenn.	Memphis, Tenn.
Morrison Packing Co.	Kansas City, Mo.	Kansas City, Mo.	Kansas City, Mo.
Hamilton-Brown Shoe Co.	St. Louis, Mo.	St. Louis, Mo.	St. Louis, Mo.
St. George Hotel	Evansville, Ind.	Evansville, Ind.	Evansville, Ind.
F. W. Cook Brewing Co.	Evansville, Ind.	Evansville, Ind.	Evansville, Ind.
Fulton Avenue Brewing Co.	Evansville, Ind.	Evansville, Ind.	Evansville, Ind.
Artificial Ice Co.	Helena, Ark.	Helena, Ark.	Helena, Ark.
Border City Ice Co.	Fort Smith, Ark.	Fort Smith, Ark.	Fort Smith, Ark.
Anchor Oil Co.	Helena, Ark.	Helena, Ark.	Helena, Ark.
Crystal Ice Co.	Little Rock, Ark.	Little Rock, Ark.	Little Rock, Ark.
Little Rock Ice Co.	Little Rock, Ark.	Little Rock, Ark.	Little Rock, Ark.
Southern Cotton Oil Co.	Atlanta, Ga.	Atlanta, Ga.	Atlanta, Ga.
Tamm Bros. Glue Works,	St. Louis, Mo.	St. Louis, Mo.	St. Louis, Mo.
Artificial Ice Co.	Dallas, Texas.	Dallas, Texas.	Dallas, Texas.
Burke & Dougherty,	Baton Rouge, La.	Baton Rouge, La.	Baton Rouge, La.
N. K. Fairbank Lard & Soap Co.	St. Louis, Mo.	St. Louis, Mo.	St. Louis, Mo.
Larkin & Scheffer, Manufacturing Chemists	St. Louis, Mo.	St. Louis, Mo.	St. Louis, Mo.
Little Rock Oil & Compress Co.	Little Rock, Ark.	Little Rock, Ark.	Little Rock, Ark.
Mill Creek Distilling Co.	Cincinnati, Ohio.	Cincinnati, Ohio.	Cincinnati, Ohio.
Maddox, Hobart & Co.	Cincinnati, Ohio.	Cincinnati, Ohio.	Cincinnati, Ohio.
Bremaker-Moore Paper Co.	Louisville, Ky.	Louisville, Ky.	Louisville, Ky.
Colorado Automatic Refrigerating Co.	Denver, Colo.	Denver, Colo.	Denver, Colo.
Emma Cotton Seed Oil Co.	Pine Bluff, Ark.	Pine Bluff, Ark.	Pine Bluff, Ark.
Artificial Ice Co.	Pine Bluff, Ark.	Pine Bluff, Ark.	Pine Bluff, Ark.
Baton Rouge Ice Co.	Baton Rouge, La.	Baton Rouge, La.	Baton Rouge, La.
Chautauqua Lake Ice Co.	Pittsburg, Pa.	Pittsburg, Pa.	Pittsburg, Pa.
Union Cold Storage Co.	Pittsburg, Pa.	Pittsburg, Pa.	Pittsburg, Pa.
Paducah Ice Co.	Paducah, Ky.	Paducah, Ky.	Paducah, Ky.
Ft. Bliss,	El Paso, Texas.	El Paso, Texas.	El Paso, Texas.





COOK'S System of Tube Wells for obtaining an inexhaustible water supply for water works for cities, towns and villages, and water supply for factories, breweries, etc. This system is used where a plentiful supply of water underlies the surface of the earth and comes within drafting distance of a suction pump.

THIS SYSTEM IS NOW ADOPTED BY THE FOLLOWING:

Water Works Lowell, Mass.	Water Works Atlantic, Iowa.
Water Works Albuquerque, N. M.	Water Works Kent, Ohio.
Water Works Union City, Tenn.	Water Works Natchez, Miss.
Water Works Akron, Ohio.	Water Works St. Paul, Minn.
Water Works South Haven, Mich.	Water Works Fairbury, Neb.
Water Works Helena, Ark.	Water Works Pine Bluff, Ark.
Water Works Galesburg, Ill.	Water Works York, Neb.
Water Works Greenville, Miss.	Water Works Central City, Neb.
Water Works Memphis, Tenn.	Water Works Beardstown, Ill.
Water Works Jackson, Tenn.	Water Works Concordia, Kan.
Water Works Greenville, Ill.	Water Works Junction City, Kan.
Water Works Ellsworth, Kan.	Water Works Crete, Neb.
Water Works Mattoon, Ill.	
Bolen-Huse Ice Co.	Memphis, Tenn.
Kingan & Co., Packers	Armourdale, Kan.
Jacob Dold & Son, Packers	Kansas City, Mo.
Dold Packing Co.	Wichita, Kan.
Artificial Ice Company	Jackson, Tenn.
Willow Springs Disillling Co.	Omaha, Neb.
Ferd Heim Brewing Co.	Kansas City, Mo.
Heim Brewing Co.	East St. Louis, Ill.
Poplar Grove Plantation	Port Allen, La.
Cinclore Plantation	Brusley's Landing, La.
Baton Rouge Ice Co.	Baton Rouge, La.
Alcott Packing Co.	Kansas City, Mo.
Tudor Iron Works	St. Louis, Mo.
Armour Packing Co.	Kansas City, Mo.
East St. Louis Packing and Provision Co.	East St. Louis, Ill.
Tennessee Ice and Cold Storage Co.	Jackson, Tenn.
Geo. Fowler & Son, Packers	Kansas City, Mo.
Kansas City Packing Co.	Kansas City, Mo.
Swift & Co.	Kansas City, Mo. & So. Omaha.
Nelson-Morris & Co.	East St. Louis, Ill.

RAILROADS USING OUR SYSTEM:

Union Pacific Ry.	Omaha, Neb.
Chicago, Kansas & Nebraska Ry.	Topeka, Kan.
Rock Island Route	Chicago, Ill.
St. Joseph & Grand Island R. R.	St. Joseph, Mo.
Kansas City & Omaha R. R.	St. Joseph, Mo.
Fremont, Elkhorn & Mo. Valley R. R.	Omaha, Neb.
Burlington & Mo. River R. R. in Neb.	Lincoln, Neb.
Evansville & Terre Haute R. R.	Evansville, Ind.
Peoria, Decatur & Evansville R. R.	Evansville, Ind.
Missouri Pacific R. R.	St. Louis, Mo.
Atchison, Topeka & Santa Fe Ry.	Topeka, Kan.
Grand Tower & Cape Girardeau R. R.	Cape Girardeau, Mo.
Louisville, New Orleans & Texas R. R.	Memphis, Tenn.
Chesapeake & Ohio R. R.	Memphis, Tenn.
Louisville & Nashville R. R.	Louisville, Ky.
Illinois Central R. R.	New Orleans, La., & Chicago, Ill.
Chicago & Alton R. R.	Chicago, Ill.
Chicago & Northwestern R. R.	Chicago, Ill.
Wabash R. R.	St. Louis, Mo.
(Big Four) R. R.	St. Louis, Mo.
Chicago & Eastern Illinois R. R.	Chicago, Ill.
Southern Pacific R. R.	New Orleans, La.
Sioux City & Pacific R. R.	Sioux City, Iowa.
Humeston & Shenandoah R. R.	Clarinda, Iowa.
Toledo, St. Louis & Kansas City R. R.	Toledo, Ohio.
Kansas City, Ft. Scott & Memphis R. R.	Kansas City, Mo.
Kansas City, Memphis & Birmingham R. R.	Memphis, Tenn.
Mobile & Ohio R. R.	St. Louis, Mo.

Capacity of Cook's Deep Wells, with Cook's Deep Well Pumping Engines.

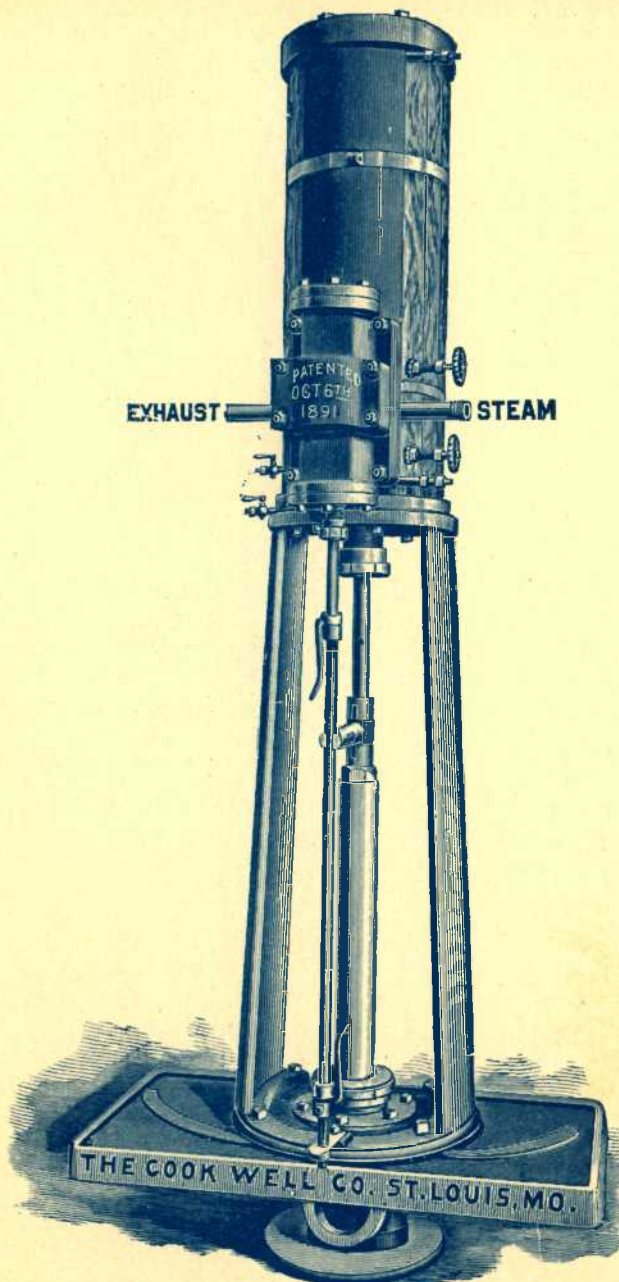
BASED ON THIRTY-SIX INCH STROKE.

Inside Diameter of Well.	Strokes of Engine per Minute.	Number of Gallons per Day.
2½ inches.	20	13,536.00
3 "	20	18,340.06
3½ "	20	26,380.80
4 "	20	34,732.80
4½ "	20	46,972.80
5 "	20	59,443.20
6 "	20	106,596.00
7 "	20	148,910.40
8 "	20	197,216.00
9 "	20	254,707.20
10 "	20	318,124.80

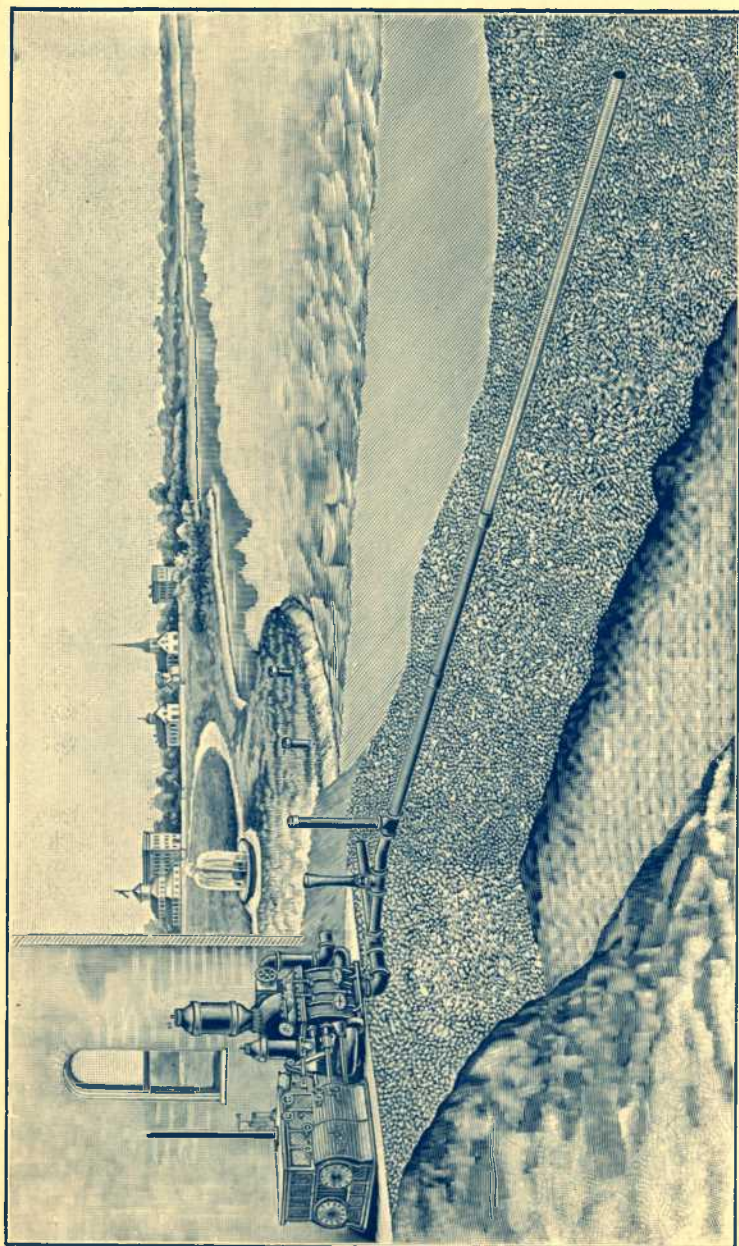
SIZES AND PRICES AS FOLLOWS:

Diameter Steam Cylinder.	Length of Stroke.	Shipping Weight.	Price of Steam End Only.
4 inches.	8 inches.	400 lbs.	
6 "	14 "	800 "	
5 "	24 "	800 "	
6 "	24 "	900 "	
8 "	24 "	900 "	
10 "	24 "	1600 "	
6 "	36 "	975 "	
8 "	36 "	1525 "	
10 "	36 "	1775 "	
12 "	36 "	2400 "	
16 "	36 "	5100 "	

PRICES ON APPLICATION.



DIRECT ACTING ARTESIAN AND DEEP WELL PUMPS.

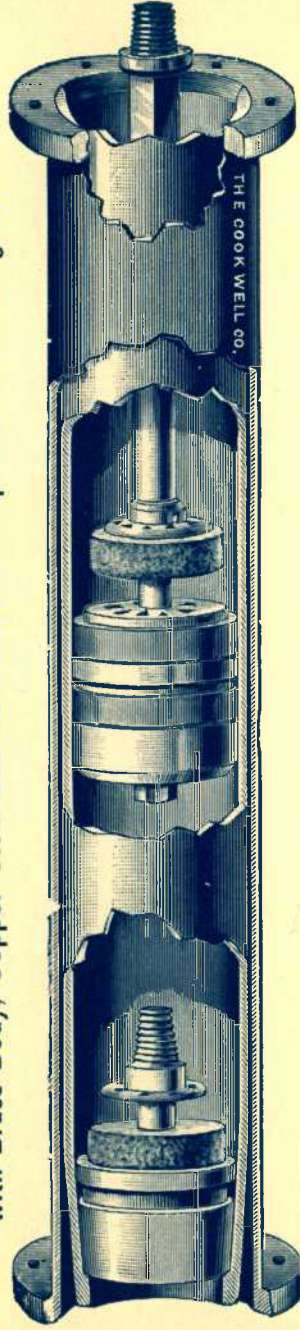


THE cut on the opposite page illustrates Cook's Patent System of Push or Horizontal Tubular Wells.

This System is generally put in along the shore of a lake, river or stream, where there is a strata of water bearing sand or gravel underlying the bed of same.

In pushing a well with the water bearing strata it enables us to use a much longer strainer. Consequently the number of wells can be lessened, to procure the same amount of water, thereby saving in the number of wells and connections.

Cook's Improved Brass Case or Lined Working Barrel, Flanged to Fit Regular Column Pipe with Brass Body, Copper Stem and Gum Valves. Adapted to the Mining Trade.



Size of Column Pipe,	6	7	9	11
Factory Size of Barrel,	5	6	8	10
Inside Diameter of Barrel,	4½	5½	7½	9½
Length of Barrel, inches,	54	54	60	60
Price, with Valves (2 Leathers),	\$80 00	\$110 00	\$142 00	\$250 00
Price, without Valves,	65 00	87 50	100 00	160 00

Cook's Wrought Iron Wind-Mill Force Pump.

WITHOUT FROST JACKET.



Being a continuation of the Well Pipe, it is much stiffer and stronger and less liable to have loose or shaky joints than any other Force Pump in the market.

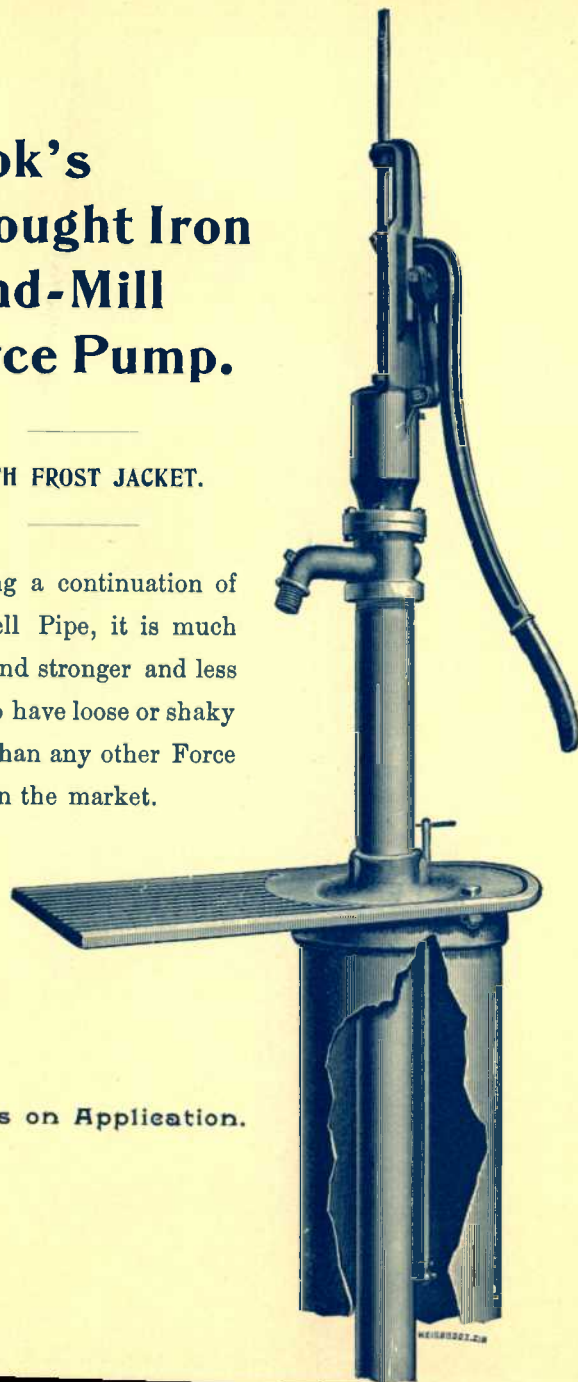
PRICES ON APPLICATION.

Cook's Wrought Iron Wind-Mill Force Pump.

WITH FROST JACKET.

Being a continuation of the Well Pipe, it is much stiffer and stronger and less liable to have loose or shaky joints than any other Force Pump in the market.

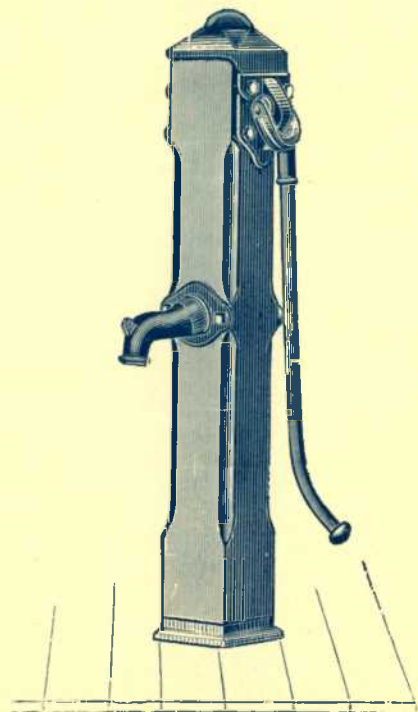
Prices on Application.



COOK'S Patent Improved City Pump.

STANDARD.

This Pump is used for either Tube or Open Wells. For Tube Wells it is fitted with Iron Coupling to screw on the pipe. Having a close top and a spout valve, it is impossible for children or others to drop anything down the well. It also has double bearing, making it a long wearing Pump. By removing two nuts the cap may be taken off and the rods and valves be withdrawn for repairs without disturbing the tubing.



7 x 7—7 feet long, 3-inch Bore, 8-inch Stroke,	. \$11 25
8 x 8—8 feet long, 4-inch Bore, 8-inch Stroke,	. 12 50

COOK'S Wrought Iron Wind-Mill Force Pump.

Being a continuation of the Well Pipe, it is much stiffer and stronger, and less liable to have loose or shaky joints than any other Force Pump in the market.

STANDARD FOR TUBE WELLS.



3-inch,	. . . . .	\$12 30
4-inch,	. . . . .	13 55

COOK'S IMPROVED POWER PUMP

STANDARD.



This Standard is intended for a high lift. The large Brass Plunger, as shown in cut, discharges a portion of the water on the down stroke of the pump, thus equalizing and economizing power by making a discharge double.

3 inch,	. . . . .	\$45 60
4 inch,	. . . . .	48 00
5 inch,	. . . . .	54 00
6 inch,	. . . . .	60 00
7 inch,	. . . . .	68 40
8 inch,	. . . . .	78 00

COOK'S POWER PUMP.

STANDARD.

We do not recommend this standard except where there are two or more wells, and the water is not forced to a height exceeding thirty feet.



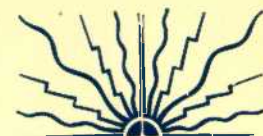
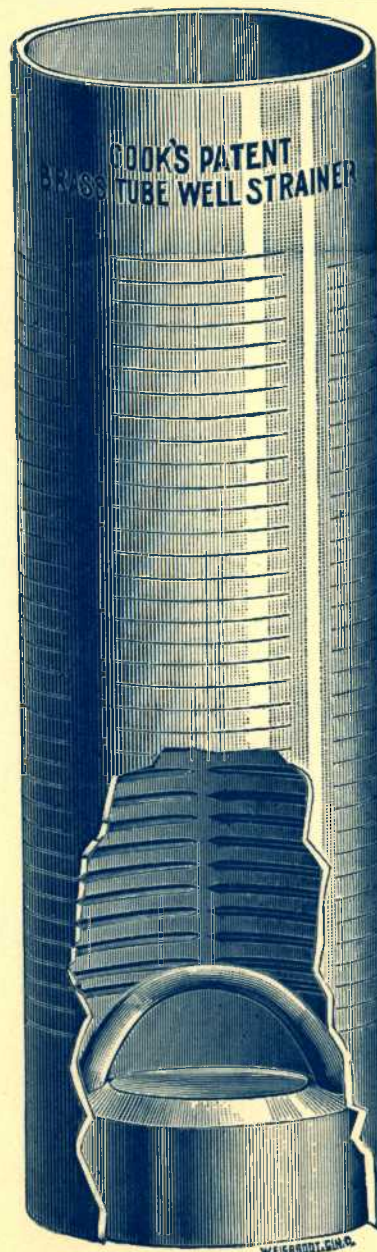
COOK'S
IMPROVED
POWER
PUMP
STANDARD.



FOR PUMPING
WATER
FROM
DEEP WELLS,
BY RUNNING
WITH
COUNTER
SHAFT
OR
GEARING.

Size of Thread.

3 inch,	\$30 00
4 inch,	30 00
5 inch,	30 00
6 inch,	32 40
7 inch,	60 00
8 inch,	60 00



COOK'S PATENT BRASS TUBE Well Strainer

Is Superior to any in the
Market for the following
Reasons:

- 1st — Because it is made of one piece of Seamless Brass Tube.
- 2d — Because it is made of Brass and has no iron connections, therefore will not corrode or rust.
- 3d — Because slot cut opening being cut from the inside, and being larger on the inside will not choke up.
- 4th — Because the slot cut will let in more water in sand than any other opening.
- 5th — Because the slot opening can be cut finer if desired than any other opening.

COOK'S

Patent Brass Tube Well Strainer.

This is not a Drive Well Point, but used where pipe is sunk with open bottom.

Inside Diameter of Well Pipe.	Length.	No. of Openings.	Price.	Inside Diameter of Well Pipe.	Length.	No. of Openings.	Price.
2 inch	2 feet	1,000	\$ 3 50	5 inch	4 feet	2,300	\$16 00
	4 "	2,000	5 75		6 "	3,400	22 50
	6 "	3,000	8 00		8 "	4,600	29 00
	8 "	4,000	10 25		10 "	5,800	35 50
2½ inch	2 feet	1,000	4 00		12 "	7,000	42 00
	4 "	2,000	6 50		14 "	8,200	48 50
	6 "	3,000	9 00	6 inch	6 feet	3,900	30 00
	8 "	4,000	11 50		8 "	5,200	38 00
3 inch	2 feet	700	5 00		10 "	6,500	46 00
	4 "	1,400	8 00		12 "	7,800	54 00
	6 "	2,100	11 00		14 "	9,100	62 00
	8 "	2,800	14 00		16 "	10,400	70 00
	10 "	3,500	17 00		18 "	11,700	78 00
	12 "	4,200	20 00		20 "	13,000	86 00
3½ inch	2 feet	800	6 75	7 inch	6 feet	5,100	39 00
	4 "	1,700	11 00		8 "	6,800	50 00
	6 "	2,600	15 25		10 "	8,500	61 00
	8 "	3,400	19 50		12 "	10,200	72 00
	10 "	4,300	23 75		14 "	11,900	83 00
	12 "	5,200	28 00		16 "	13,600	94 00
4 inch	4 feet	1,700	13 00		18 "	15,300	105 00
	6 "	2,600	18 00		20 "	17,000	116 00
	8 "	3,400	23 00	8 inch	6 feet	5,700	51 00
	10 "	4,300	28 00		8 "	7,600	65 00
	12 "	5,200	33 00		10 "	9,500	79 00
4½ inch	4 feet	2,300	14 50		12 "	11,400	93 00
	6 "	3,400	20 00		14 "	13,300	107 00
	8 "	4,600	25 50		16 "	15,200	121 00
	10 "	5,800	31 00		18 "	17,100	135 00
	12 "	7,000	36 50		20 "	19,000	149 00

Add for each 2 in. 2½ in. 3 in. 3½ in. 4 in. 4½ in. 5 in. 6 in. 7 in. 8 in.
Additional 2 ft. \$2.25 \$2.50 \$3.00 \$4.25 \$5.00 \$5.50 \$6.50 \$8.00 \$11.00 \$14.00

Sizes here given are not actual diameters of Strainers, but are the inside diameters of pipe in which Strainer is to be used. Order by Pipe Size.

COOK'S

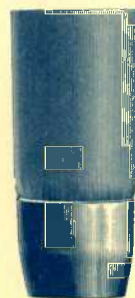
PATENT GUM PACKERS.

USED FOR FASTENING WORKING BARRELS IN WELL CASING AND MAKING TIGHT JOINTS BETWEEN STRAINER AND CASING.

No.	Diameter of Well Casing.	Price.
1.	2 inch,	\$0 75
2.	2½ inch,	1 00
3.	3 inch,	1 40
4.	3½ inch,	1 70
5.	4 inch,	1 90
6.	4½ inch,	3 45
7.	5 inch,	3 45
8.	6 inch,	4 10
9.	7 inch,	5 65
10.	8 inch,	6 60
11.	9 inch,	7 70

Gum Packers, with Brass Attached.

For Lowering in Wells where Strainer is not used.



No.	Diameter of Well Casing.	Price.
1.	2 inch,	\$ 1 15
2.	2½ inch,	1 60
3.	3 inch,	2 10
4.	3½ inch,	2 95
5.	4 inch,	3 40
6.	4½ inch,	4 75
7.	5 inch,	5 25
8.	6 inch,	6 15
9.	7 inch,	8 70
10.	8 inch,	11 40



Brass Spreaders.

Used for making tight joints between
Strainer and Well Casing.

No.	Diameter of Well Casing.	Price.
1.	2 inch,	\$ 85
2.	2½ inch,	1 15
3.	3 inch,	1 60
4.	3½ inch,	2 10
5.	4 inch,	2 10
7.	5 inch,	3 15
8.	6 inch,	3 70
9.	7 inch,	4 40
10.	8 inch,	6 50
11.	9 inch,	7 70

LEAD PACKERS.

FOR MAKING TIGHT JOINT BETWEEN STRAINER AND WELL PIPE.

2 in.	2½ in	3 in.	3½ in	4 in.	4½ in	5 in.	6 in.	7 in.	8 in.	9 in.	10 in.
35	45	55	65	75	85	95	\$1 05	1 25	1 60	7 20	8 20

9 and 10-inch to be used on 8-inch Strainers.

SWEDGE BLOCK AND BAR.

For fastening Strainers, when Lead Packers are used instead of Gum.



PRICE SWEDGE BLOCK.	2 in.	2½ in	3 in.	3½ in	4 in.	5 in.	6 in.	7 in.	8 in.
	\$2 10	2 10	2 10	2 65	3 15	3 65	4 75	5 65	6 25
PRICE SWEDGE BAR.	2 in.	2½ in	3 in.	3½ in	4 in.	5 in.	6 in.	7 in.	8 in.
	\$2 10	2 10	2 10	2 10	2 10	3 15	3 15	3 15	3 15

PLAIN BRASS WORKING BARRELS,
COMPLETE, INCLUDING VALVES.



SIZE OF WELL USED IN	2-INCH.			2½-INCH.			3-INCH.			3½-INCH.			4-INCH.		
Inside diameter barrel, in....	1¾	1¾	1¾	2½	2½	2½	2½	2½	2½	3	3	3	3½	3½	3½
Outside diameter barrel, in....	1¾	1¾	1¾	2½	2½	2½	2½	2½	2½	3	3	3	3½	3½	3½
Length of barrel, inches....	21	42	54	21	21	21	21	21	21	21	21	21	21	21	21
Length of stroke, inches....	10	24	36	10	24	36	10	24	36	10	24	36	10	24	36
Price with valves (2 leathers) ..	\$6 95	\$9 60	\$11 10	\$8 60	\$11 70	\$13 55	\$12 30	\$17 20	\$20 00	\$16 60	\$22 15	\$25 50	\$18 45	\$24 60	\$28 00
Price without valves	2 65	5 30	6 75	2 80	6 15	8 00	5 00	9 85	12 60	5 55	11 10	12 30	6 15	12 30	15 70

SIZE OF WELL USED IN	4½-INCH.			5-INCH.			6-INCH.			7-INCH.			8-INCH.		
Inside diameter barrel, in....	4	4	4	4½	4½	4½	5½	5½	5½	6½	6½	6½	7½	7½	7½
Outside diameter barrel, in....	4½	4½	4½	4½	4½	4½	5½	5½	5½	6½	6½	6½	7½	7½	7½
Length of barrel, inches....	42	42	54	42	42	54	42	42	54	42	42	54	42	42	54
Length of stroke, inches....	24	24	36	24	24	36	24	24	36	24	24	36	24	24	36
Price with valves (2 leathers) ..	\$28 00	\$31 65	\$34 70	\$30 45	\$34 70	\$43 55	\$43 55	\$49 35	\$61 50	\$67 60	\$85 40	\$95 40	\$108 50	\$124 80	\$140 00
Price without valves	14 10	17 85	15 35	19 70	20 90	24 70	20 90	24 70	28 00	34 10	52 80	52 80	66 00	66 00	66 00

COOK'S IMPROVED FOOT VALVES.

Brass Body and Gum Valve.



Pin Check.



Bale Check.

Number.	Diameter of Well Casing.	Inside Diameter of Working Barrel.	Price.
1.	2 inch,	1 $\frac{3}{4}$ inch,	\$ 1 60
2.	2 $\frac{1}{2}$ inch,	2 $\frac{1}{8}$ inch,	2 20
3.	3 inch,	2 $\frac{5}{8}$ inch,	2 85
4.	3 $\frac{1}{2}$ inch,	3 $\frac{1}{8}$ inch,	4 55
5.	4 inch,	3 $\frac{5}{8}$ inch,	4 90
7.	5 inch,	4 $\frac{1}{2}$ inch,	6 15
8.	6 inch,	5 $\frac{1}{2}$ inch,	9 65
9.	7 inch,	6 $\frac{1}{2}$ inch,	14 15
10.	8 inch,	7 $\frac{1}{2}$ inch,	17 85



STRAIGHT PIN WROUGHT IRON ROD COUPLINGS.

No. 1,	Price, per set, \$1 90
No. 2,	" " 2 50
No. 3, Extra Heavy, with Five Rivets,	" " 6 15

COUPLING MADE TO FIT CORRESPONDING NUMBER OF POLES.



MALE.

FEMALE.

STRAIGHT PIN PUMP RODS 18 FEET LONG WITH COUPLINGS.

No. 1, 1 $\frac{1}{2}$ inch, Round,	Price, each, \$3 15
No. 2, 2 inch, Round,	" " 4 10
No. 3, 2 $\frac{1}{2}$ inch, Round,	" " 8 20

RODS WITHOUT COUPLINGS.

No. 1, 1 $\frac{1}{2}$ inch, Round,	Per foot, 10c.
No. 2, 2 inch, Round,	" 12c.
No. 3, 2 $\frac{1}{2}$ inch, Round,	" 14c.

LARGER OR SMALLER RODS ON APPLICATION.



TAPER PIN WROUGHT IRON ROD COUPLINGS.

No.	Price, per set,
No. 1,	\$1 90
No. 2,	2 50
No. 3, Extra Heavy, with Five Rivets,	6 15

COUPLING MADE TO FIT CORRESPONDING NUMBER OF POLES.



MALE.

FEMALE.

TAPER PIN DRILL RODS 18 FEET LONG WITH COUPLINGS.

No.	Price, each,
No. 1, 1½ inch, Round,	\$3 15
No. 2, 2 inch, Round,	4 10
No. 3, 2½ inch, Round,	8 20

RODS WITHOUT COUPLINGS.

No.	Per foot,
No. 1, 1½ inch, Round,	10c.
No. 2, 2 inch, Round,	12c.
No. 3, 2½ inch, Round,	14c.

LARGER OR SMALLER RODS ON APPLICATION.

COMBINED AIR CHAMBER AND Discharge Check Valve.



No.	Price.
1, Air Chamber, with 2 inch Check,	\$19 10
1, Air Chamber, with 2½ inch Check,	19 10
2, Air Chamber, with 3 inch Check,	23 80
2, Air Chamber, with 3½ inch Check,	23 80
2, Air Chamber, with 4 inch Check,	29 95
3, Air Chamber, with 4 inch Check,	34 75

For dimensions of Air Chambers, see next page.

AIR CHAMBERS.

No. 1. Height, 18 inches.	Diameter, 8½ inches,	Price, \$ 7 50
No. 2. Height, 24 inches.	Diameter, 11 inches,	" 11 75
No. 3. Height, 36 inches.	Diameter, 12 inches,	" 16 60

DISCHARGE CHECK VALVE.

IRON BODY, WITH BRASS SEAT AND GUM VALVE.



2 inch,	Price, \$11 00
2½ inch,	" 11 00
3 inch,	" 14 15
3½ inch,	" 14 15
4 inch,	" 18 45

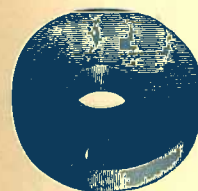
CUP LEATHERS



MADE TO FIT CORRESPONDING NUMBER
AND SIZE OF PLUNGER VALVES.

Number.	Size of Well.	Price of Each.
1.	2 inch,	\$0 45
2.	2½ inch,	45
3.	3 inch,	55
4.	3½ inch,	65
5.	4 inch,	65
7.	5 inch,	75
8.	6 inch,	85
9.	7 inch,	1 05
10.	8 inch,	1 25
11.	9 inch,	1 60
12.	10 inch,	1 60

GUM VALVES



MADE TO FIT CORRESPONDING NUMBER AND
SIZE OF PLUNGER AND FOOT VALVES.

Number.	Size of Well Casing.	Price of Each.
1.	2 inch,	\$0 20
2.	2½ inch,	25
3.	3 inch,	35
4.	3½ inch,	65
5.	4 inch,	75
6.	4½ inch,	1 00
7.	5 inch,	1 75
8.	6 inch,	2 00
9.	7 inch,	3 00
10.	8 inch,	4 00
11.	10 inch,	6 50

PUMP ROD SWIVELS



For Hoisting Pump Rods.

No. 1,	\$4 40
No. 2,	4 40
No. 3,	5 40



COMBINATION * * SWIVELS.

For Hoisting Pipe Rods.

No. 1,	\$5 55
No. 2,	5 55
No. 3,	7 85

These Swivels are made for hoisting both Pump Rods
and Gas Pipe Rods.

In Ordering, State Size of Pipe Threads.

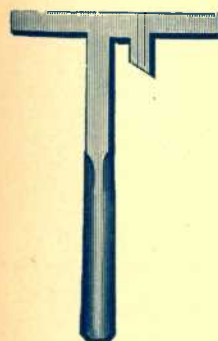
VALVE HOOKS.



FOR PULLING OUT CHECK IN WORKING BARREL
AND LOWERING STRAINERS IN WELLS.

No. 1,	Price, \$1 40
No. 2,	" 1 40
No. 3,	" 1 80

PUMP ROD WRENCHES.



For holding rods as they are being
withdrawn or lowered
into the well.

This Wrench cannot possibly be
dropped in well casing.

Made to fit corresponding number of
Pump Rod Couplings.

No. 1,	\$1 40
No. 2,	1 40
No. 3,	3 45

JARS.

MADE TO FIT CORRESPONDING NUMBER OF POLES.

This tool is used in drilling, sand pumping, pulling foot valves, cutting out working barrels, and fishing out tools broken off or lost in well.



No. 2, Made of $\frac{5}{8}$ Square Iron,	Price, \$17 50
No. 3, Made of $\frac{3}{4}$ Square Iron,	" 21 20

SPECIAL SIZES MADE TO ORDER.



This cut illustrates our lighter Jars, for use in repairing the Cook Wells, and is an article that any one having one of our Deep Wells should not be without.

No. 1,	Price, \$12 30
No. 2,	" 12 30
No. 3,	" 14 75

Cook's Pole Catchers.

FOR FISHING BROKEN PUMP RODS OUT OF
WELLS.



No.	Inside Diameter of Well Casing.	Price.
5.	4 inch,	\$11 30
7.	5 inch,	11 30
8.	6 inch,	15 40
9.	7 inch,	17 95
10.	8 inch,	20 50

In ordering these Catchers, state inside diameter of well and size of pump rods used.

Working Barrel Cutters.



This Tool will cut out any size working barrel we make. It is operated in connection with our Jars, as shown on page 34.

PRICES ON APPLICATION.

BELL SOCKETS.

Used for Screwing on to Pump Rods that have
become Unscrewed in Well.



No.	Diameter of Well Casing.	Price.
1.	2 inch,	\$2 65
2.	2½ inch,	2 65
3.	3 inch,	2 65
4.	3½ inch,	2 90
5.	4 inch,	3 70
7.	5 inch,	4 20
8.	6 inch,	4 20
9.	7 inch,	4 20
10.	8 inch,	4 75

In ordering Bell Sockets, give size of Pump Rod.

Reducing Substitute.



FOR UNITING TOOLS OR PUMP ROD HAVING
ONE SIZE THREAD, TO ANOTHER WITH
A DIFFERENT THREAD.

No. 2, Male end; No. 4, Female end.

Price, \$3 15

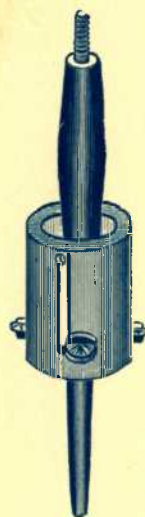
Increasing Substitute.



FOR SAME PURPOSE AS ABOVE.

No. 4, Male end; No. 2, Female end.

Price, \$3 15



PIPE CUTTERS.

THIS TOOL IS USED FOR CUTTING OFF PIPE
OR CASING BELOW THE SURFACE. IT
WILL SUCCESSFULLY CUT PIPE
AT ANY DEPTH.

Prices and Particulars on Application.

WORKING BARREL PULLERS.

Made to Fit Corresponding Number on
Pump Rods.

This tool is used for pulling working barrels out
of wells after they have been cut with the
working barrel cutter shown on page
35. It will pull any size
working barrel.

No. 1,	Price, \$8 20
No. 2,	" 8 20
No. 3,	" 8 20



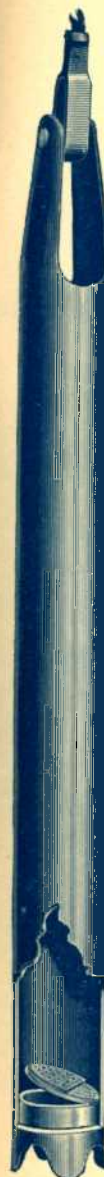
SCALLOPED SAND PUMPS.

Number.	Size of Pipe to be used in.	Price.
1.	2 inch,	\$ 9 25
3.	3 inch,	11 10
5.	4 inch,	12 30
7.	5 inch,	16 60
8.	6 inch,	20 30
9.	7 inch,	22 15
10.	8 inch,	24 60
11.	10 inch,	36 60

COOK'S Scalloped Sand Pump Valves and Bottoms.



Number.	Inside Diameter of Pipe to be Sunk.	Price.
1.	2 inch,	\$ 1 60
3.	3 inch,	2 10
4.	4 inch,	2 65
7.	5 inch,	3 15
8.	6 inch,	3 70
9.	7 inch,	4 20
10.	8 inch,	5 15
11.	10 inch,	7 20

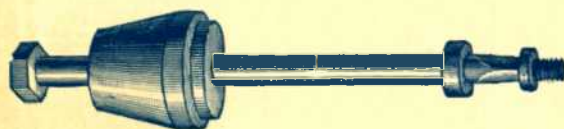


SINKING BAR.

USED FOR SAND PUMPING OR DRILLING
WITH A ROPE.

Made any Length Desired.

Prices on Application.



Working Barrel Driver and Bar used for Driving Work-
ing Barrels in Gum Packers, also for Fastening
Lead Packers in Strainer.

SIZE, INCHES .	2	2½	3	3¾	4	5	6	7	8
Price, Driving Cap	\$2 10	2 10	2 10	2 60	3 15	3 65	4 75	5 65	6 25
SIZE, INCHES .	2	2½	3	3¾	4	5	6	7	8
Price, Bar .	\$2 10	2 10	2 10	2 10	2 10	3 15	3 15	3 15	3 15



EARTH AUGERS.



AUGERS WILL BE MADE TO CONNECT ON PIPE, AS BELOW, UNLESS OTHERWISE ORDERED.	Price, \$	8 30
2 inch Connect on 1½ inch Pipe,	“	8 30
3 inch Connect on 1½ inch Pipe,	“	12 90
4 inch Connect on 1½ inch Pipe,	“	20 90
5 inch Connect on 1½ inch Pipe,	“	30 45
6 inch Connect on 1½ inch Pipe,	“	34 10
7 inch Connect on 1½ inch Pipe,	“	36 55
8 inch Connect on 1½ inch Pipe,	“	46 70
10 inch Connect on 2 inch Pipe,	“	

Sizes given for Augers are the inside diameters of the Pipe they are to bore for.

AUGER RODS.



MADE OF 1½ INCH PIPE, WITH SQUARE SLIP SOCKETS.	Price, \$	5 65
Length, 15 Feet,	“	4 20
Auger Rod Swivels,	“	

CAST IRON



DRIVING CAPS.

MADE TO FIT TWO SIZES OF PIPE.



Sizes of Pipe.	Price.
2 and 3 inches,	\$3 70
4 and 5 inches,	3 70
6 and 7 inches,	3 80
8 and 9 inches,	3 80

PRICE LIST ON STANDARD Wrought Iron Steam, Gas and Water Pipe.

BUTT-WELDED.

Nominal Size Inside Diameter.	Price Per Foot Black.	Price Per Foot Galvanized.	Thickness.	Nominal Weight Per Foot.	No. of Threads per in. of Screw.
INCHES.			INCHES.	POUNDS.	
$\frac{1}{8}$	\$.04	\$.05	.068	0.24	27
$\frac{1}{4}$	.04	.05	.088	0.42	18
$\frac{3}{8}$	.04½	.05½	.091	0.56	18
$\frac{1}{2}$	.06	.08	.109	0.84	14
$\frac{3}{4}$	.07½	.09½	.113	1.12	14
1	.10½	.13½	.134	1 67	11½
1¼	.14	.18½	.140	2.24	11½

LAP-WELDED.

Nominal Size Inside Diameter.	Price Per Foot Black.	Price Per Foot Galvanized.	Thickness.	Nominal Weight Per Foot.	No. of Threads per in. of Screw.
INCHES.			INCHES.	POUNDS.	
1½	\$.23	\$.26	.145	2.68	11½
2	.33	.38	.154	3.61	11½
2½	.50	.57	.204	5.74	8
3	.62	.68	.217	7.54	8
3½	.74	.88	.226	9.00	8
4	.88	1.03	.237	10.66	8
4½	1.06	1.31	.246	12.49	8
5	1.28	1.60	.259	14.50	8
6	1.95	2.00	.280	18.76	8
7	2.10		.301	23.27	8
8	2.95		.322	28.18	8
9	3.75		.344	33.70	8
10	4.75		.366	40.06	8
11	6.00		.375	45.02	8
12	7.00		.375	49.00	8
13	8.00		.375	54.00	8
14	9.50		.375	58.00	8
15	11.00		.375	62.00	8

Steam, Gas and Water Pipe Sockets.



STANDARD DIMENSIONS.

Size, Inches.	External Diameter, inches.	Length, inches.	Threads per inch of Screw.	Weight of one socket, pounds.	Price.
$\frac{1}{8}$	.58	$\frac{3}{4}$	27	.040	\$0 05
$\frac{1}{4}$	.73	$\frac{7}{8}$	18	.059	05
$\frac{3}{8}$	.88	$\frac{7}{8}$	18	.096	06
$\frac{1}{2}$	1.08	$1\frac{1}{4}$	14	.15	07
$\frac{3}{4}$	1.35	$1\frac{3}{8}$	14	.24	10
1	1.65	$1\frac{3}{4}$	$11\frac{1}{2}$	.40	13
$1\frac{1}{4}$	2.04	$1\frac{7}{8}$	$11\frac{1}{2}$	.51	17
$1\frac{1}{2}$	2.28	$2\frac{1}{4}$	$11\frac{1}{2}$	.83	21
2	2.84	$2\frac{1}{2}$	$11\frac{1}{2}$	1.52	28
$2\frac{1}{2}$	3.30	$2\frac{1}{2}$	8	1.72	40
3	4.00	$3\frac{1}{8}$	8	2.75	60
$3\frac{1}{2}$	4.57	$3\frac{1}{4}$	8	3.40	80
4	5.05	$3\frac{1}{4}$	8	4.00	1 00
$4\frac{1}{2}$	5.60	$3\frac{1}{4}$	8	4.66	1 25
5	6.25	$3\frac{1}{2}$	8	6.04	1 65
6	7.41	$3\frac{3}{4}$	8	8.77	2 40
7	8.41	$4\frac{1}{4}$	8	12.41	3 25
8	9.41	$4\frac{3}{4}$	8	16.00	4 25
9	10.56	5	8	22.00	6 00
10	11.60	$6\frac{1}{8}$	8	28.75	7 50
11	13.12	$6\frac{3}{8}$	8	34.00	
12	14.00	$6\frac{1}{4}$	8	36.00	
13	15.25	$6\frac{1}{4}$	8	45.00	
14	16.25	$6\frac{1}{4}$	8	63.93	
15	17.50	$6\frac{1}{4}$	8	82.00	
16	18.75	$6\frac{1}{4}$	8	99.62	



PATENT SLEEVE COUPLING.



FLUSH JOINT.



INSERTED JOINT.

Lap-Welded Casing.

Diameter Nominal Inside.	Price per Foot.	Diameter Actual Outside.	Nominal Weight per Foot.
2 in.	\$ 0 25	$2\frac{1}{4}$ in.	2.23
$2\frac{1}{4}$ in.	28	$2\frac{1}{2}$ in.	2.75
$2\frac{1}{2}$ in.	31	$2\frac{3}{4}$ in.	3.04
$2\frac{3}{4}$ in.	34	3 in.	3.33
3 in.	38	$3\frac{1}{4}$ in.	3.96
$3\frac{1}{4}$ in.	43	$3\frac{1}{2}$ in.	4.28
$3\frac{1}{2}$ in.	45	$3\frac{3}{4}$ in.	4 60
$3\frac{3}{4}$ in.	52	4 in.	5.47
4 in.	56	$4\frac{1}{4}$ in.	5.85
$4\frac{1}{4}$ in.	60	$4\frac{1}{2}$ in.	6.17
$4\frac{1}{2}$ in.	66	$4\frac{3}{4}$ in.	6.55
$4\frac{3}{4}$ in.	72	5 in.	7.58
5 in.	79	$5\frac{1}{4}$ in.	8.00
5 3-16 in.	86	$5\frac{1}{2}$ in.	8.40
$5\frac{1}{8}$ in.	1 00	6 in.	10.16
$5\frac{1}{4}$ in.	1 30	$6\frac{1}{8}$ in.	11.15
$5\frac{3}{8}$ in.	1 45	7 in.	11.90
$5\frac{1}{2}$ in.	1 85	8 in.	13.65
$5\frac{3}{4}$ in.	2 10	$8\frac{1}{8}$ in.	14.60
6 in.	2 25	9 in.	16.76
$6\frac{1}{8}$ in.	2 75	10 in.	21.00

FITTED WITH EITHER PROTECTING SLEEVE COUPLING, INSERTED
JOINT OR FLUSH JOINT.

REFERENCES.


Water Works,	Beardstown, Ill.
Water Works,	South Haven, Mich.
Water Works,	Junction City, Kan.
Water Works,	Crete, Neb.
Water Works,	St. Paul, Minn.
Water Works,	Natchez, Miss.
Water Works,	Greenville, Miss.
Water Works,	Pine Bluff, Ark.
Water Works,	Greenville, Ill.
Water Works,	Princeton, Ill.
Water Works,	Atlantic, Ia.
Water Works,	Concordia, Kan.
Water Works,	Topeka, Kan.
Water Works,	McPherson, Kan.
Water Works,	Ellsworth, Kan.
Water Works,	York, Neb.
Water Works,	Central City, Neb.
Water Works,	Union City, Tenn.
Water Works,	Hastings, Neb.
Water Works,	Holdrege, Neb.
Water Works,	Galesburg, Ill.
Water Works,	Falls City, Neb.
Water Works,	Aurora, Neb.
Water Works,	David City, Neb.
Water Works,	Albion, Neb.
Water Works,	Orleans, Neb.
Water Works,	Akron, Ohio.
Water Works,	Ashland, Neb.
Water Works,	Edgar, Neb.
Water Works,	Fairbury, Neb.
Water Works,	Memphis, Tenn.
Water Works,	Jackson, Tenn.
Delaware Sugar House,	Philadelphia, Pa.
Evansville & Terre Haute R. R.,	Evansville, Ind.
Peoria, Decatur & Evansville R. R.,	Evansville, Ind.
Atchison, Topeka & Santa Fe Ry.,	Topeka, Kan.

Chicago, Kansas & Nebraska Ry. (Rock Island Route),	Topeka, Kan.
St. Joseph & Grand Island Ry.,	St. Joseph, Mo.
Missouri Pacific R. R.,	St. Louis, Mo.
Kansas City & Omaha Ry.,	St. Joseph, Mo.
Fremont, Elkhorn & Missouri Valley R. R.,	Omaha, Neb.
Burlington & Missouri River (in Neb.) R. R.,	Lincoln, Neb.
Union Pacific Ry.,	Omaha, Neb.
Illinois Central R. R.,	New Orleans, La., and Chicago, Ill.
Louisville & Nashville R. R.,	Memphis, Tenn.
Heim Brewing Co.,	East St. Louis, Ill.
Kingan & Co., Packers,	Armourdale, Kan.
Dold Packing Co.,	Wichita, Kan.
Poplar Grove Plantation,	Port Allen, La.
Cinclare Plantation,	Brusley's Landing, La.
Fred Heim Brewing Co.,	Kansas City, Mo.
Jacob Dold & Son, Packers,	Kansas City, Mo.
Willow Springs Distilling Co.,	Omaha, Neb.
Artificial Ice Co.,	Jackson, Tenn.
Southern Cotton Oil Co.,	Memphis, Tenn.
Memphis Brick Works,	Memphis, Tenn.
Tennessee Brewing Co.,	Memphis, Tenn.
Gayoso Hotel,	Memphis, Tenn.
Peabody Hotel,	Memphis, Tenn.
Hotel Luehrmann,	Memphis, Tenn.
Joseph Schlitz Brewing Co.,	Memphis, Tenn.
Bohlen-Huse Ice Co.,	Memphis, Tenn.
Valley Oil Mills,	Memphis, Tenn.
J. W. X. Browne,	Memphis, Tenn.
Morrison Packing Co.,	Kansas City, Mo.
F. W. Cook Brewing Co.,	Evansville, Ind.
St. George Hotel,	Evansville, Ind.
Fulton Avenue Brewing Co.,	Evansville, Ind.
Hamilton-Brown Shoe Co.,	St. Louis, Mo.
Larkin & Scheffer, Chemists,	St. Louis, Mo.
Artificial Ice Co.,	Helena, Ark.
Anchor Oil Co.,	Helena, Ark.
Border City Ice Co.,	Fort Smith, Ark.
Crystal Ice Co.,	Little Rock, Ark.
Little Rock Ice Co.,	Little Rock, Ark.
Little Rock Oil & Compress Co.,	Little Rock, Ark.
Walsh & Kellogg, Distillers,	Covington, Ky.
Southern Cotton Oil Co.,	Atlanta, Ga.
Artificial Ice Co.,	Dallas, Tex.
Mill Creek Distilling Co.,	Cincinnati, Ohio.

Bremaker-Moore Paper Co.,	Louisville, Ky.
Colorado Automatic Refrigerating Co.,	Denver, Colo.
Emma Cotton Seed Oil Co.,	Pine Bluff, Ark.
Artificial Ice Co.,	Pine Bluff, Ark.
M. J. Walsh, Distiller,	Lawrenceburg, Ind.
Baton Rouge Ice Co.,	Baton Rouge, La.
Burk & Dougherty,	Baton Rouge, La.
Southern Cotton Oil Co.,	Little Rock, Ark.
Armour Packing Co.,	Kansas City, Mo.
Alcutt Packing Co.,	Kansas City, Mo.
Mephram & Klein Paint Works,	St. Louis, Mo.
Miller Bros. Brewing Co.,	St. Louis, Mo.
Excelsior Brewing Co.,	St. Louis, Mo.
Allen Bros.,	Pittsburgh, Pa.
American Water & Guarantee Co.,	Pittsburgh, Pa.
Laclede Gas Light Co.,	St. Louis, Mo.
Moffitt, Hodgkins & Clark,	Syracuse, N. Y.
Cudahy Packing Co.,	Omaha, Neb.

FOR THE WATER SUPPLY OF CITIES AND TOWNS

WHEN THE SUPPLY IS TAKEN FROM WELLS.



The locating and arrangement of water supplies and machinery, can only be decided upon after a careful examination and tests of the locations and conditions under which it is to work.

We have had large experience in this line of work, and are prepared to make investigations and reports when so desired.

We have made a specialty for years of taking contracts for entire water supply plants, and guaranteeing capacity of the same.

This arrangement enables cities and water works companies to contract with our firm for the entire work, and we find this plan meets with general favor. We are prepared to furnish estimates, at short notice, for a water supply of any capacity.

Correspondence is solicited from city officials, water works companies, railroad companies, breweries, and all others interested or contemplating the establishment or use of large supplies of well water.

 **THE COOK WELL CO.**





703 & 705 MARKET STREET,
St. Louis, Mo.