

No. 887,587.

PATENTED MAY 12, 1908.

A. R. CANDY.
CUSPIDOR, DRAINAGE BOWL, OR THE LIKE.
APPLICATION FILED NOV. 27, 1906.

Fig. 1.

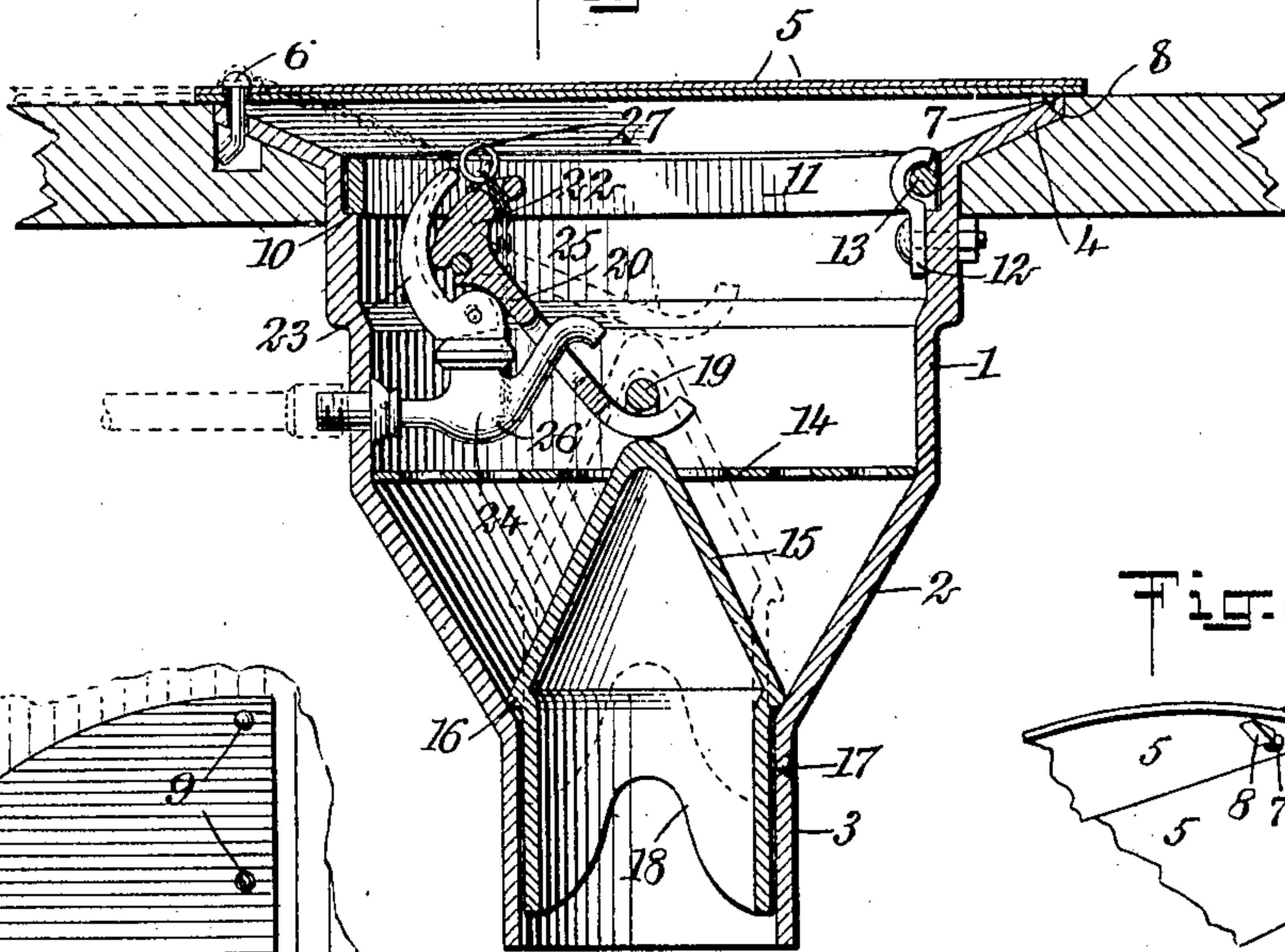


Fig. 2.

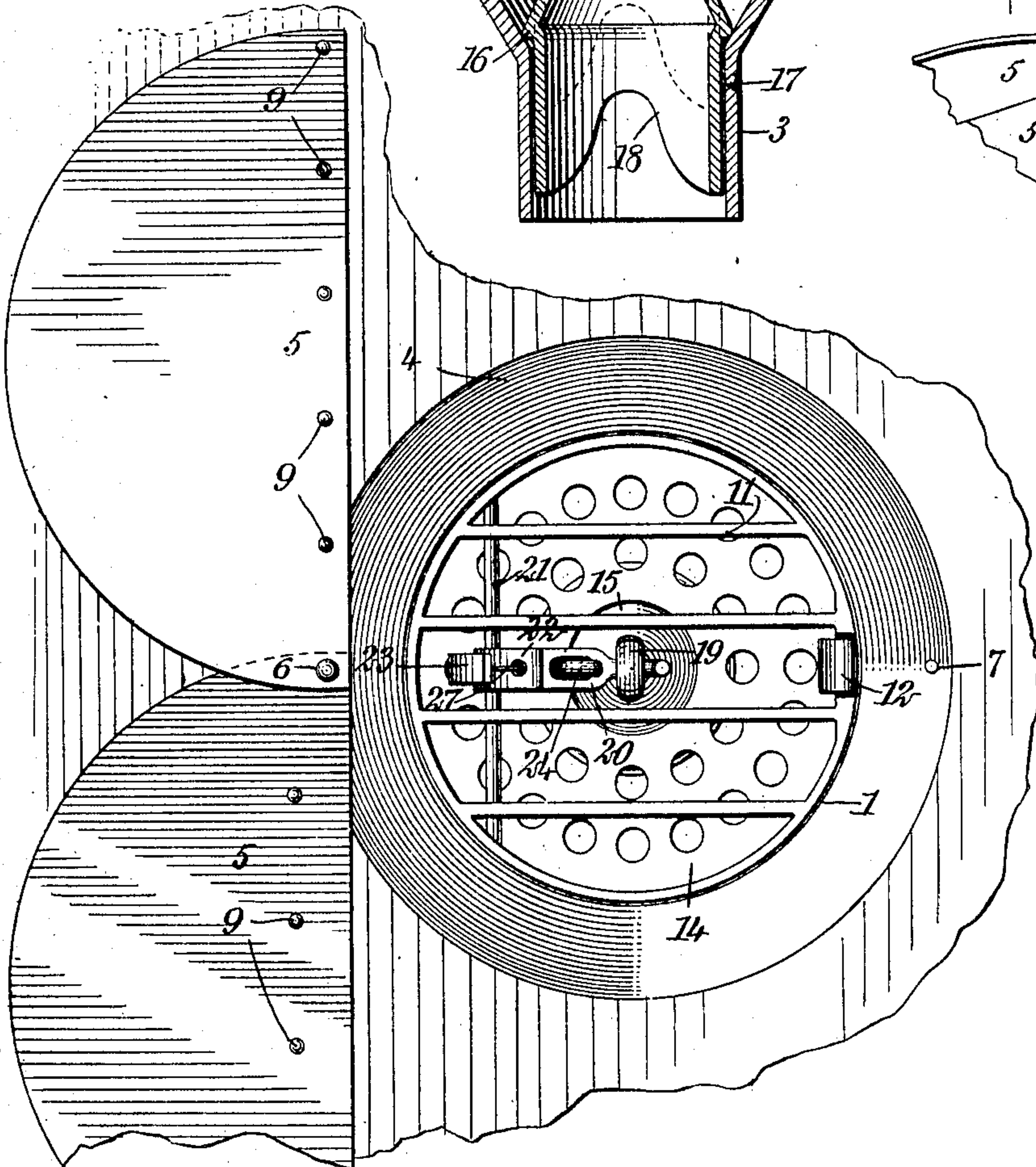
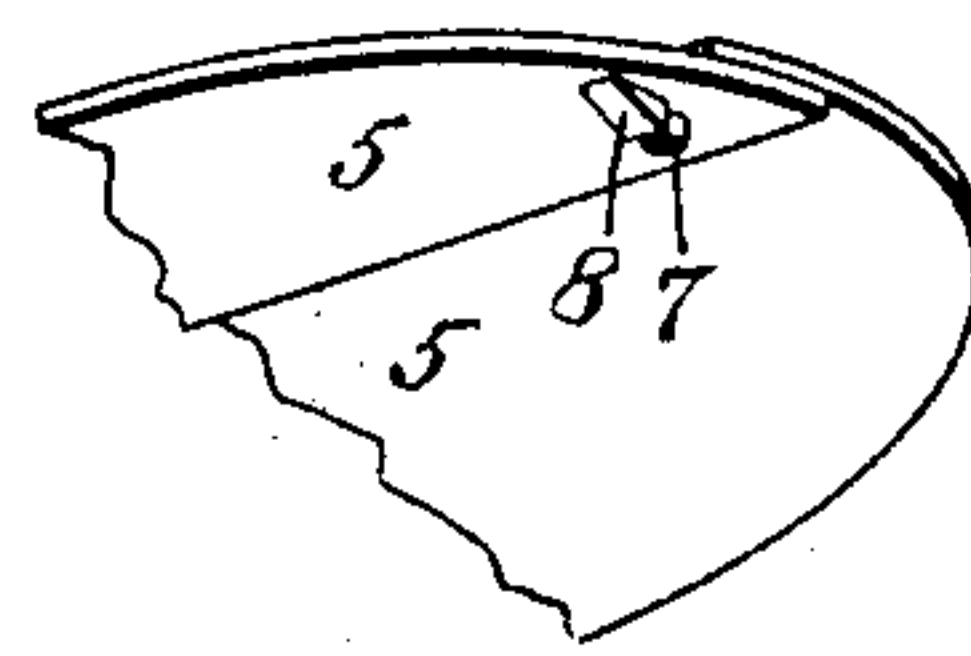


Fig. 2.

WITNESSES

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ADOLPHE RICHARDSON CANDY, OF URBANA, ILLINOIS.

CUSPIDOR, DRAINAGE-BOWL, OR THE LIKE.

No. 887,587.

Specification of Letters Patent.

Patented May 12, 1908.

Application filed November 27, 1906. Serial No. 345,315.

To all whom it may concern:

Be it known that I, ADOLPHE RICHARDSON CANDY, a citizen of the United States, and a resident of Urbana, in the county of Champaign and State of Illinois, have invented a new and Improved Cuspidor, Drainage-Bowl, or the Like, of which the following is a full, clear, and exact description.

This invention is an improvement in cuspidors, drainage bowls or other like devices, of the type that occupy a fixed position in the floor and are connected with a sewer or other suitable drainage or discharge into the open, especially designed for cars, hotels and public places.

The nature of the construction is such that the device is easily kept in a clean and sanitary condition and may be inclosed, when not in use.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a vertical, central section through one embodiment of my invention; Fig. 2 is a plan view of the same, and Fig. 3 is a fragmentary, perspective view of the lid for closing the device when not in use.

In carrying out my invention I employ a bowl 1, preferably cylindrical, and having a lower funnel-shaped end 2 connecting with a drain-pipe 3. The upper end of the bowl has a flaring mouth 4, which when fixed in position, is sunk into an opening in the floor to bring the mouth substantially below the surface of the floor, admitting of dirt, dust etc., being swept into the bowl.

For covering the device when not in use, are two lids 5, preferably of sheet metal, each being somewhat greater than a semicircle, and pivoted together at one corner and to the mouth 4 by a pin 6, the latter being bent at its lower extremity, as shown in Fig. 1, for holding it in place. At a point diametrically opposite the pin 6, the mouth 4 is provided with a projection 7 coacting with a projection 8 on the under face of one of the lids 5, as shown in Fig. 3, and forming a stop therewith to limit the further inward movement of this lid 5 when it is swung to cover a portion of the device. Both lids 5 are constructed with a row of protuberances 9 arranged parallel to and near their straight

edges, adapting the lids to be swung on their pivots by pushing them with the feet.

The upper end of the bowl 1 adjacent to the flaring mouth 4 is rabbeted, providing a seat 10 for a grating 11, said grating being preferably pivotally attached to the bowl by a keeper 12 embracing a rounded portion or pin 13 carried by the grating.

Seated in the angle between the parts 1 and 2 of the bowl when used as a drainage bowl is a perforated plate or disk 14, having an opening at its center through which passes the upper conical end of a valve 15, said valve having a seat 16 forming a water-tight connection with the lower end of the bowl 1, and also having a cylindrical extension 17 passing into and slidably fitting the drain-pipe 3, forming a guide for the valve and maintaining it in vertical position when the valve is withdrawn from its seat. The cylindrical extension 17 is scalloped on each side as at 18, adapting the bowl to readily drain when the valve is drawn to the position shown in dotted outline in Fig. 1. An eye 19 is attached to the vertex of the valve 15 and is engaged by the lower hooked end of a lever 20, pivotally connected to a rod 21 bridging the bowl 1 of the device at one side thereof. The opposite arm of the lever 20 is formed in the nature of a cam 22 having an outer curved face coacting with the inner face of a lever 23 similarly shaped, said lever operating the controlling valve in a spigot 24. This spigot is connected with a suitable source of water supply leading through one side of the bowl 1 and is so arranged in the bowl as to adapt it to most readily wash the parts therein when the spigot is opened. When used as a drainage bowl the cam arm 22 of the lever 20 is provided with an opening through which passes a chain 25 having an enlargement 26 secured at one end thereof and a ring 27 attached to its upper and opposite end, said ring being adapted to be passed over the pivot-bolt 6, as shown in dotted outline in Fig. 1, acting to withdraw the valve 15 from its seat and simultaneously hold the valve of the spigot open.

In some instances it will be desirable to dispense with the spigot 24, especially where a suitable supply of water is not obtainable. This can be done with my construction without interfering with the remaining parts of the device; also various other immaterial

changes may be made without departing from the spirit of my invention, which is limited in scope by the annexed claim only.

Having thus described my invention I
5 claim as new and desire to secure by Letters Patent:

A device of the character described, comprising a bowl having a drain-pipe at the lower end thereof, a pivotally-connected lid
10 for covering the bowl, a valve normally seated over the drain-pipe, a lever connected to

the valve, and a flexible connection attached to the lever adapted to engage with the pivot of the lid for the purpose described.

In testimony whereof I have signed my
15 name to this specification in the presence of two subscribing witnesses.

ADOLPHE RICHARDSON CANDY.

Witnesses:

MAY B. MATHER,
W. H. H. ECKL.