

1491-16

JOSAM



CLEVELAND

U.S.A.

EASTERN OFFICE
7 W. 45th St.
New York City

FOUNDRY AND WORKS
Michigan City
Indiana



696 Josam

NOV 18 1919



Catalog No. 3

1919

TO OUR PATRONS

The following pages illustrate and describe articles manufactured by us.

OUR AIM

Is to furnish promptly a product which is **Mechanically Correct** and **Economical in Use**.

When ordering, be careful that your instructions to us are clear and positive, leaving no room for doubtful meaning. By referring to figure number and giving full specification you will frequently avoid the necessity of holding shipment for more definite instructions.

We are prepared to handle special work in Floor, Shower, and Roof Drains and will be pleased to make estimates upon receipt of your drawings and specifications.

All orders will be entered subject to the following conditions: Serious fires, strikes, differences with workmen, accidents to machinery, or other causes unavoidable or beyond our control shall excuse any delay in filling the orders. Any goods proving defective when used for the purpose manufactured will be refurnished, but no claims for labor or damage will be allowed.

Our terms are 2% Cash in Ten Days, or Thirty Days Net.

Josam Mfg. Co., Cleveland, O.

Copyright 1915

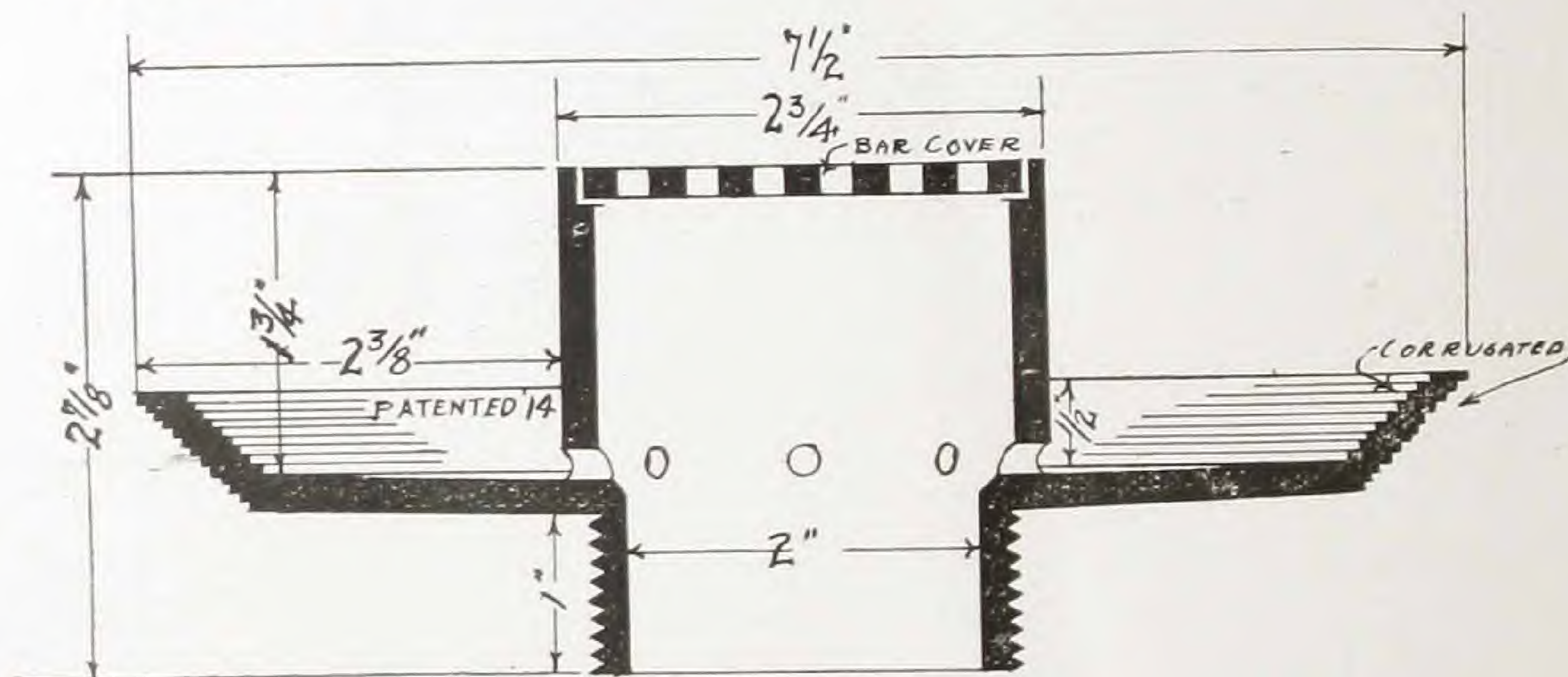




Patented May 28, 1907

No. 100

Josam Double Drainage Floor or Shower Drain, without Trap, to be used in all kinds of construction, and same places as No. 203A where no trap is required. All brass.



Patented May 28, 1907

No.	Strainer	Outlet	Price
100	2"	2"	\$ 6.50
101	3"	2"	7.00
102	3"	3"	8.00
103	4"	3"	9.50
104	5"	4"	11.00

Soil pipe connectors extra, as shown on page 6.



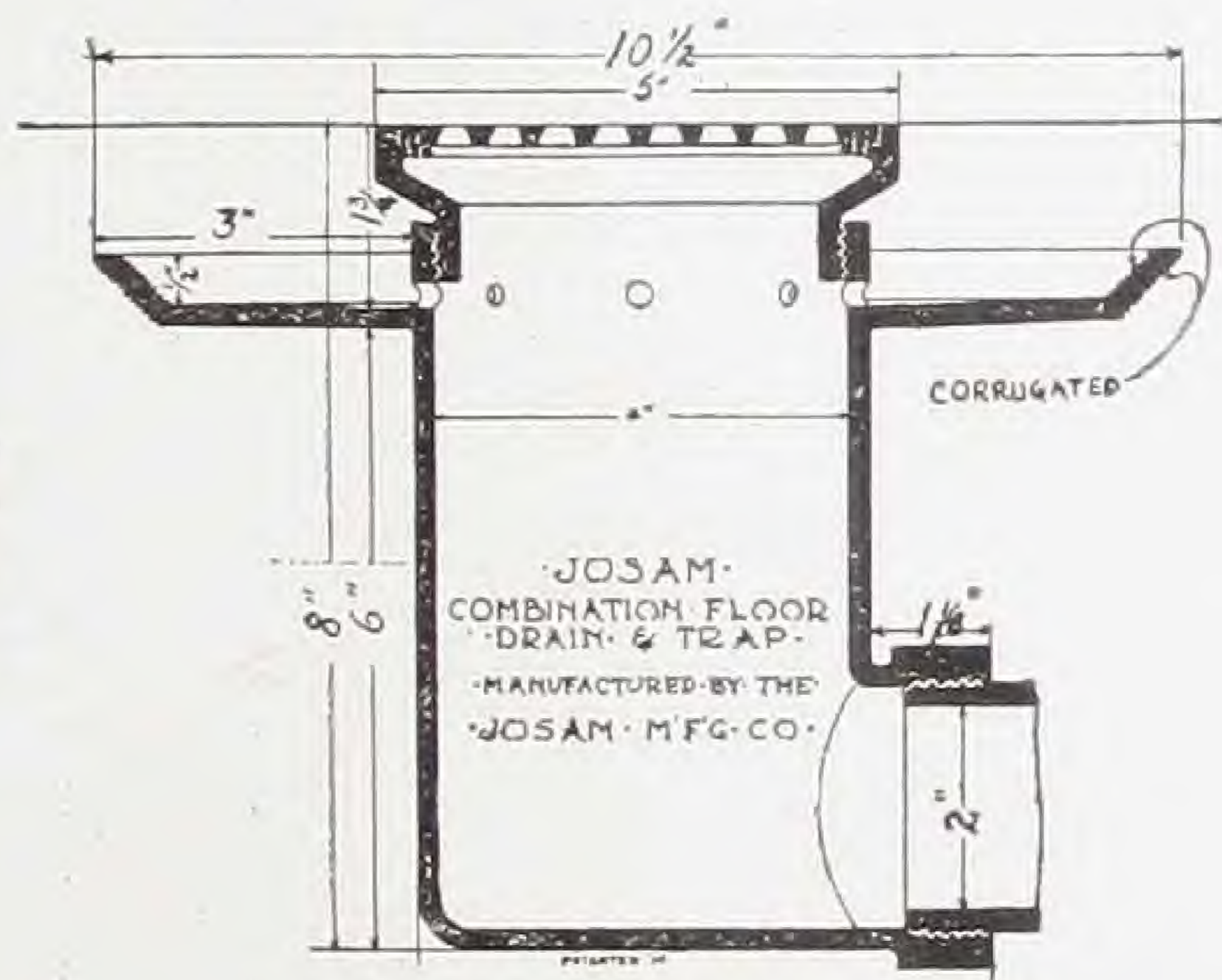


Patented May 28, 1907
No. 203

Josam Double Drainage Drain with heavy Cast Iron body and Nickle Plated adjustable brass strainer and collar. This drain is for concrete, tile, marble, or any composition floor, especially designed for Showers, Urinals and Floors where construction requires a swinging joint being made necessary when obstructions are formed in the floor by reinforcing rods, beams, joists, etc., this swing joint avoids these obstructions and also

forms trap or seal. The adjustable Strainer and Collar which screws into body of Drain provides for all variations and thicknesses of floor, and are made in 4", 5" and 6" in diameter.

No.	Strainer	Outlet	Price
201	4"	2"	\$11.00
203	5"	2"	12.00
205	6"	2"	13.00



Patented May 28, 1907

Drains are furnished Black Asphaltum Coated unless otherwise specified. Galvanized or all brass at added cost.

We can furnish Strainer for this drain which will fit Porcelain Urinal and Shower Receptor.

Soil pipe connectors extra.





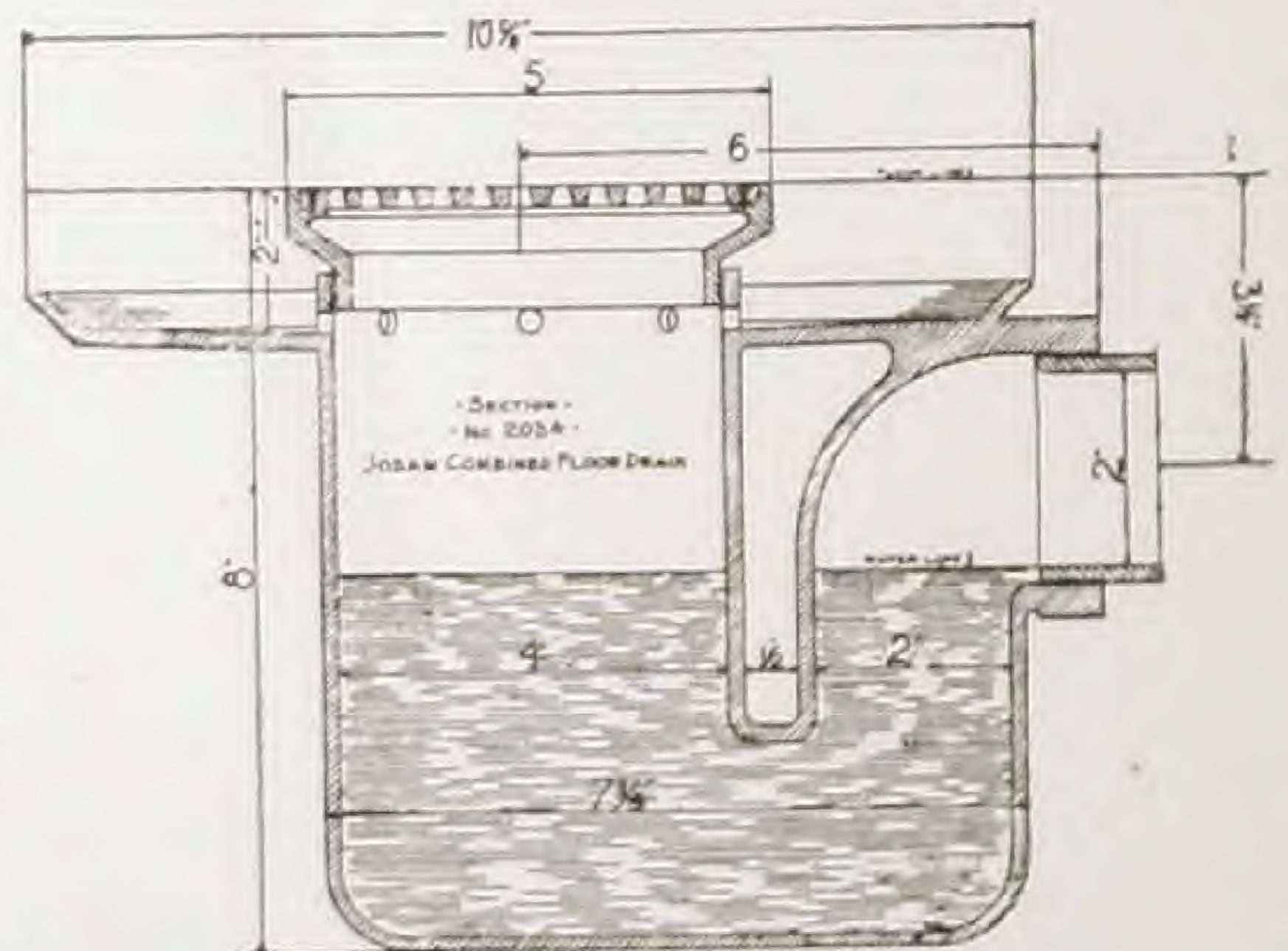
**U. S. Government Type
No. 203A**

Patented May 28, 1907

Josam Double Drainage Combined Trap and Drain having Brass Strainer and Collar, which screws into body of Drain, and is adjustable to suit variation and thickness of floor, the body of this drain is of heavy Cast Iron. This drain is especially adaptable for shower, urinal, and floor drains for floors of concrete, cement, tile, marble, or any composition con-

struction, and is a positive assurance against leaks to the ceiling below by catching seepage, which occurs between strainer and floor construction, this seepage is caught by extended flange or cup and carried back to drain pipe, through the drainage holes therein, thereby comprising Double Drainage.

No.	Strainer	Outlet	Price
200A	4"	1½"	\$10.50
201A	5"	1½"	11.50
202A	4"	2"	11.50
203A	5"	2"	12.00
204A	6"	1½"	12.50
205A	6"	2"	13.00
206A	5"	3"	15.00
207A	6"	3"	16.00
208A	6"	4"	19.00
209A	7"	4"	21.00
210A	8"	4"	23.00



Patented May 28, 1907

Made with hub or screw outlet. Galvanized Additional



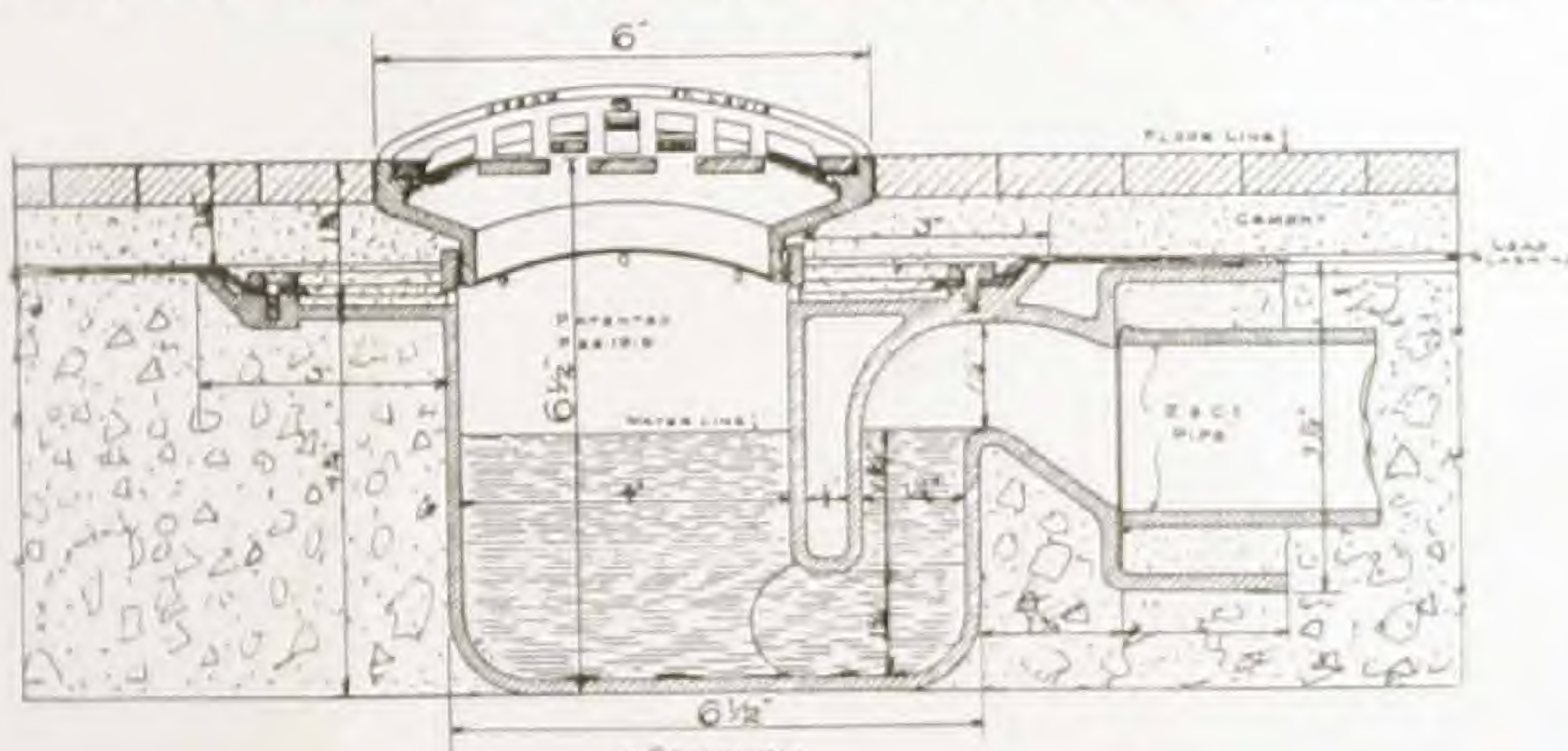


U. S. Government Type
No. 2003A

Patented May 28, 1907

This drain has the additional feature of providing a means of making the entire shower, wash, toilet or any other room in which it is used absolutely leakless to ceiling below, by using sheet lead or waterproofing and flashing in extended flange or cup and clamping same permanently in place by the ring and bolts.

This drain is especially adaptable for hospital, institution and gymnasium construction, and can be furnished with white metal or Benedict Nickel Strainer and Collar, is cast iron body and trap, and having the same adjustable features as our other drains, to suit the variation of floor thickness and level. Also made in All Brass Traps.



SECTION
 No. 2003A
 JOSAM COMBINED TRAP AND DRAIN
 SPECIAL SHALLOW TYPE

No.	Strainer	Outlet	Patented May 28, 1907	Price
2003A	6"	2"	.....	\$18.00
Made with hub or screw outlet. Galvanized Additional				



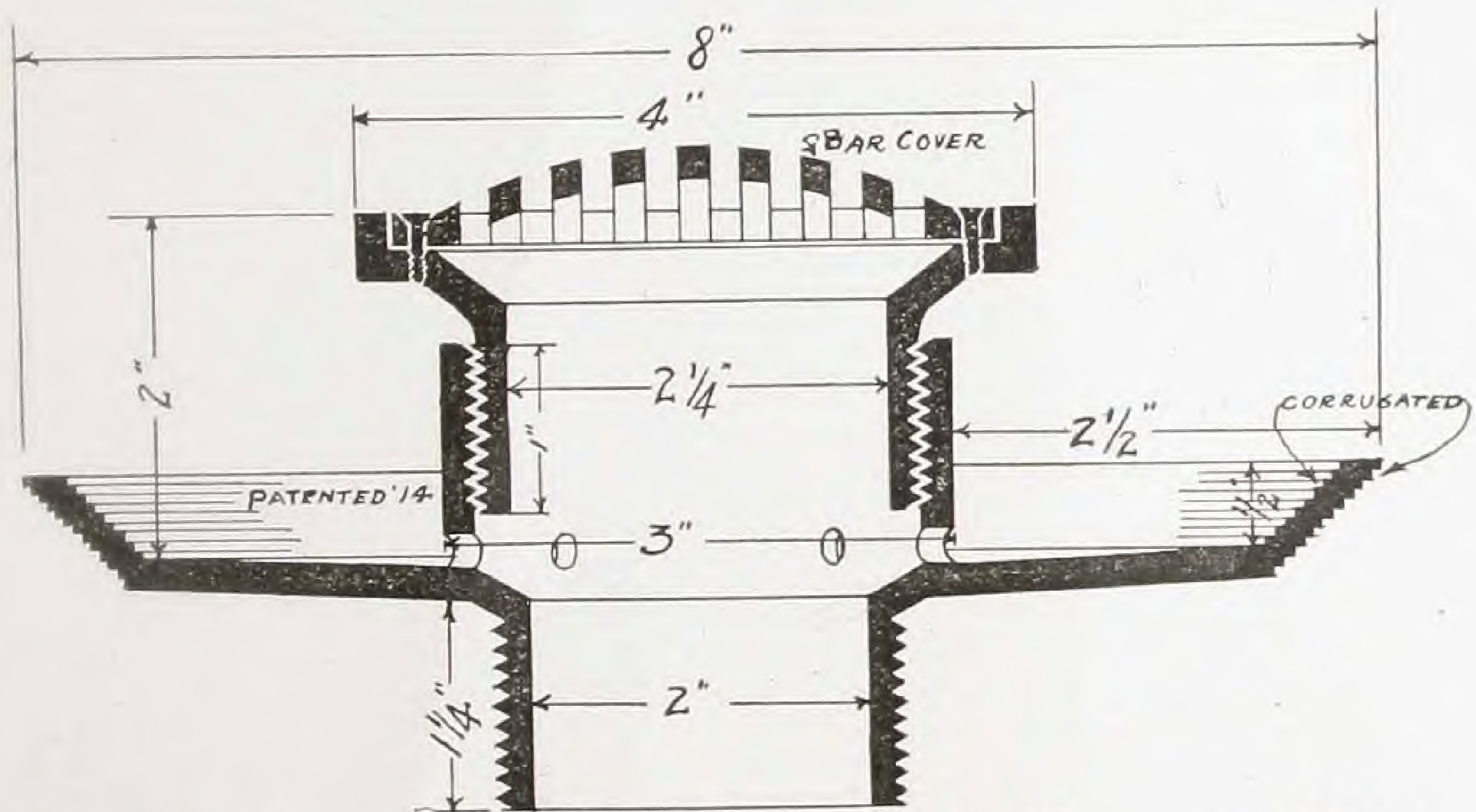


No. 300

Patented May 28, 1907

Josam Double Drainage Drain Outlet without Trap for Porcelain Urinal or Shower Stalls, cast ironbody and brass strainer. This drain is particularly adapted for floors constructed of marble, tile, cement, or any composition

where the construction will not permit, or where it is not desirable to place trap in same. This drain outlet can be used and an independent trap placed wherever the construction will permit and the Double Drainage Protection applying as on all our types of drains.



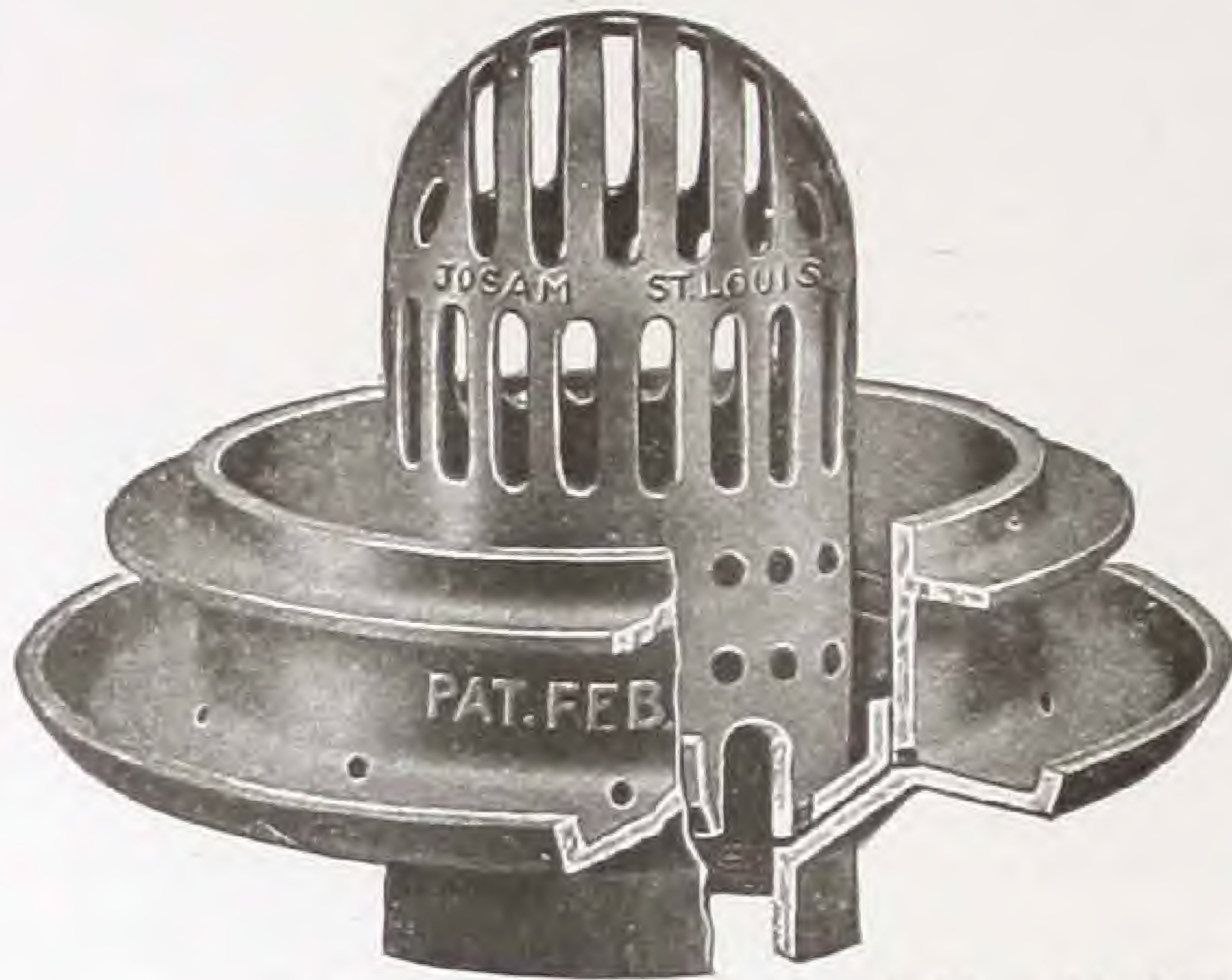
Patented May 28, 1907

No.	Strainer	Outlet	Price
300	4"	2"	\$6.80
301	5"	3"	9.60

Strainers furnished concave, convex or flat, and same can be adjusted to suit variation of floor thickness.

Soil pipe connectors extra. Galvanized Additional

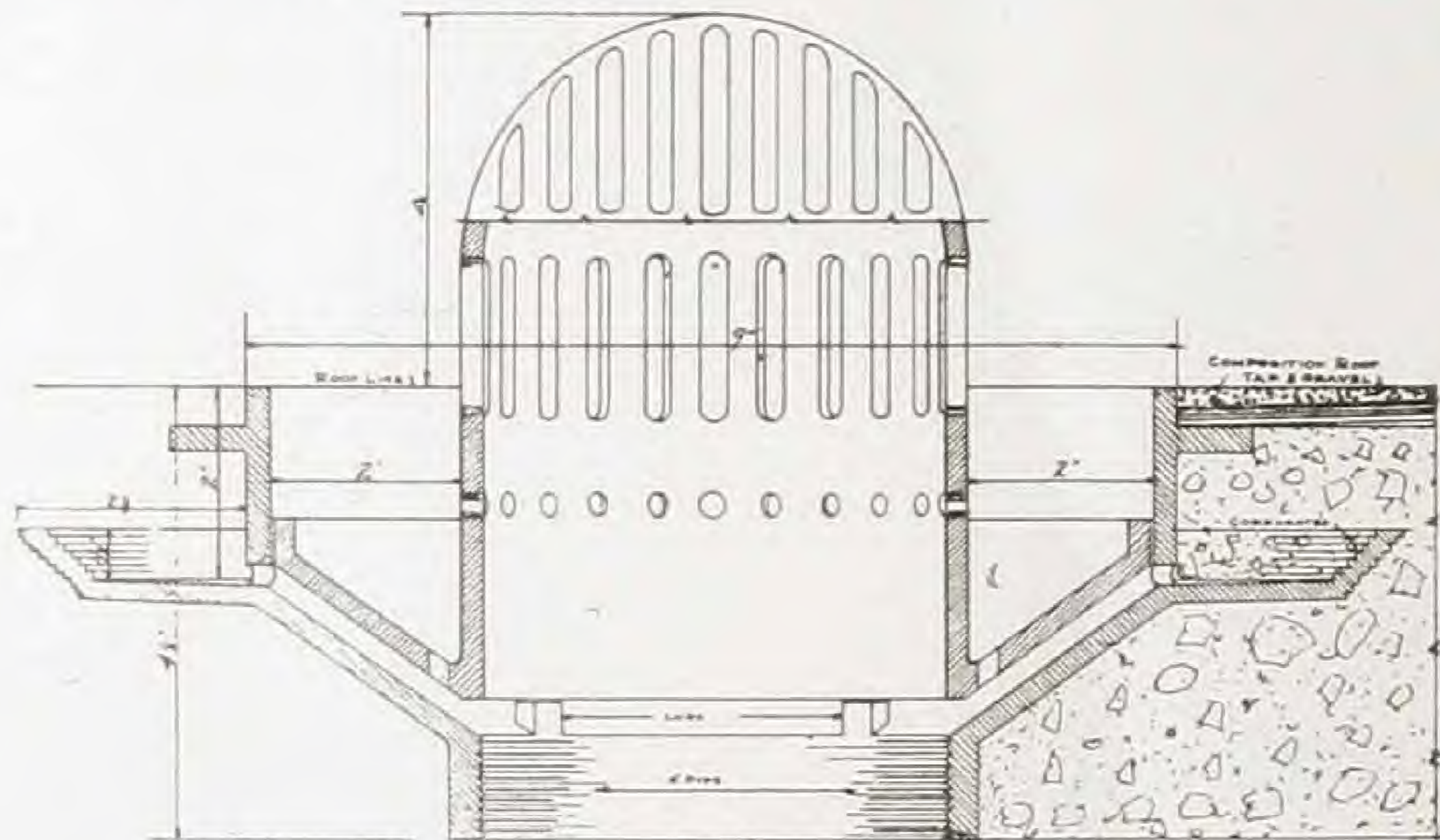




No.400 Patented May 28, 1907

Josam Double Drainage Roof Drain with Sediment Cup. Having combined strainer and sediment cup, this drain can be used on concrete as well as wood construction flat roofs. Its advantages are: of catching all leakage which may occur between the drain and the construction,

also of catching all tar, gravel or other sediment in strainer cup, which is detachable and easily removed. This drain is tapped standard iron pipe thread. All Cast Iron. We also furnish soil pipe end of all sizes. *At additional price.*



SECTION - No. 400 - JOSAM ROOF DRAIN WITH SEDIMENT CUP - Patented May 28, 1907

No.	Outlet	Price
400	2" or 3"	12.00
400	4"	\$12.00
401	5"	14.00
402	6"	16.00
404	8"	20.00

Soil pipe connectors extra, as shown on page 6.

Galvanized Additional





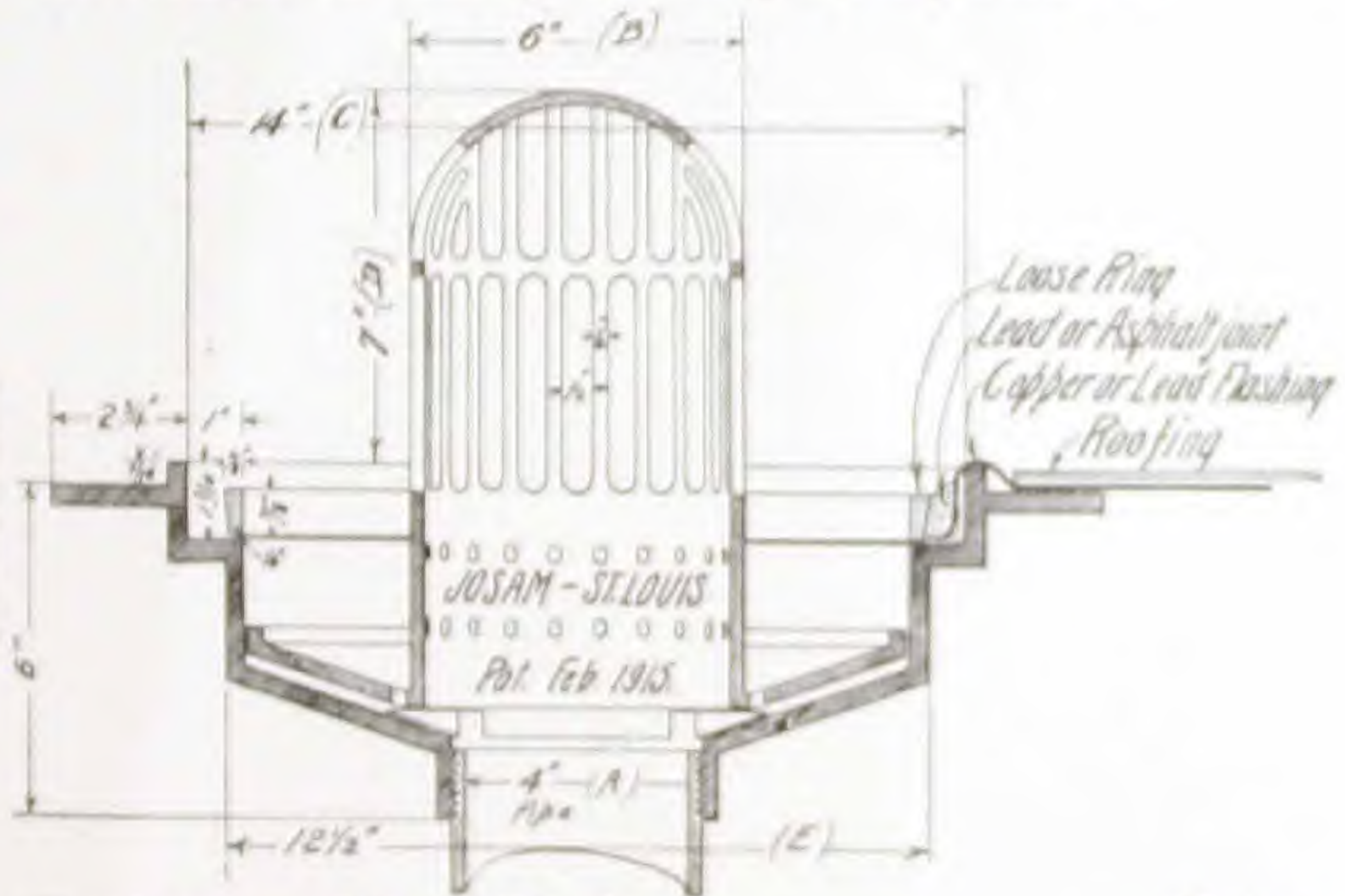
No. 400 A

Patented May 28, 1907

Josam Roof Drain with Removable Sediment Cup for Wood Roof, having a combined sediment cup and strainer dome which is detachable and easily removed. Same is in combination with a sediment cup and strainer of 2" greater diameter than the outlet of drain, with a guard or gravel stop of a height

to suit composition roof or for a tile roof. A loose ring which forms wall for making a poured lead, pitch or asphaltum joint to tie metal flashing in place, also cast iron ledge 3" in width to carry roofing composition.

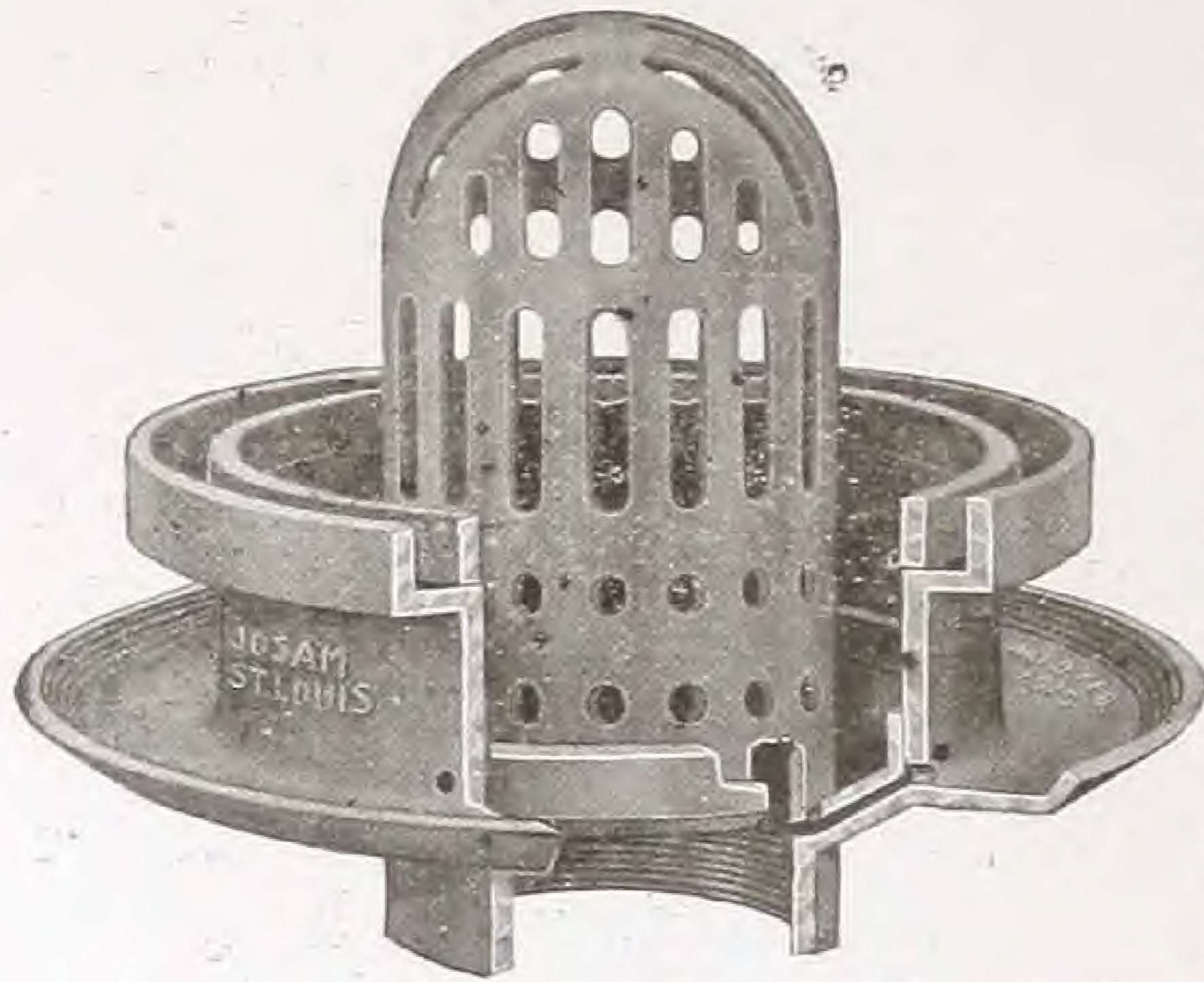
	A	B	C	D	E
400A	4"	6"	14"	7"	12½"
401A	5"	7"	15½"	8"	14"
402A	6"	8"	17"	9"	15½"
404A	8"	10"	18½"	10"	17"



No.	Outlet	No. 400 A	Price
400A	2" or 3"	.....	16.00
400A	4"	.....	\$16.00
401A	5"	.....	18.00
402A	6"	.....	20.00
404A	8"	.....	28.00

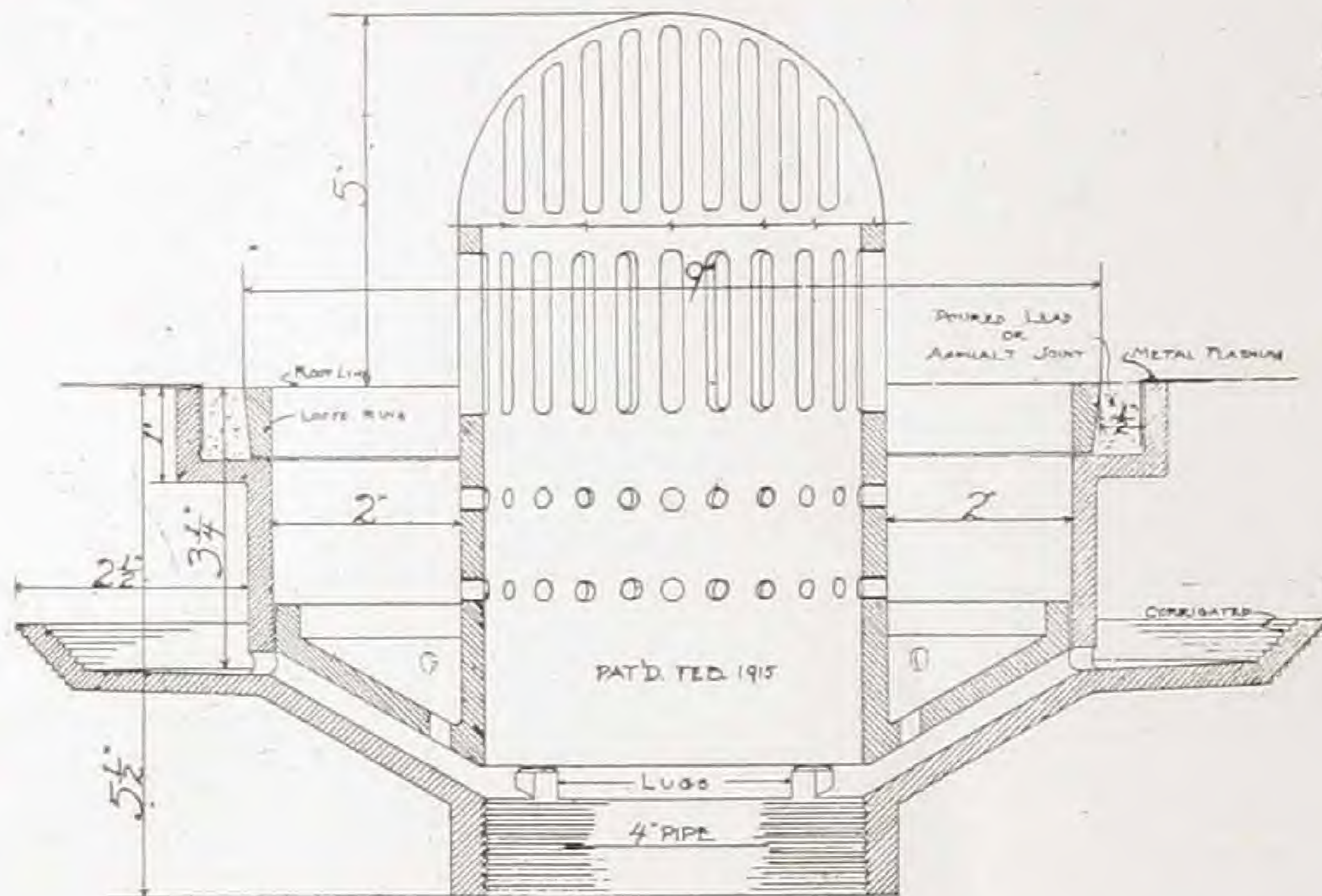
Soil pipe connectors extra, as shown on page 6.





No. 400B Patented May 28, 1907

Josam Double Drainage Roof Drain with Sediment Cup and Loose Ring, having a removable combined strainer dome and sediment cup, being similar to No. 400, having in addition a loose cast ring which forms wall for making a poured lead, pitch or asphaltum joint to tie copper or lead flashing in place.

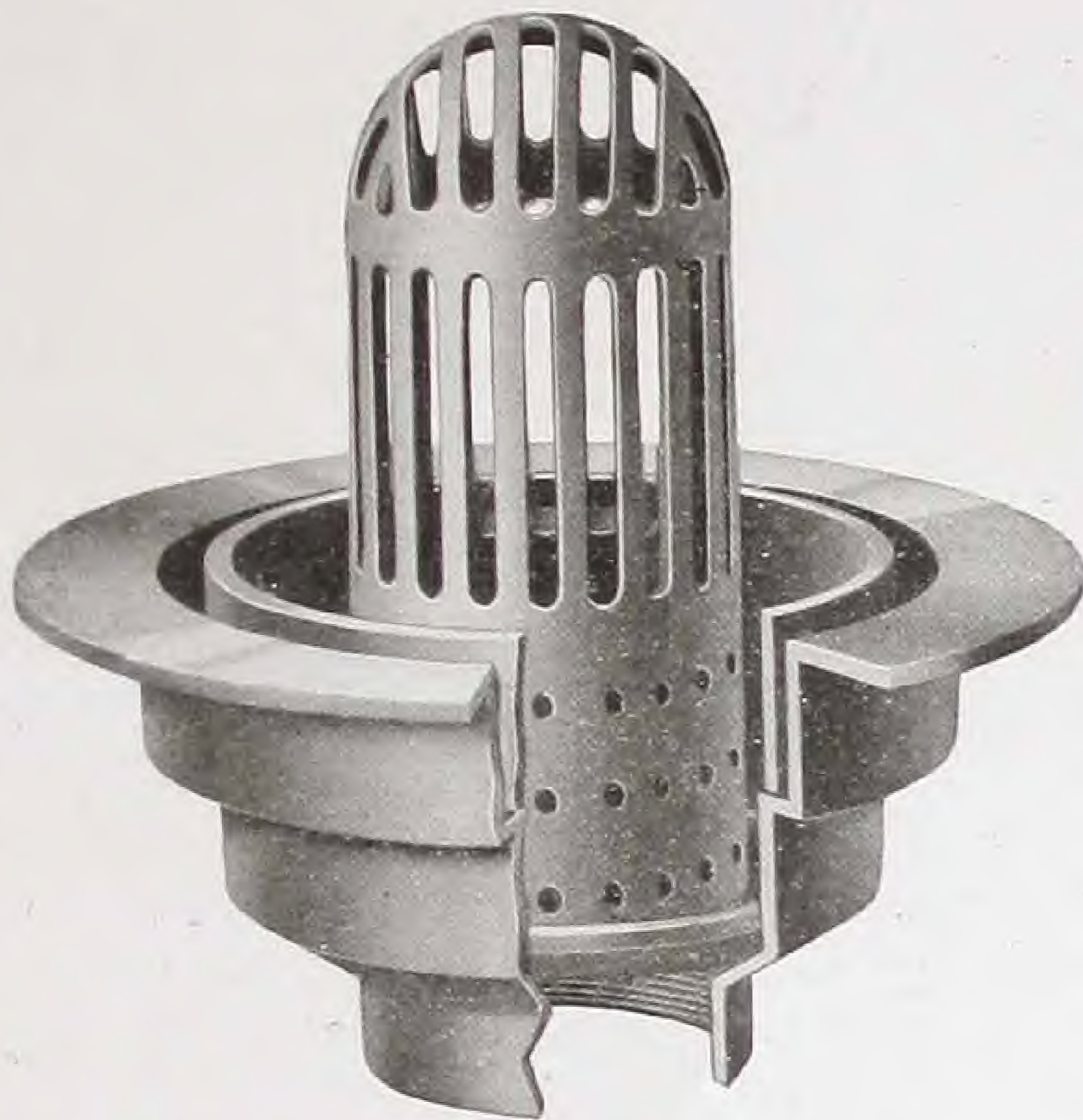


SECTION
No. 400B
JOSAM ROOF DRAIN WITH SEDIMENT CUP
AND STRAINER FOR CONCRETE ROOF.
Patented May 28, 1907

No.	Outlet	Price
400B	2" or 3"	13.00
400B	4"	\$13.00
401B	5"	15.00
402B	6"	17.00
404B	8"	24.00

Soil pipe connectors extra, as shown on page 6.





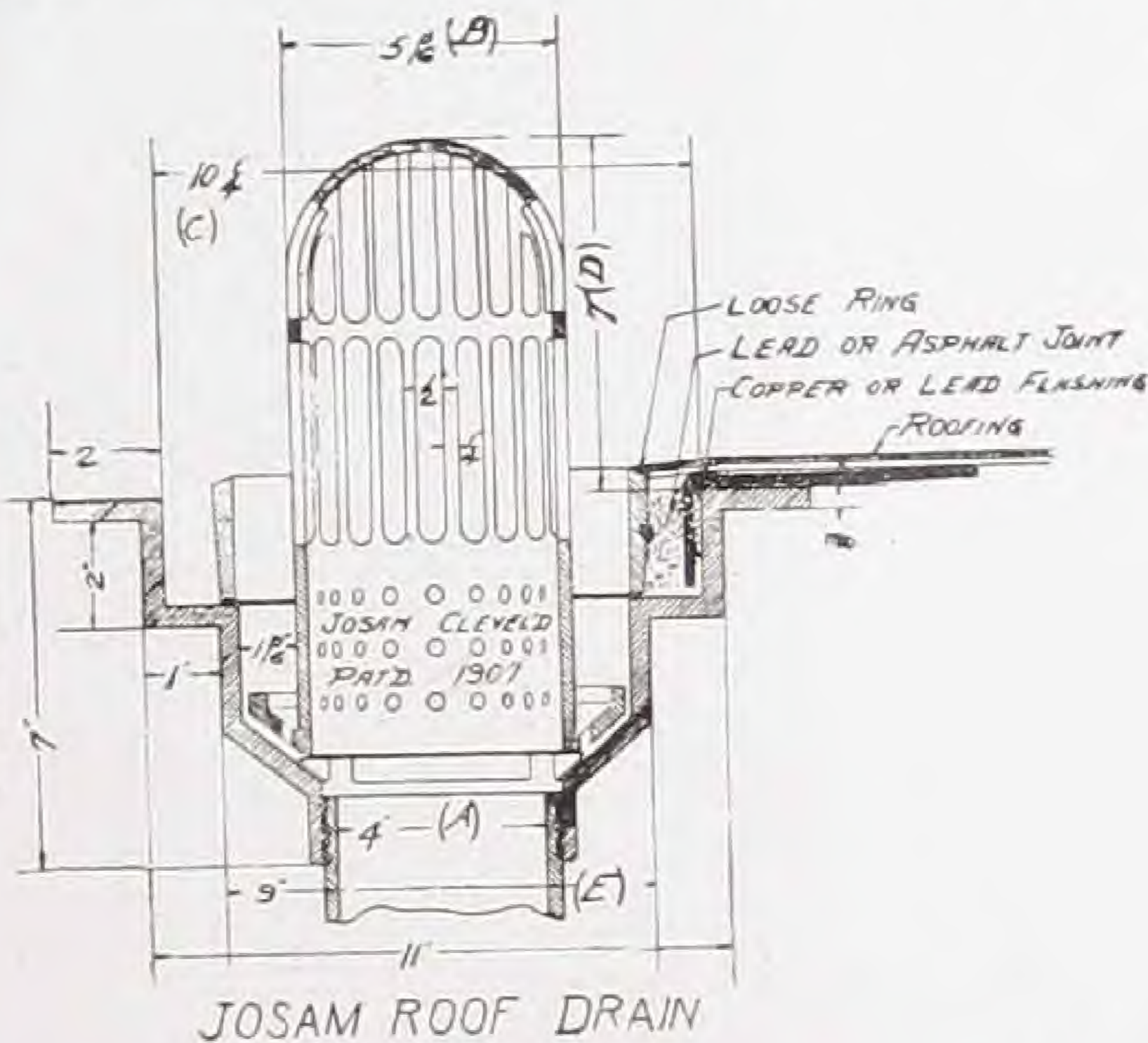
Josam Roof Drain with removable sediment cup for wood or tile roof.

This drain has an easily removable combined sediment cup and strainer dome of 2" greater diameter than the outlet of the drain. Made with guard or gravel stop to suit composition or tile roof. Loose cast

ring to form wall for making poured lead, pitch or asphaltum joint to tie metal flashing in place. Has 3" cast iron ledge to carry roof composition. This drain is applicable for use in limited space, being 5 1/2" lesser diameter than our 400A type.

Patented May 28, 1907

	A	B	C	D	E
	2 5/8	10 1/2	7	9"	
400AA	3 5/8	10 1/2	7	9"	
	4 5/8	10 1/2	7	9"	
401AA	5 6/8	11 1/2	7	10"	
402AA	6 7/8	12 1/2	7	11"	
404AA	8 9/8	14 1/2	7	13"	



No.	Outlet	No. 400AA	Price
400AA	2" or 3"	.....	16.00
400AA	4"	.....	\$16.00
401AA	5"	.....	18.00
402AA	6"	.....	20.00
404AA	8"	.....	28.00

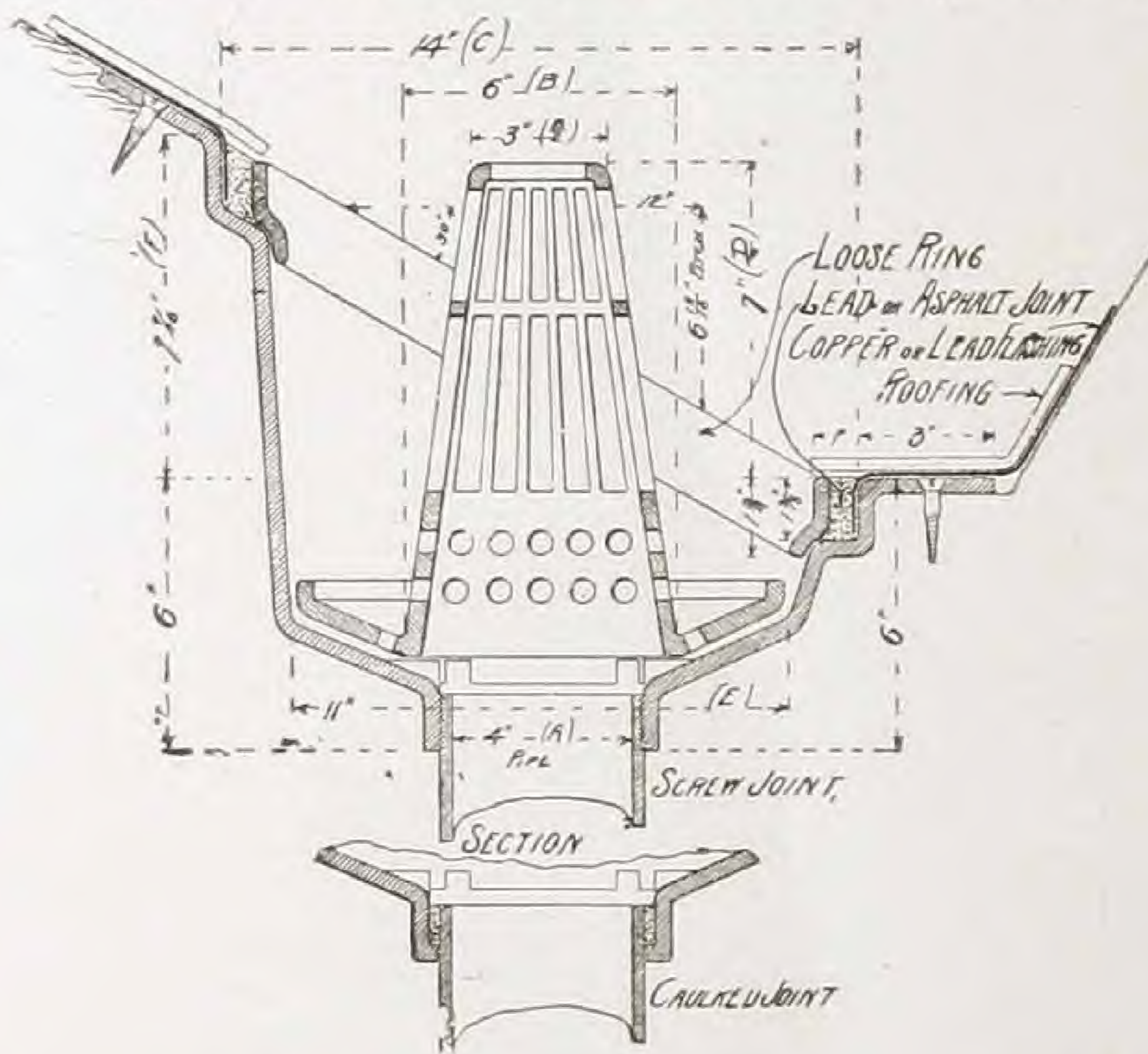




JOSAM ROOF DRAIN WITH REMOVABLE SEDIMENT CUP, FOR SAW-TOOTH ROOFS

This drain has an easily removable combined sediment cup and strainer of 2" greater diameter than the outlet of the drain. Equipped with loose cast ring which forms wall for making a poured lead, pitch or asphaltum joint to tie metal flashing in place.

The construction of this drain is such that the outlet comes to one side of the bearing construction of the saw-tooth valley, thereby avoiding the necessity of offsetting the drain outlet.



No. 400C
Patented May 28, 1907

No.	Outlet	Price S. P. Ends	Price Threaded Ends
400C	4"	\$26.00	\$27.00
401C	5"	28.00	29.00
402C	6"	30.00	31.00





Josam Deep Seal Trap

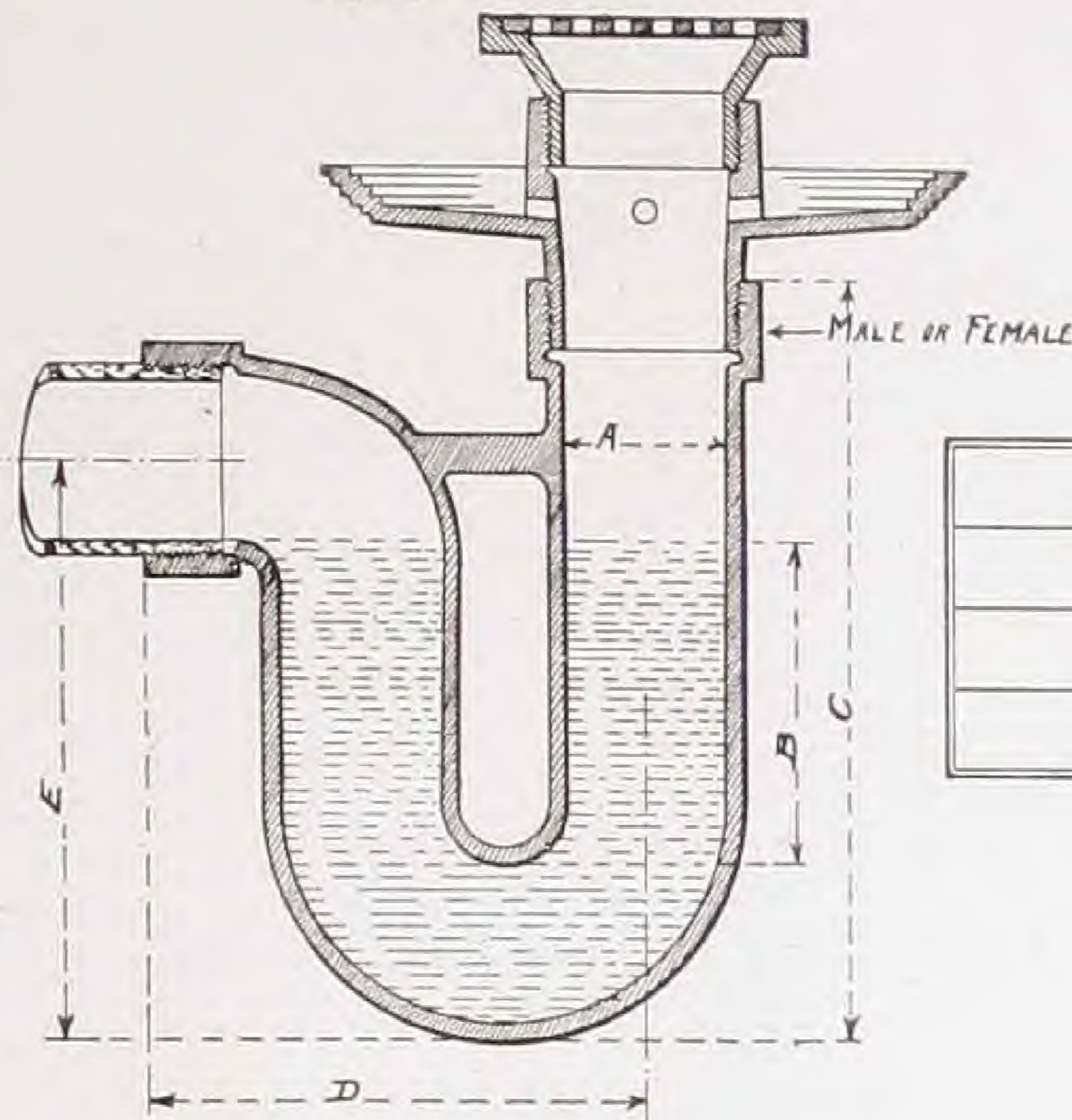
To be used in connection with any of our drains. Made with Hub or Thread outlet.

List Prices on Deep Seal Traps Only

Outlet	Seal	Price
2"	4"	...\$3.00
3"	5"	... 4.25
4"	5"	.. 5.50

Galvanized Additional

Patented May 28, 1907



	A	B	C	D	E
	2"	4"	9½"	6"	7½"
	3"	5"	13"	7½"	9½"
	4"	5"	15½"	9½"	11"

JOSAM DEEP SEAL TRAP



Josam Hinged Strainer

Price
Additional

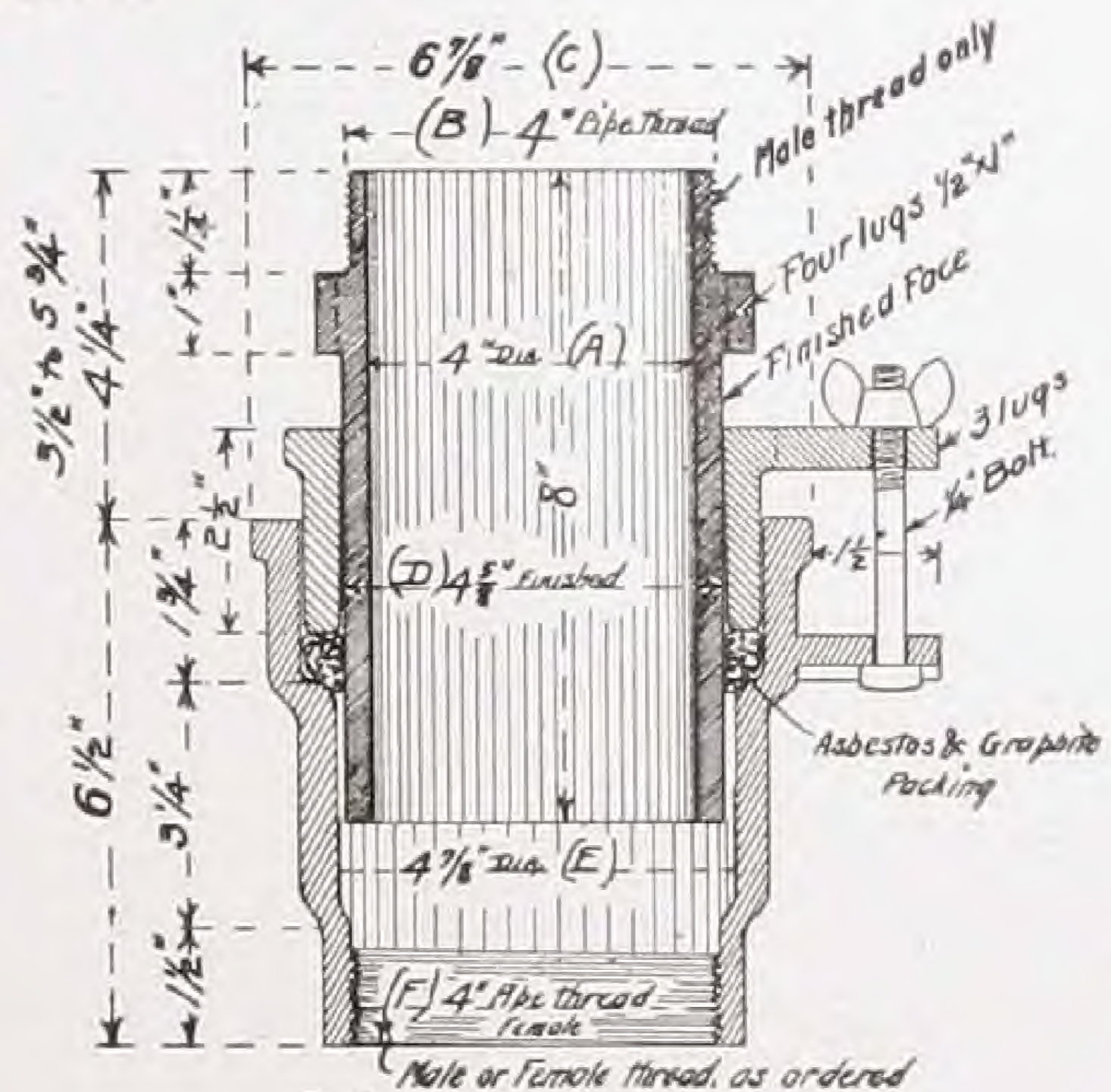
4" Hinged Strainer.....	\$1.00
5" Hinged Strainer.....	1.25
6" Hinged Strainer.....	1.60

Made to fit any Josam Trap

Josam Expansion Joint Connection

For use in connection with all types of Josam Roof and Floor drains. Made of heavy cast iron. Constructed with pocket providing for expansion or contraction up to 1½". Fitted with graphite saturated asbestos rope packing which is expanded by means of gland ring wing nut and bolt.

	Price
For 4" pipe.....	\$ 9.50
For 5" pipe.....	12.00
For 6" pipe.....	14.00
For 8" pipe.....	16.00

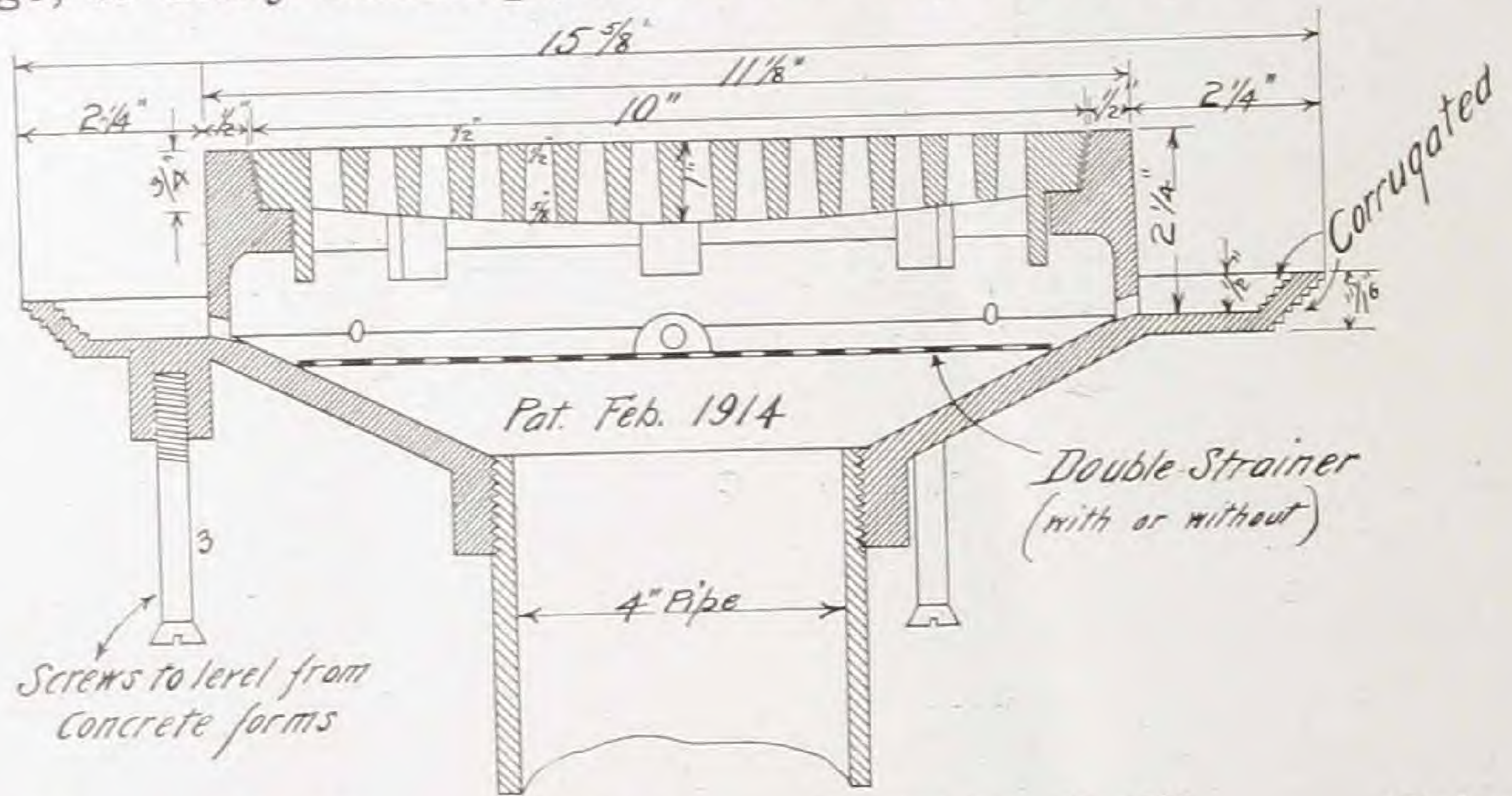




NO. 500A Patented May 28, 1907

Josam Double Drainage Extra Heavy Floor Drain or Cess-pool, with leveling screws and supplementary grates and anti-tilting top grate 1" thick. Especially constructed for packing house, factory, warehouse, cold storage,

or dairy buildings, where a heavy drainage is required.



Patented May 28, 1907

No.	Grate	Outlet	Price
500A	10"	2" or 3"	\$10.00
500A	10"	4"	10.50
502A	14"	6"	16.00
502A	14"	8"	24.00
500A	10"	3"	\$10.00
502A	14"	4"	12.00

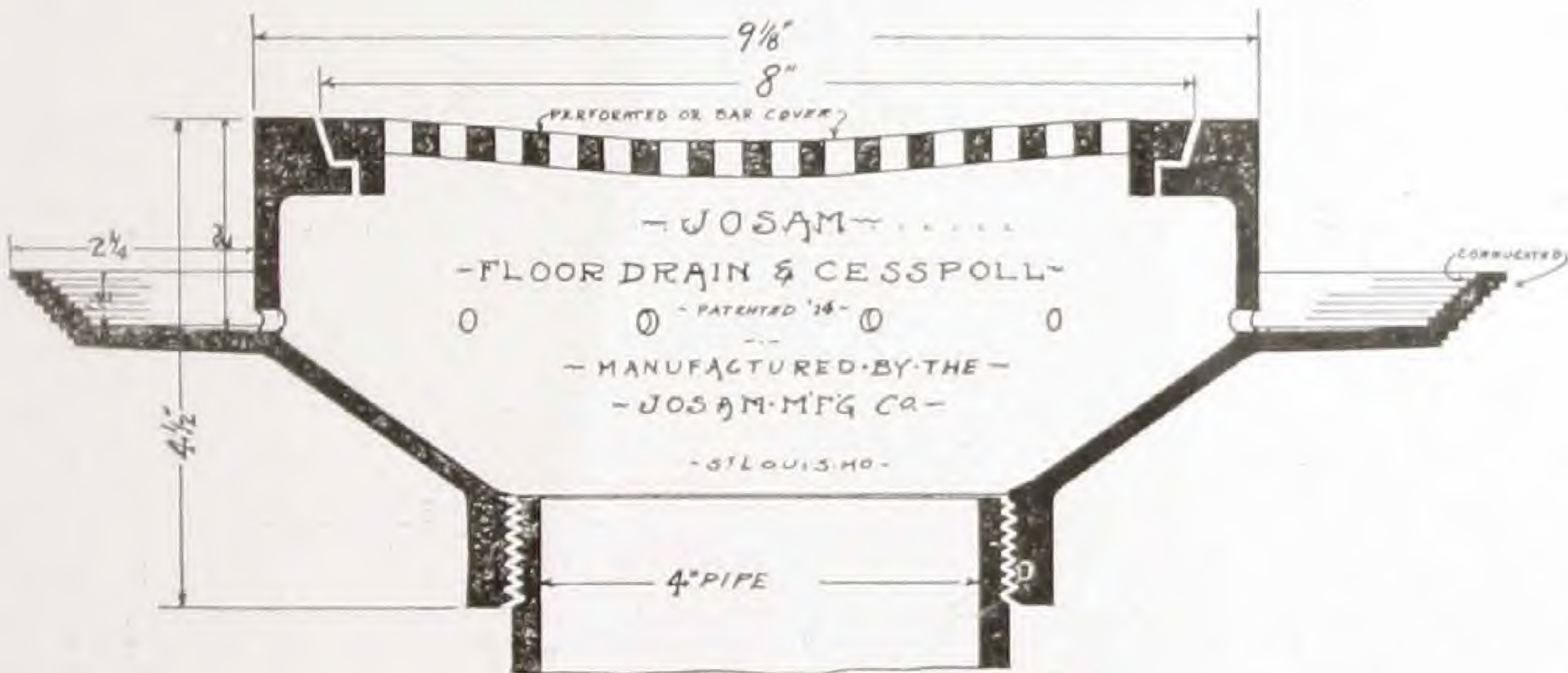
Galvanized Additional





Patented May 28, 1907
No. 500

Josam Double Drainage Floor Drain or Cesspool, with anti-tilting strainer. Especially useful for dairy, laundry, warehouse or factory buildings, also for drain, on promenade roofs. All cast iron. Also brass grate if required, at additional price.

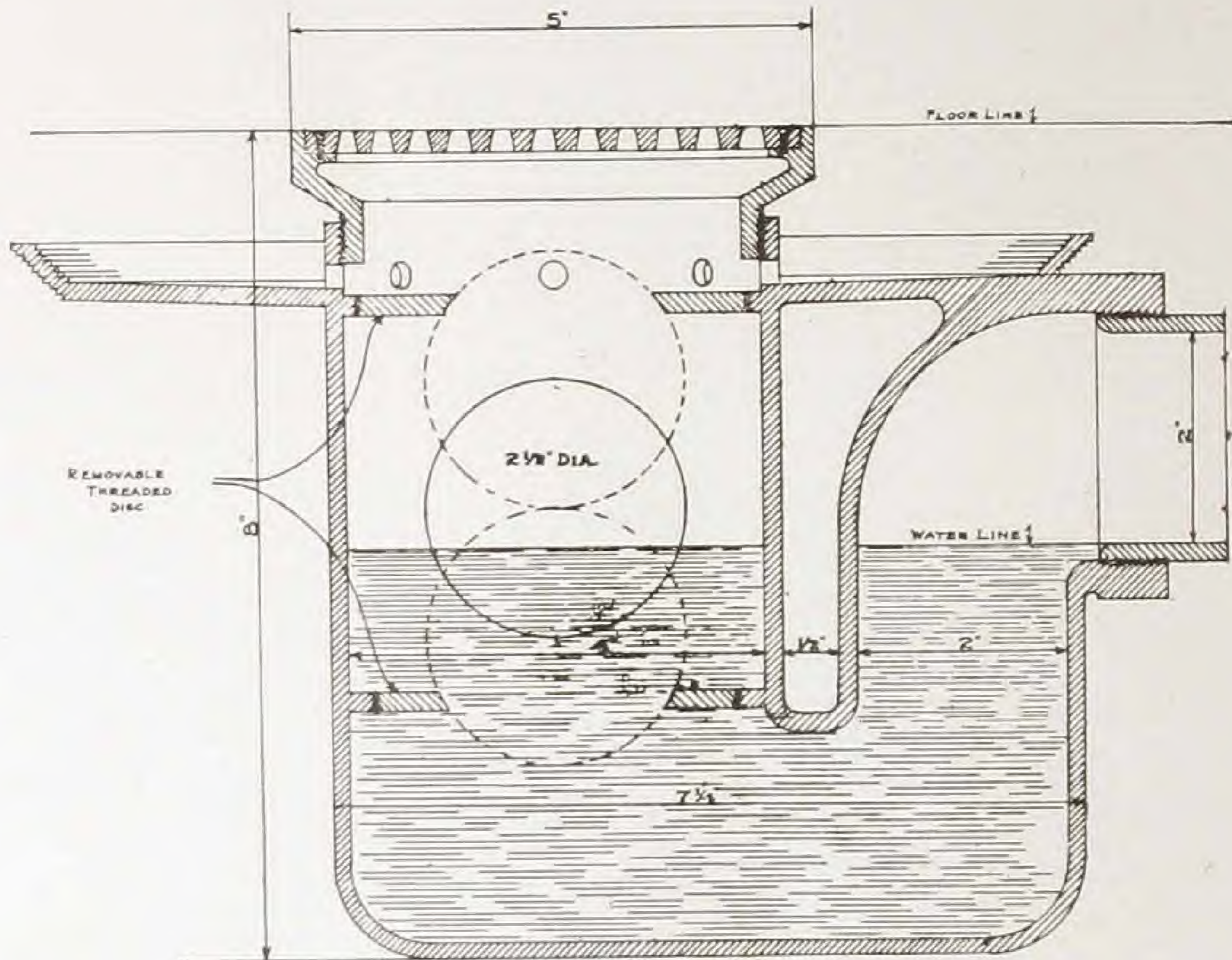


Patented May 28, 1907

No.	Strainer	Outlet	Price
500	2" or 3"		7.50
500	8"	4"	\$ 7.50
501	11"	6"	12.00

Soil pipe connectors extra. Galvanized & ...





No. 700

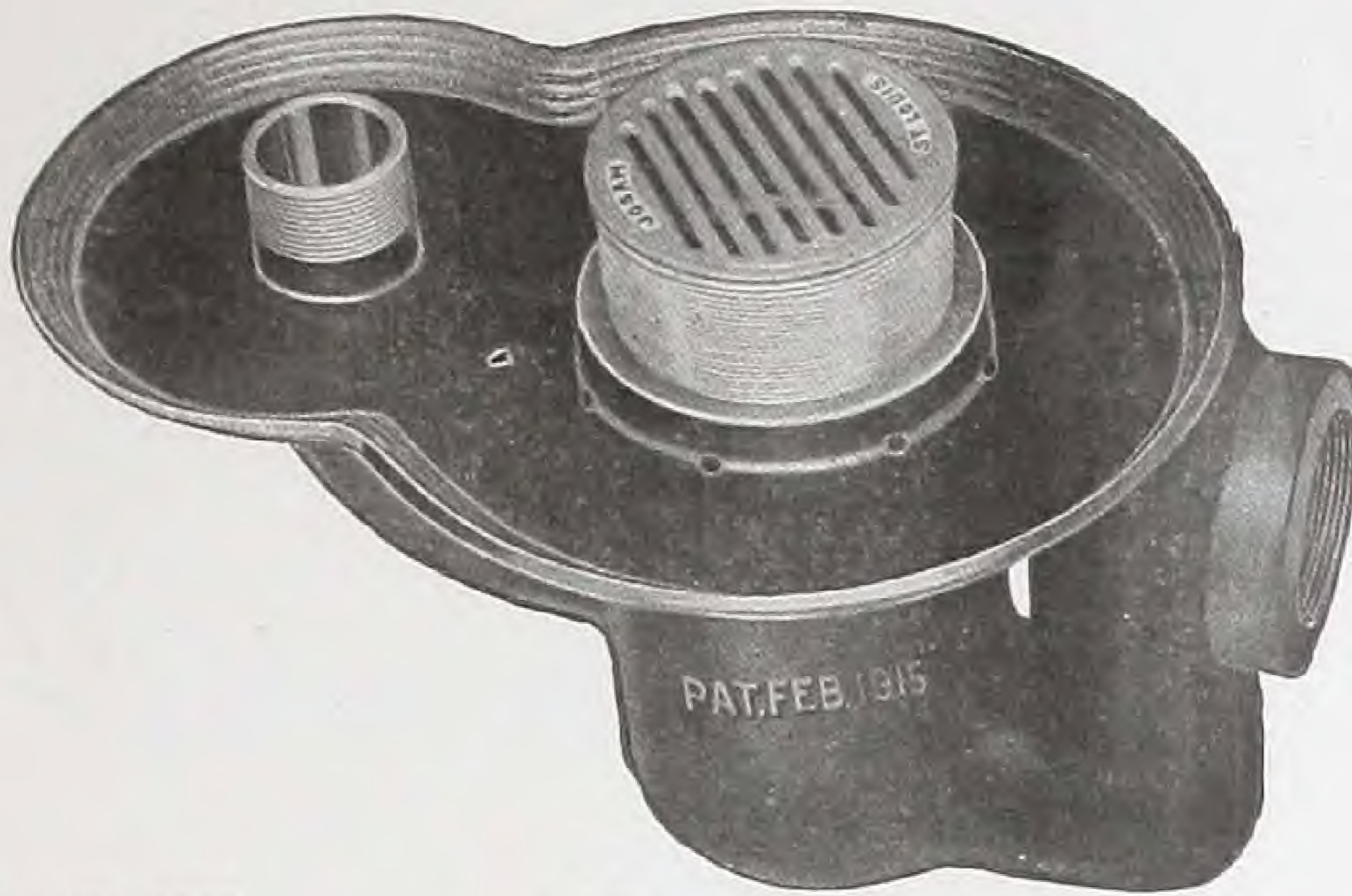
Patented May 28, 1907

5" Strainer 2" Outlet.....\$18.00

Josam Double Drainage Combined Trap and Drain with Back Water Valve Attachment, with double seat in which ball valve operates, in case of back water the ball valve closes against the upper seat and in case of evaporation or syphonage the ball valve lowers as the water level lowers and when this level reaches the point of breaking water seal the ball valve seats against the lower seat and prevents the sewer gas from escaping to the room.

This type of trap being especially necessary where floor drains are installed in toilet rooms, etc., where there is a possibility of water backing through floor drain from other plumbing fixtures.

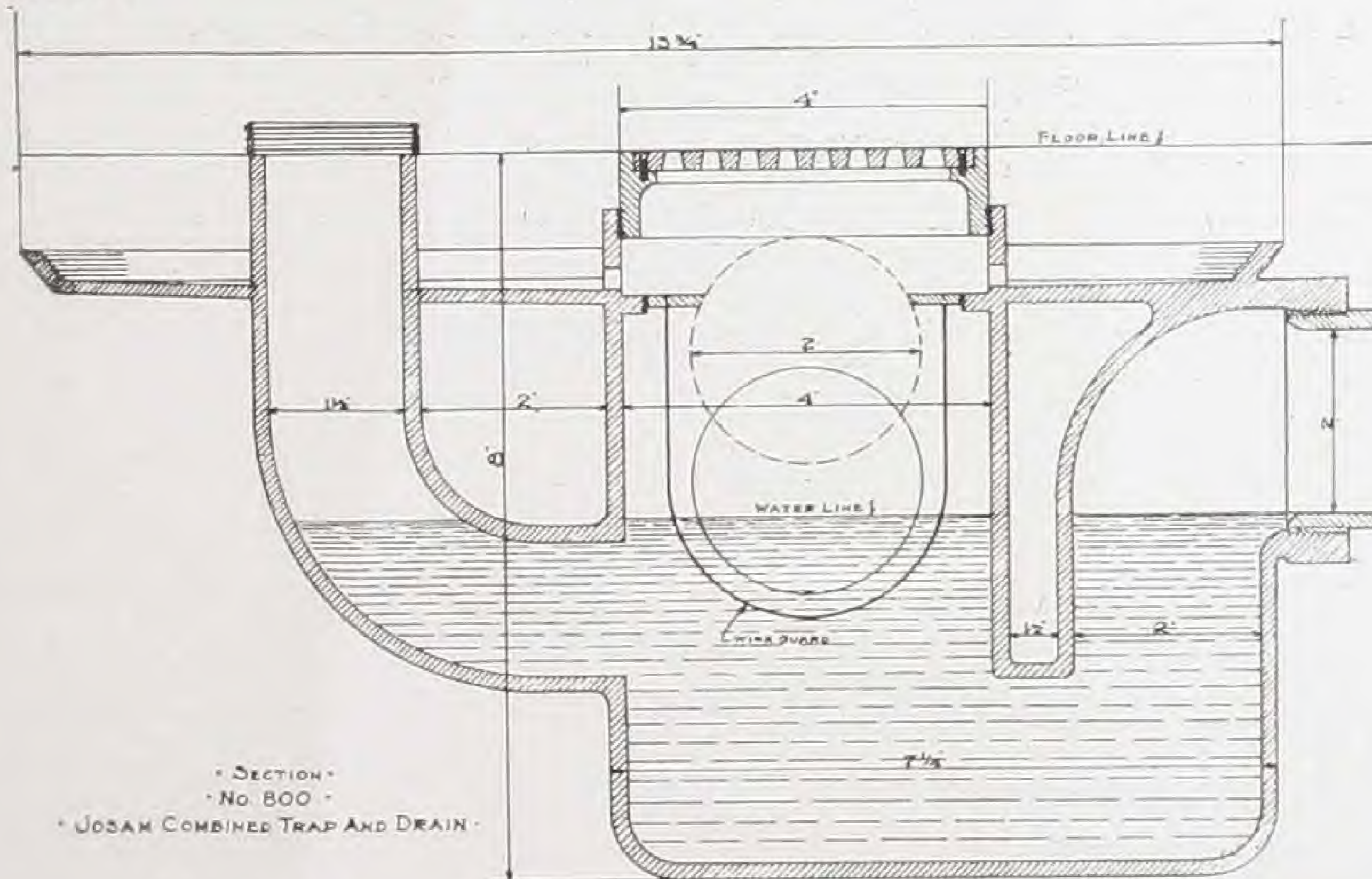




Patented May 28, 1907

No. 800

Josam Double Drainage Combined Floor Drain and Bath Trap. In this drain we have the new idea and requirement of bath tub trap which is a floor drain as well as back water trap, we also incorporate our exclusive Double Drainage Feature in this trap. With this trap installed floors may be flushed without fear of leakage to the ceiling below, making the wiping and mopping of these floors unnecessary by having this surface drain to carry off water.



No. 800

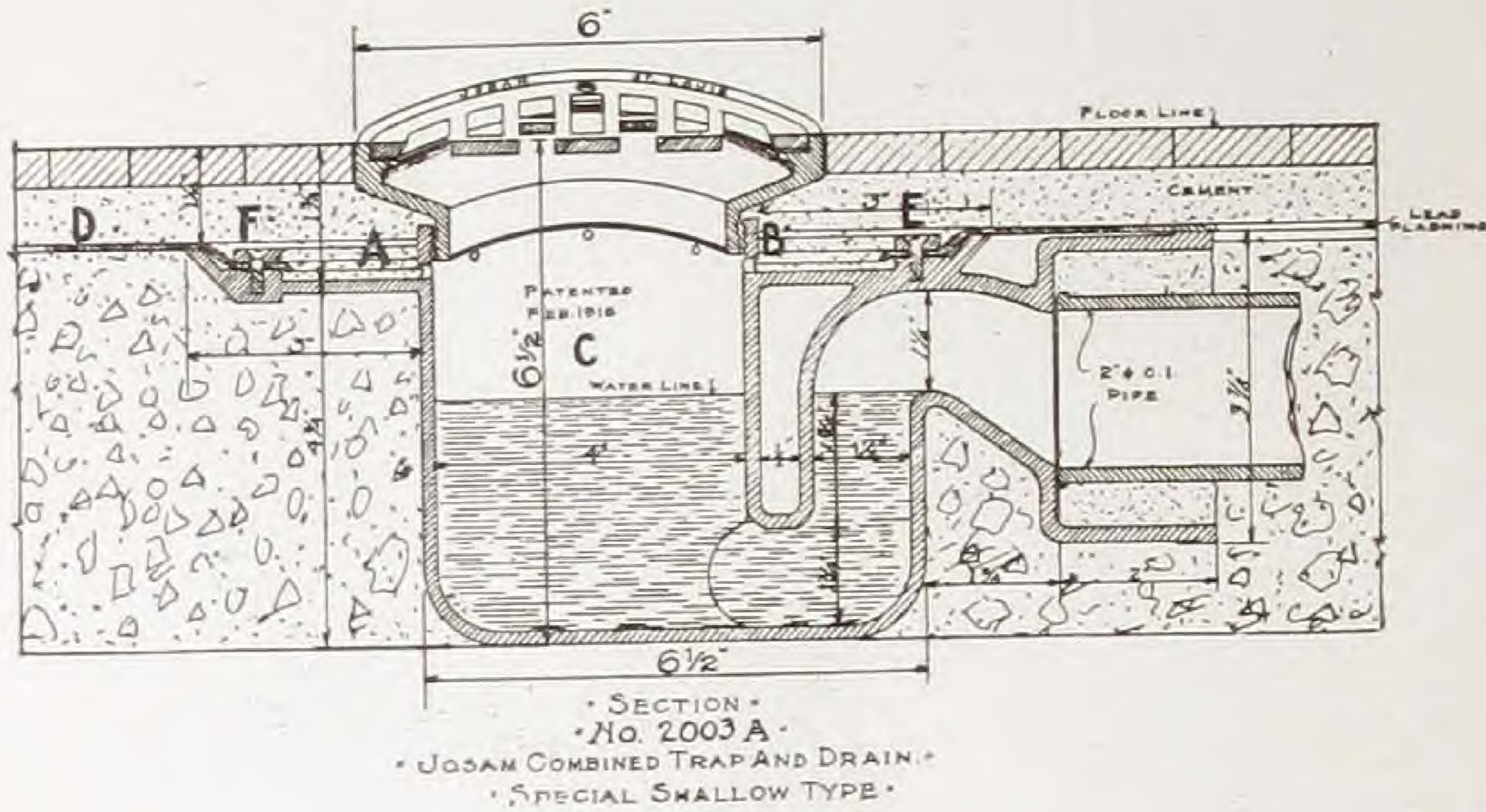
Strainer 4"

Outlet 2"

Patented May 28, 1907

Price \$24.00





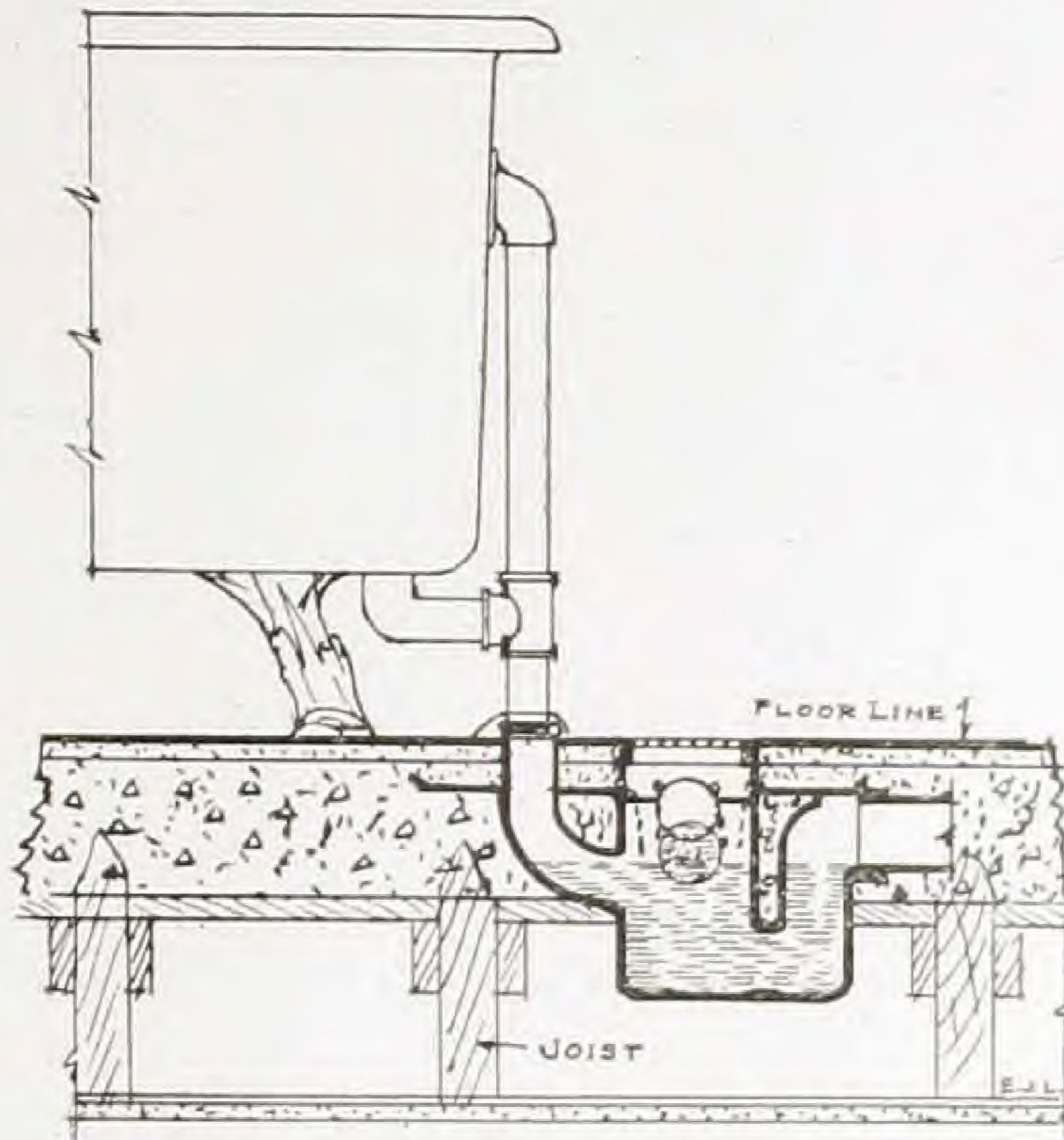
Patented May 28, 1907

This illustration shows our No. 2003A special shallow type combined trap and drain having a 6" large water way strainer and a 2" hub or screw end outlet, with the lead flashing as applied to the general concrete construction with tiled surface or floor, you will note that this drain can be used in any floor of a thickness of 6½" or more and has the extended flange or cup (marked A) with drain holes (B) therein leading into the main body of the drain (C); also note lead flashing (D), which is clamped between metal ring (E) and flange (A), by means of screws (F,) thereby making a positive water proof line in construction and any leakage getting through the surface of the floor at any point is caught by this water proof line and drains through holes into drain pipe. When installing this or any other **Josam Drains** see that the small drain holes (B) are protected sufficiently to prevent thin cement from filling these holes, this can easily be accomplished by using a moist mixture of cement or concrete, or a strand of plumbers oakum, and placing a small amount of same in front of holes before permanent floor is layed, these holes can also be easily cleaned by removing top strainer (after floor is layed) and probe out holes from the inside of drain as the holes are conveniently accessible from the inside.



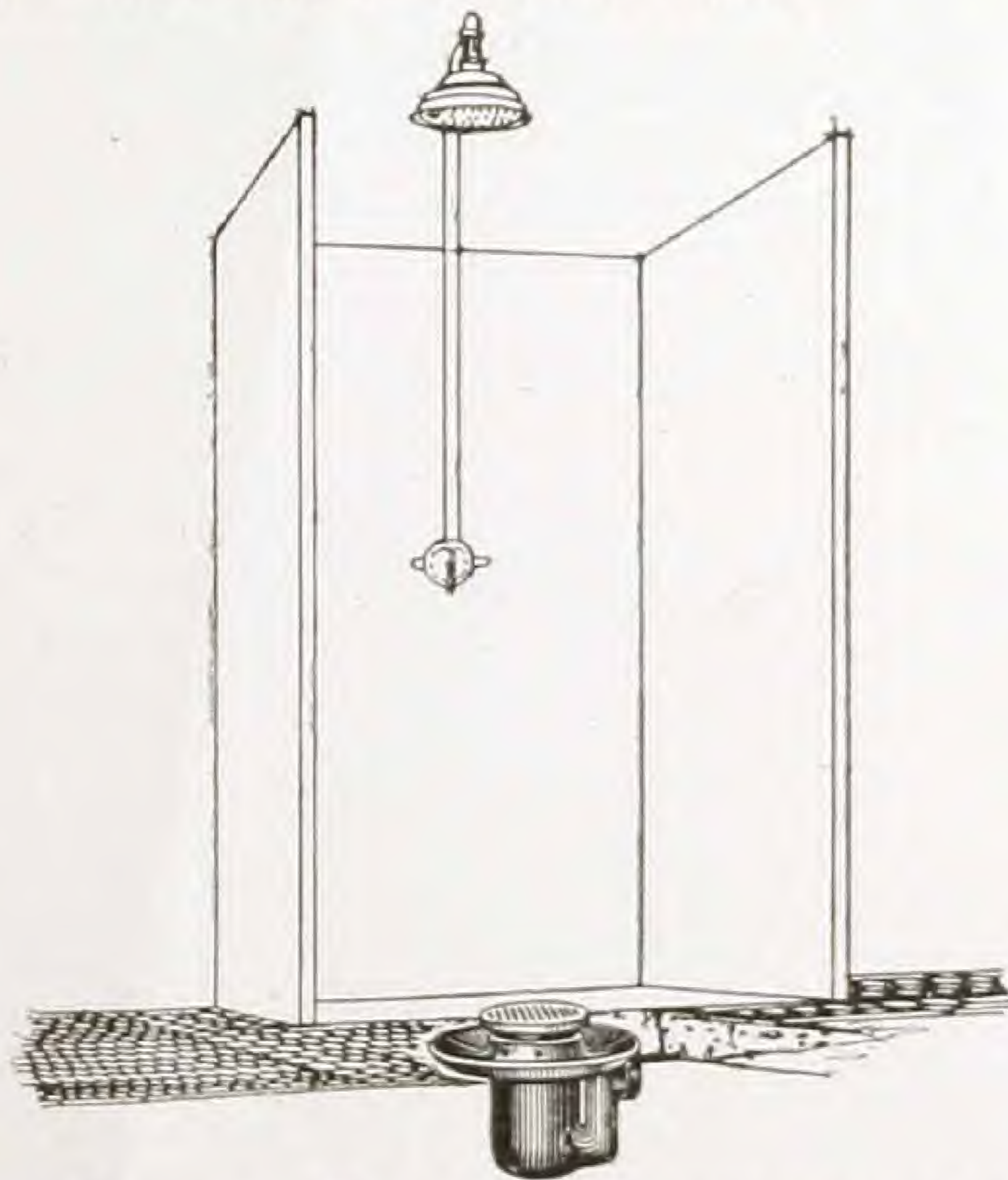


Patented May 28, 1907



INSTALLATION OF NO. 800 TRAP.

The above illustration shows how our No. 800 combination floor drain as installed in conjunction with bath tub and receiving waste of same as well as being a drain for bath room floor at the same time.



Patented May 28, 1907

Showing Josam Double Drainage trap and drain as installed in conjunction with shower bath stall.



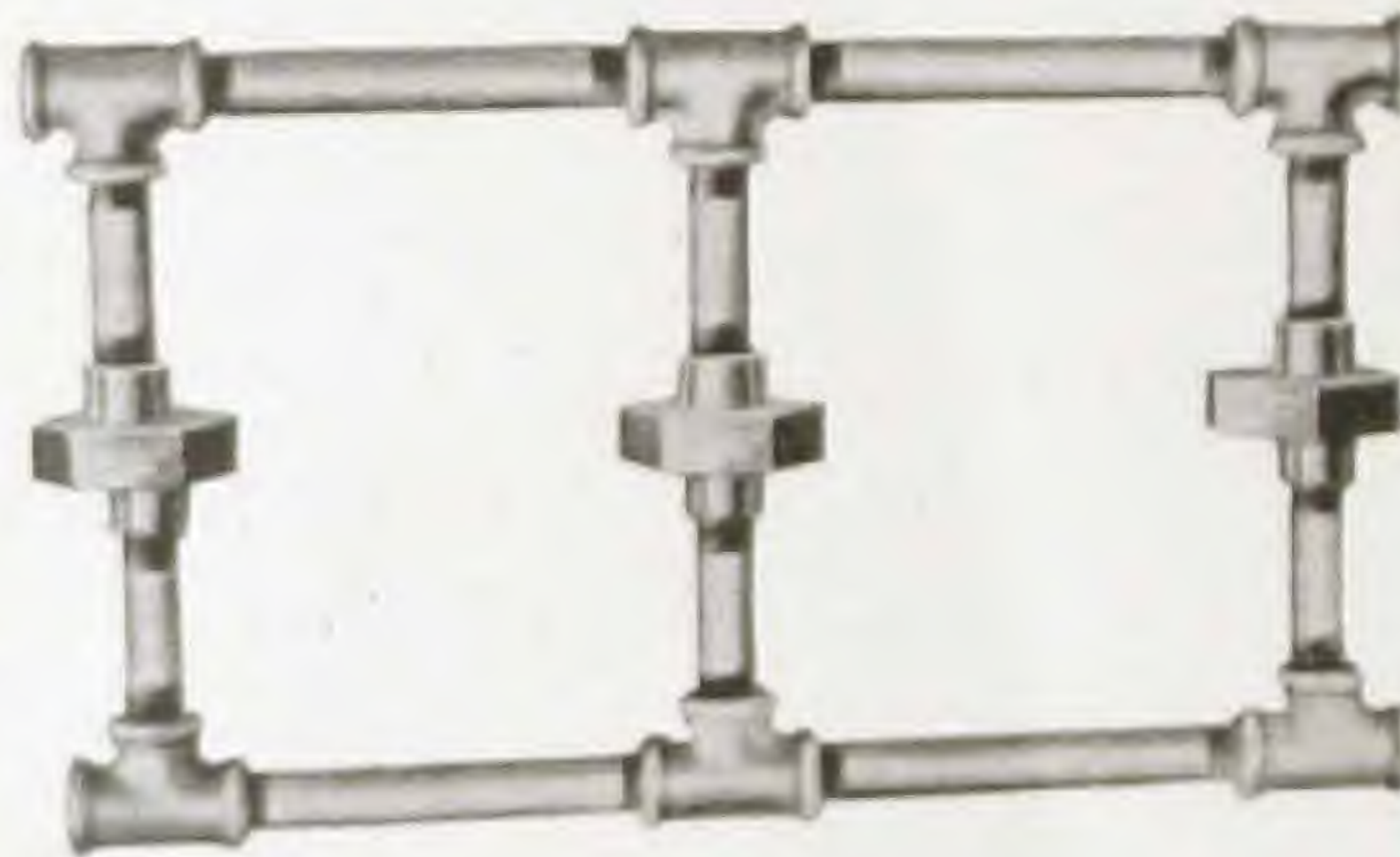


Josam Double Eccentric Union
 Made In All Sizes, Black or Galvanized



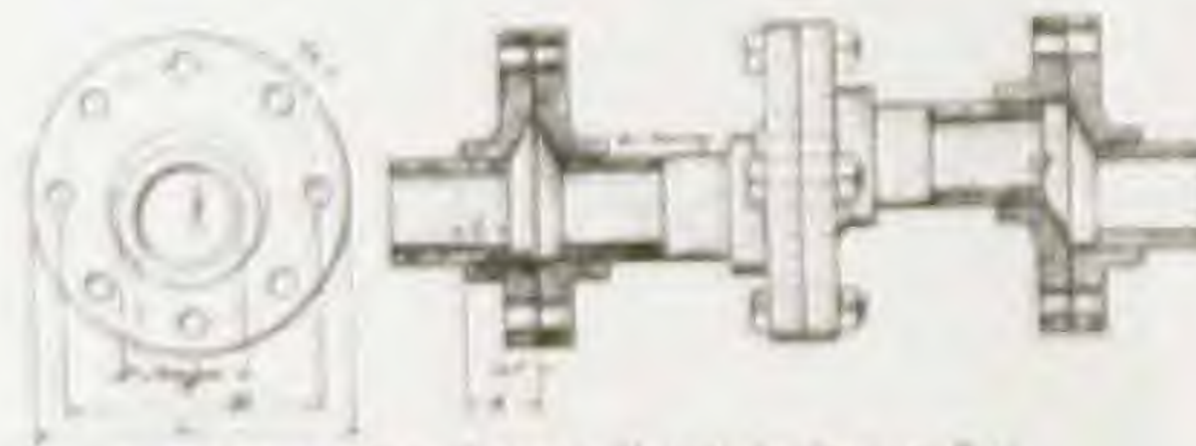
Patented Nov. 14, 1918

Josam Double Eccentric Unions As Applied In Actual Installation



Patented Nov. 14, 1918

Josam Double Eccentric Flanged Union



*JOSAM ECCENTRIC FLANGED UNION FOR COPING PIPE
 IN LINE OR AT AN ANGLE OR IN LINE IN ANY DIRECTION*

Size	A	B	C	D	E	F	G	H
1/2"	1.125	1.375	1.625	1.875	2.125	2.375	2.625	2.875
3/4"	1.375	1.625	1.875	2.125	2.375	2.625	2.875	3.125
1"	1.625	1.875	2.125	2.375	2.625	2.875	3.125	3.375
1 1/4"	2.125	2.375	2.625	2.875	3.125	3.375	3.625	3.875
2"	2.625	2.875	3.125	3.375	3.625	3.875	4.125	4.375
2 1/2"	3.125	3.375	3.625	3.875	4.125	4.375	4.625	4.875
3"	3.625	3.875	4.125	4.375	4.625	4.875	5.125	5.375
3 1/2"	4.125	4.375	4.625	4.875	5.125	5.375	5.625	5.875
4"	4.625	4.875	5.125	5.375	5.625	5.875	6.125	6.375
4 1/2"	5.125	5.375	5.625	5.875	6.125	6.375	6.625	6.875
5"	5.625	5.875	6.125	6.375	6.625	6.875	7.125	7.375
5 1/2"	6.125	6.375	6.625	6.875	7.125	7.375	7.625	7.875
6"	6.625	6.875	7.125	7.375	7.625	7.875	8.125	8.375
6 1/2"	7.125	7.375	7.625	7.875	8.125	8.375	8.625	8.875
7"	7.625	7.875	8.125	8.375	8.625	8.875	9.125	9.375
7 1/2"	8.125	8.375	8.625	8.875	9.125	9.375	9.625	9.875
8"	8.625	8.875	9.125	9.375	9.625	9.875	10.125	10.375
8 1/2"	9.125	9.375	9.625	9.875	10.125	10.375	10.625	10.875
9"	9.625	9.875	10.125	10.375	10.625	10.875	11.125	11.375
9 1/2"	10.125	10.375	10.625	10.875	11.125	11.375	11.625	11.875
10"	10.625	10.875	11.125	11.375	11.625	11.875	12.125	12.375

Patented Nov. 14, 1918

Prices Furnished On Application





RECENT INSTALLATIONS

Buildings	City	Architect
Alexander Graham Bell School	Chicago, Ill.	A. F. Hussander
Administration Bldg.	New Haven	
Tuberculosis Hospital	New Haven, Conn.	L. W. Robinson
Armour & Co. Packing Plant	Poughkeepsie, N. Y.	Armour & Co. Architects
Cook County Infirmary Bldg.	Oak Forest, Ill.	Cook County Architect
Chamberlain Hotel Bldg.	Des Moines, Iowa	
Springfield High School	Springfield, Ill.	Wm. B. Ittner, St. Luis Geo. H. Helme, Springfield
Shawnee Hotel	Springfield, O.	H. Ziegler Dietz
City Hospital	Newark, N. J.	Geo. W. Knight
State Industrial School Gymn.	Eldora, Iowa	Iowa State Architect
Blanton Mfg. Co. Building	St. Louis, Mo.	T. P. Barnett Co.
Hammond Standish & Co. Packing Plant	Detroit, Mich.	Mildner & Eisen
Apartment Building	Detroit, Mich.	Darling & Walper
Nurses' Home, Kalamazoo Hospital	Kalamazoo, Mich.	Wernette-Eradfield-Meade Co. Grand Rapids, Mich.
Mehrtens Hotel	Grand Rapids, Mich.	Robinson & Campau
Bliss School	St. Joseph, Mo.	Trunk & Gordon
St. Louis Refrigerating & Cold Storage Company Bldg.	St. Louis, Mo.	Tait-Nordmeyer Engr. Co.
Auto Building, Chas. B. Bittel	St. Louis, Mo.	Clymer & Drischler
Precinct Police Stations	New York City	Police Dept. Engr.
Factory Building	Norwood, Ohio	Tietig & Lee, Cincinnati
Portage Path School	Akron, Ohio	T. Ralph Ridley
Hotel Olmstead	Cleveland, O.	
Hollendon Hotel	Cleveland, O.	George F. Hammond
Miller School	Akron, Ohio	T. Ralph Ridley
Elks' Building	Dayton, Ohio	Pretzinger & Musselman
Central Square Hotel & Theater	Youngstown, O.	Knox & Elliott
Crathmore Hotel	Grand Rapids, Mich.	Robinson & Campau
Jennings School	Akron Ohio,	T. Ralph Ridley
Truax Apartments	Syracuse, N. Y.	
Ottumwa Hotel	Ottumwa, Iowa	Proudfoot, Eird-Rawson, Des Moines, Iowa
G. Mathes Iron & Metal Co. Warehouse & Foundry	St. Louis, Mo.	J. M. Hirshstein
Robinson School Annex	Akron, Ohio	T. Ralph Ridley
Apartment Building	Chicago, Ill.	Carl Westerlind
Chittenden Hotel Building	Columbus, Ohio	F. L. Packard
Y. M. C. A. Building	Superior, Wis.	E. W. Earber
St. Vincents Hospital	Toledo, Ohio	Thcs. F. Huber
Magneto Factory, Splitdorf Elec. Co.	Newark, N. J.	Monks & Johnson, Boston
Court House building	Greeley, Colo.	Wm. H. Eowman, Denver
Court House Building	Preston, Ariz.	Wm. N. Eowman, Denver
Houghton Residence	Corning, N. Y.	Howard Greenley
Boys' Clubhouse	New York, N. Y.	Townsend-Steinle & Haskell
Long Island State Hospital	Erooklyn, N. Y.	Louis F. Pilchuer
Packing House, Jos. Stern & Son	New York, N. Y.	A. A. Otis.
Factory Building	Clouster, N. J.	Lawrence M. Loeb





RECENT INSTALLATIONS

Buildings	City	Architect
German General Protestant Orphan Home.....	St. Louis.....	Widman & Walsh
School for Blind.....	St. Louis.....	Wm. B. Ittner
Dodge Bros. Automobile Plant.....	Detroit.....	Smith, Hinchman & Grylls
Cornell University Dormitory.....	Ithaca, N. Y.....	Day & Klauder, Phila.
Wisconsin Deaconess Hospital.....	Green Bay, Wis.....	Meyer J. Sturm, Chicago
Jewish Hospital.....	Cleveland, Ohio.....	Walker & Weeks
East Side Bath House.....	Newark, N. J.....	Geo. W. Knight Co.
Schenley High School.....	Pittsburg, Pa.....	Edw. Stotz
Eastern Oregon State Hospital.....	Salem, Oregon.....	W. C. Knighton
Iowa University.....	Iowa City, Iowa.....	Proudfoot, Bird & Rawson
Hotel Martin.....	Utica, N. Y.....	T. P. Barnett Co., St. Louis
St. Elizabeth Hospital.....	Utica, N. Y.....	T. P. Barnett Co., St. Louis
Baker-Vawter Metal Plant.....	Benton Harbor, Mich.....	H. F. Portor Engr., Chicago
Willoughby High School.....	Willoughby, Ohio.....	Franz C. Warner, Cleveland
Bank Building.....	Scottsbluff, Neb.....	O. J. Hehnke
Prest-O-Lite Battery Plant.....	Speedway, Ind.....	Lockwood, Greene, Chicago
Julliette Fowler Orphan Home.....	Dallas, Tex.....	J. Hal Lynch, St. Louis
Lincoln and Jefferson Schools.....	Binghamton, N. Y.....	S. O. Lacy
Residence, G. E. Raithel.....	St. Louis, Mo.....	E. J. Lawler
New Haven Hospital.....	New Haven, Conn.....	Scopes & Feustman, N. Y.
Home for Blind.....	Jersey City, N. J.....	John T. Rowland, Jr.
Gymnasium.....	Fulton, Mo.....	Holmes & Flinn, Chicago
New Madrid County Court House.....	New Madrid, Mo.....	Clymer & Drischler, St. Louis
High School.....	Allentown, Pa.....	Ruhe & Lange
Lafayette Bank Building.....	St. Louis, Mo.....	Widman & Walsh
Omaha World Herald Building.....	Omaha, Neb.....	Thomas Kimball
School Building.....	New York City.....	C. B. J. Snyder
Pulitzer Residence.....	Clayton, Mo.....	Mauran, Russell & Crowell
Monsantio Chemical Works.....	St. Louis, Mo.....	Widman & Walsh
St. Louis County Club.....	Clayton, Mo.....	Mauran, Russell & Crowell
A. S. Aloe Building.....	St. Louis, Mo.....	Mauran, Russell & Crowell
Tyler Hotel.....	Louisville, Ky.....	D. X. Murphy & Bro.
Ottawa High School Building.....	Ottawa, Ill.....	Wm. B. Ittner, St. Louis
McCurdy Hotel Building.....	Evansville, Ind.....	H. Ziegler Dietz
Aurora Hotel.....	Aurora, Ill.....	H. Ziegler Dietz
International Tailoring Bldg.....	Chicago, Ill.....	Mundie & Jensen
County Tuberculosis Hospital.....	Chicago, Ill.....	Eric Hall
Boys' Y. M. C. A. Building.....	Chicago, Ill.....	Shattuck & Hussey
High School Building.....	Portland, Me.....	G. H. Desmond-Miller- Mayo
Scarlet Oaks Sanitarium.....	Cincinnati, O.....	W. G. Franz, Engr.
Deer Creek Commons Club House.....	Cincinnati, O.....	Sam. Hannaford & Sons
Scovill Mfg. Co. Plant.....	Waterbury, Conn.....	
Y. M. C. A. Buildings.....	Athens, Ga.....	Shattuck & Hussey, Chicago
Womens' University Bldg. of Cincinnati.....	Cincinnati, O.....	W. G. Franz, Engr.
Armour & Co. Packing Plant.....	Little Falls, N. Y.....	Armour & Co. Architects.





RECENT SPECIFICATIONS

BUILDINGS	CITY	ARCHITECT
	Chicago, Ill	
	Omaha, Neb	
	Kansas City, Mo	
	East St. Lou's, Ill	
Armour & Co., Packing Plants	St. Paul, Minn	Company Engineers
	Pittsburg, Pa.	
	Paterson, N. J	
	Boston, Mass	
	Hartford, Conn	
	Westfield, N. Y.	
California Packing Co	San Francisco, Cal	Company Engineer
	Rock Springs, Wyo	
Union Pacific R. R. Co	Cheyenne, Wyo	Company Engineer
	Council Bluffs, Ia	
P. & L. E. R. R. Roundhouse	Hazelton, O	Company Engineer
Beech Nut Packing Co	Canajharie, N. Y	Company Engineer
Van Camp Packing Co	Indianapolis, Ind	Company Engineer
Indianapolis Union Ry. Co	Indianapolis, Ind	Company Engineer
Penna. R. R. Station	Indianapolis, Ind	Price & McLanahan, Phila, Pa
U. S. Steel Corp	Neville Island, Pa	Company Engineer
Bethlehem Steel Corp	Bethlehem, Pa	Company Engineer
Willys-Overland Co	Toledo, O	Mills, Rhines, Bellman & Nordhoff
Children's Hospital	Toledo, O	Geo. B. Rheinfrank
State Bldgs	Lansing, Mich	E. A. Bowd
Dodge Residence	Detroit, Mich	Smith, Hinchman & Grylls
Packard Motor Car Co	Detroit, Mich	Alfred Kahn-Earnest Wilby Assoc.
Goodyear Tire & Rub. Co	Akron, O	Company Engineer
General Motors Co	Lansing, Mich	Company Engineer
The Jackson Club	Jackson, Mich	Claire Allen & Sons
Wilder Tanning Co.	Waukegon, Ill	A. A. Angel
The Fruit P'k'g Ass'n	Honolulu, H. I	Company Engineer
Rockefeller Foundation Hospital	Pekin, China	Shattuck & Hussey, Chicago
Paper Mill	Three Rivers, Mich	Billingham & Cobb, Kalamazoo, Mich.
Henry St. School	Grand Rapids, Mich	H. H. Turner
Mercy Hospital	Pittsburg, Pa	Edward Stotz, Pittsburg, Pa.
American Brake Shoe Co	Erie, Pa	Company Engineer
American Ry. Express Co	Buffalo, N. Y	O. H. Merritt, N. Y.
Hotel Winton	Cleveland, O	Max Dunning, Chicago
Westinghouse Elec. Mfg. Co	Essington, Pa	Westinghouse, Church, Kerr Co.
Dannemora State Hospital	Dannemora, N. Y	Louis F. Pilcher, State Archt.
Cent. R. R. of N. J. Term	Newark, N. J	Jos. O. Osgood, N. Y. C.
New Departure Mfg. Co	Bristol, Conn	Lockwood, Green & Co.
Sea View Hospital	Staten Island, N. Y	Frank Sutton & Renwick, Aspinall & Tucker, N. Y. C.
Presbyterian Church	N. Y. C.	Jcs. Gamble Rogers
Infirmery	Randalls Is	Donn Barber, N. Y. C.
McAlpin Hotel	N. Y. C.	Mr. Carney, Chief Engr.
Loft Bldg	N. Y. C.	Henry C. Pelton
Theatre	Lawrence, Mass	Blackall, Clapp & Whittemore, Boston
Titanium Alloy Mfg. Co.	Niagara Falls, N. Y	Colson & Hudson, Buffalo, N. Y.
Commercial Bldg. for John D. Rockefeller, Jr.	N. Y. C	Wm. Welles Bosworth
Dormitory	Newark, Del	Day & Klauder, Phila., Pa.
Dormitory	Highstown, N. J	Jackson, Rosecrans & Waterbury, N. Y. C.
Research Laboratory	N. Y. C.	Palmer, Hornbostle & Jones, N. Y. C.
Normal School	Hampton, Va	Ludlow & Peabody, N. Y. C.





RECENT SPECIFICATIONS

BUILDINGS	CITY	ARCHITECT
Y. M. C. A. Bldg.....	Hartford, Conn.....	Louis E. Jallade
New Mass. Technology Bldg.....	Cambridge, Mass.....	French & Hubbard, Boston, Mass.
Penn Harris Hotel.....	Harrisburg, Pa.....	Essenwein & Johnson, Buffalo
U. S. Gov. Permanent Storage.....	Chicago.....	Gardner & Lindberg, Mech. Engrs.
Skinner Packing Plant.....	South Omaha, Neb.....	W. C. Christiansen, Chicago
State Hospital.....	Stockton, Calif.....	California State Architect.
Buick Motor Plant.....	Flint, Mich.....	Company Engineers
U. S. Government Arsenals, Ware- houses, Camps, Hospitals, Prov- ing Grounds, Army, Navy and Aviation Bases		U. S. Government Engineers
General Chemical Co. Plant.....	Baltimore, Md.....	Westinghouse, Church, Kerr Co.
N. Y. C. R. R. Car Shops.....	Avis, Pa.....	Company Engineers
Southern Hotel.....	Baltimore, Md.....	Otto Simonson
Hooven, Owen, Rentschler Plant.....	Hamilton, O.....	F. C. Mueller
Michigan University.....	Ann Arbor, Mich.....	Michigan State Architect
U. S. Nitrate Plant No. 2.....	Mussel Shoals, Ala.....	Government Engineers
U. S. Nitrate Plant No. 3.....	Toledo, Ohio.....	Government Engineers
B. & O. R. R. Shops.....	Glenwood, Pa.....	Westinghouse, Church, Kerr Co.
B. & O. R. R. Shops.....	New Cumberland, Md.....	Westinghouse, Church, Kerr Co.
Annheuser-Busch Bevo Plant.....	St. Louis, Mo.....	Widman & Walsh
N. Y. C. R. R. Freight Term.....	Cleveland, Ohio.....	Watson Engineering Co.
Monticello Hotel.....	Norfolk, Va.....	
	Bayonne, N. J.....	
	Baltimore, Md.....	
Standard Oil Co. Plants.....	Elizabeth, N. J.....	Company Engineers
	Baton Rouge, La.....	
	Birmingham, Ala.....	
	Kansas City.....	
Wilson & Co. Packing Plants.....	Chicago.....	
	Chattanooga, Tenn.....	Company Engineers
	Natchez, Miss.....	
	Chicago.....	
Morris & Co. Plants.....	East St. Louis.....	Company Engineers
	South Omaha.....	
Various Schools.....	Minneapolis, Minn.....	Tyrie & Chapman
Midland Packing Plant.....	Sioux City, Iowa.....	Gardner & Lindberg
Corn Belt Packing Plant.....	Dubuque, Iowa.....	Gardner & Lindberg
Cleveland Provision Co.....	Cleveland, Ohio.....	Gardner & Lindberg
High School.....	Erie, Pa.....	Wm. B. Ittner, St. Louis, Mo.
High School.....	St Paul, Minn.....	Wm. B. Ittner, St. Louis, Mo.
Hire's Cond. Milk Plant.....	Morristown, N. J.....	Thompson & Binger, Syracuse, N. Y.
National Carbon Co.....	Cleveland.....	Company Engineer
Willard Storage Battery Co.....	Cleveland.....	Company Engineer
L. & N. R. R. Co. Roundhouse.....	Nashville, Tenn.....	Company Engineer
Continental Can Co.....	Syracuse, N. Y.....	Thompson & Binger
Boy's Club House.....	New York.....	Townsend, Steinle & Haskall
	Athens, Ga.....	
	Madison, Wis.....	
Y. M. C. A.....	Butte, Montana.....	Shattuck & Hussey
	Ft. Wayne, Ind.....	
	Chicago, Ill.....	
	New Brunswick, N. J.....	



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