No. 889,051. PATENTED MAY 26, 1908.

G. W. SCHODDE.

CESSPOOL.

APPLICATION FILED SEPT. 10, 1906.

Fig. 1.

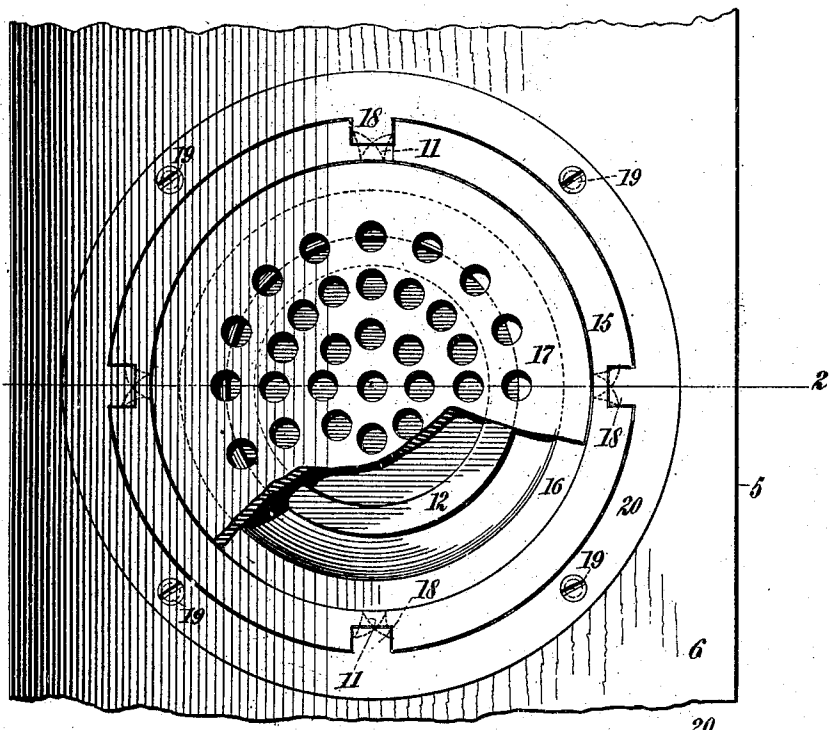
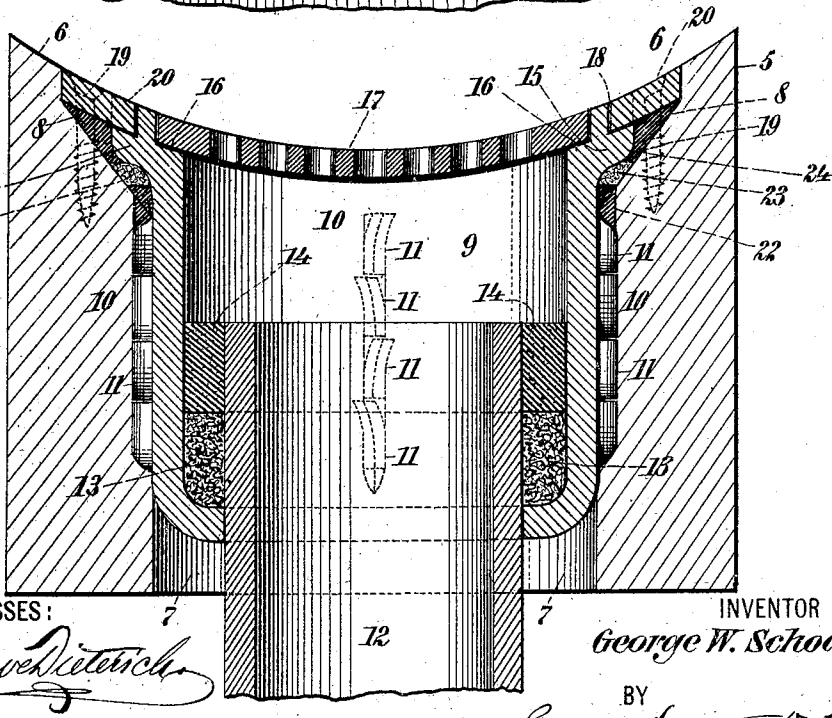


Fig. 2.



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CESSPOOL.

No. 839,051. Specification of Letters Patent. Patented May 26, 1906.

Application filed September 10, 1906. Serial No. 333,364.

To all whom it may concern:

Be it known that I, GEORGE W. SCHODDE, a citizen of the United States, residing at the city of New York, borough of Manhattan, in the county and State of New York, have invented certain new and useful Improvements in Cesspools, of which the following is a full, clear, and exact specification.

My invention relates to improvements in plumbing, and the same has for its object more particularly to provide a simple, efficient and reliable cesspool which may be readily and firmly secured in wooden or analogous gutters, floors, and other structures.

Further said invention has for its object to provide a cesspool which may be secured in position in the gutter, and to the end of the waste or drain pipe in such a manner as to produce a perfectly water-tight joint or closure at said point.

To the attainment of the aforesaid objects and ends my invention consists in the novel details of construction, and in the combination, connection and arrangement of parts hereinafter more fully described, and then pointed out in the claims.

In the accompanying drawings forming part of this specification wherein like numerals of reference indicate like parts, Figure 1 is a plan view of a portion of a gutter with a cesspool constructed according to, and embodying my said invention secured in position therein; and Fig. 2 is a section of the same taken on the line 2—2 of said Fig. 1.

In said drawings 5 designates a solid wooden gutter having its upper surface concaved transversely at 6, and provided with a circular, vertical aperture 7, having its upper edge beveled at 8, all as shown at Fig. 2.

9 denotes a cylindrical receptacle made of suitable metal, and provided along its outer surface with a plurality of vertical knife-edge ribs 10 which are divided into a plurality of sections 11, 11. The upper ends of the alternate sections 11, 11 being turned respectively to the right and left out of the general direction or line of said ribs 10. In the base of said receptacle 9 is provided an aperture adapted to receive the end of a waste or drain pipe 12 which extends about half-way into said receptacle 9, and is firmly secured therein by calking composed of a packing of oakum 13, and a seal of lead 14 extending to the upper end of said pipe 12.

15 denotes a flange arranged at the upper edge of the receptacle 9, which is recessed at its inner end to form a shoulder 16 adapted to receive and support a perforated cover plate 17. At intervals along its outer edge said flange 15 is provided with recesses 18 adapted to receive the inwardly projecting lugs 19 of an annular plate 20 which is secured along the outer edge of the flange 15 by screws 21, 21, and serves to fill the space intermediate the outer edge of the flange 15 and the inner surface of the beveled portion 8 of the aperture 7, and also cover and protect the sealing means consisting of white lead 22, 24 and oakum or cotton 23 interposed between the outer surface of the receptacle 9 at its upper end, and the interior beveled surface 8 of the aperture 7.

The manner of securing the cesspool in a gutter is as follows: The receptacle 9 is first placed in position in the aperture 7 of the gutter 5 and then driven down to the position shown at Fig. 2; the same being held firmly in position by means of the ribs 10, and the ends of the staggered sections 11, 11. Hereupon the ends of the pipe 12 may be secured in position within the receptacle 9 by calking the space intermediate its outer surface and the inner surface of the receptacle 12 with oakum 13, and lead 14. The upper end of the receptacle 9 is secured in the beveled portion 8 of the aperture 7 by first inserting a quantity of white lead 22 into the space surrounding the upper portion of said receptacle, then packing a quantity of oakum or cotton 23 above the same, and then placing a further quantity of white lead 24 upon said cotton. Hereupon the annular plate 20 is secured upon the flange 15 by means of screws 21, 21, which serves to completely cover and protect said packing materials 22, 23, 24.

Having thus described my said invention what I claim and desire to secure by Letters Patent is:

1. A cess-pool comprising a receptacle, means arranged upon the outer surface thereof for securing the same in a gutter, and sealing means disposed about said receptacle above said securing means, substantially as specified.

2. A cess-pool comprising a receptacle, means arranged upon the outer surface thereof for securing the same in a gutter, sealing means disposed about said receptacle above

said securing means, and means for covering and protecting said sealing means, substantially as specified.

3. A cess-pool comprising a receptacle, a perforated cover plate therefor, means arranged upon the outer surface of said receptacle for securing the same in a gutter, sealing means disposed about said receptacle above said securing means, and a cover plate secured upon said receptacle above said sealing means, substantially as specified.

4. A cess-pool comprising a receptacle, having an aperture in its base, a perforated cover plate for said receptacle, means arranged upon the outer surface of said receptacle for securing the same in a gutter, sealing means disposed about the upper portion of said receptacle above the securing means thereon, and an annular cover secured upon said receptacle above said sealing means, substantially as specified.

5. A cess-pool comprising a receptacle having an aperture in its base adapted to receive a pipe end, and sealing means between the inner surface of said receptacle and the outer surface of the pipe end therein, a perforated cover plate for said receptacle, a series of longitudinal ribs arranged upon the outer surface of said receptacle each composed of a plurality of sections having their upper ends staggered, sealing means disposed above and surrounding said receptacle above said longitudinal ribs, and an annular plate secured upon the upper end of said receptacle above said sealing means, substantially as specified.

6. A cess-pool comprising a receptacle having an aperture in its base adapted to receive a pipe end, and sealing means between the inner surface of said receptacle and the outer surface of the pipe end therein, a series of longitudinal ribs arranged upon the outer surface of said receptacle each composed of a plurality of sections having their upper ends staggered, sealing means disposed above and surrounding said receptacle above said longitudinal ribs, and an annular plate secured upon the upper end of said receptacle above said sealing means, substantially as specified.

7. A cess-pool comprising a cylindrical receptacle having an aperture in its base adapted to receive a pipe end, and sealing material between the inner surface of said receptacle and the outer surface of the pipe end therein, a perforated cover plate at the upper end of said receptacle, a series of longitudinal ribs arranged upon the outer surface of said receptacle each composed of a plurality of sections having the upper ends of alternate sections bent outward in opposite directions, sealing material disposed about and surrounding said receptacle adjacent to its upper end, recesses in the upper end of said receptacle, an annular plate having inwardly projecting lugs adapted to engage the recesses in the upper end of said receptacle, and means for securing said annular plate in position around the upper end of said receptacle, and over the sealing means surrounding the same, substantially as specified.

Signed at the city of New York, in the county and State of New York, this sixteenth day of July, nineteen hundred and six.

GEORGE W. SCHODDE

Witnesses:

C. A. DIETERICH,

J. G. QUINN, Jr.