No. 894,678. PATENTED JULY 28, 1908.

M. G. MELVIN.

CUSPIDOR.

APPLICATION FILED JUNE 6, 1906.

Fig. 1.

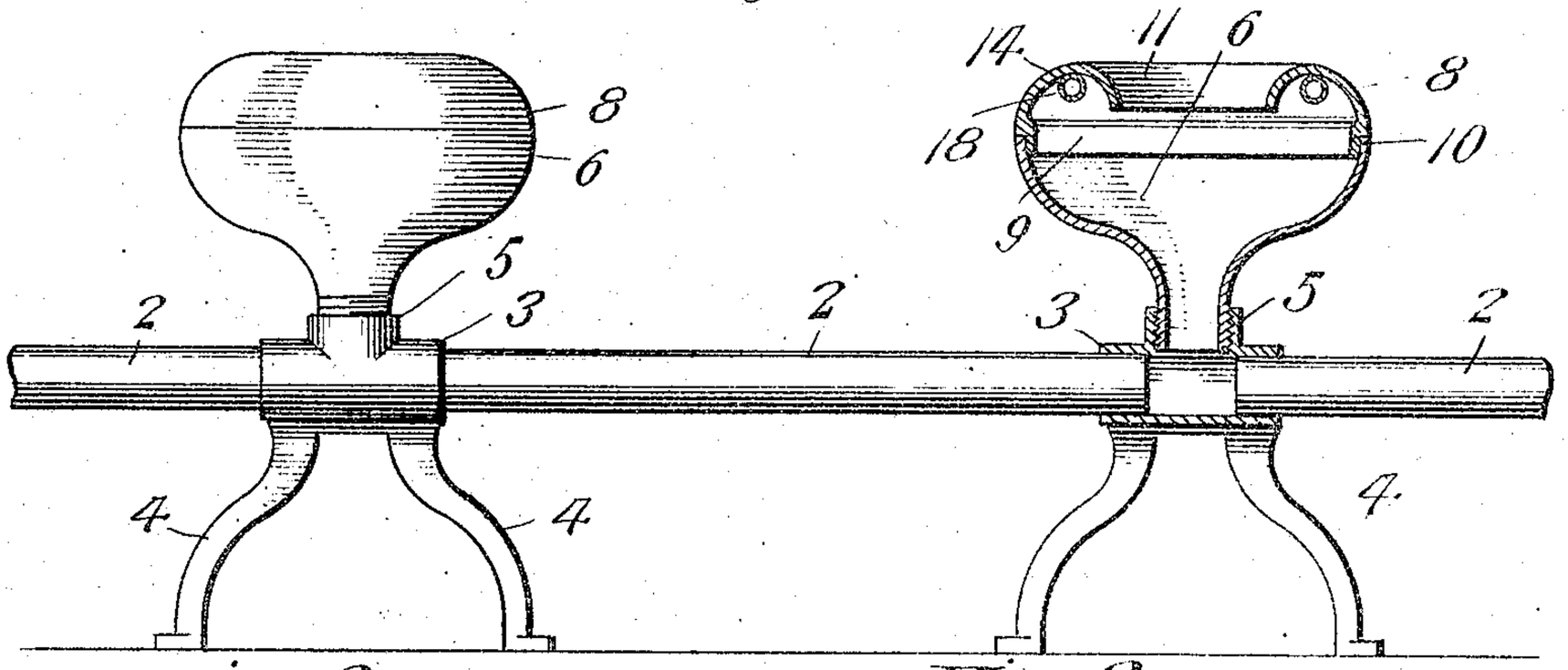


Fig. 2.

Fig. 3.

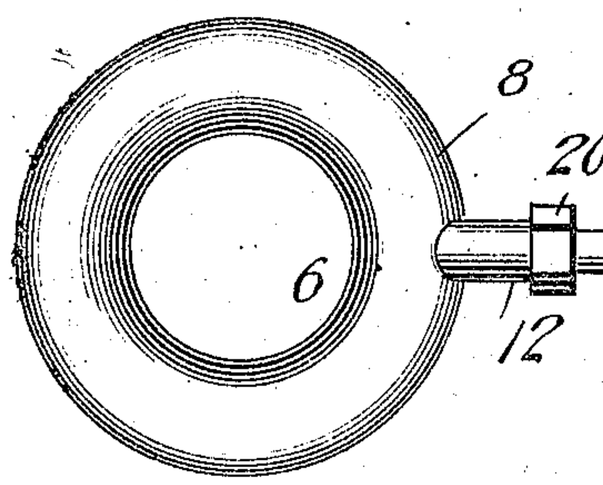
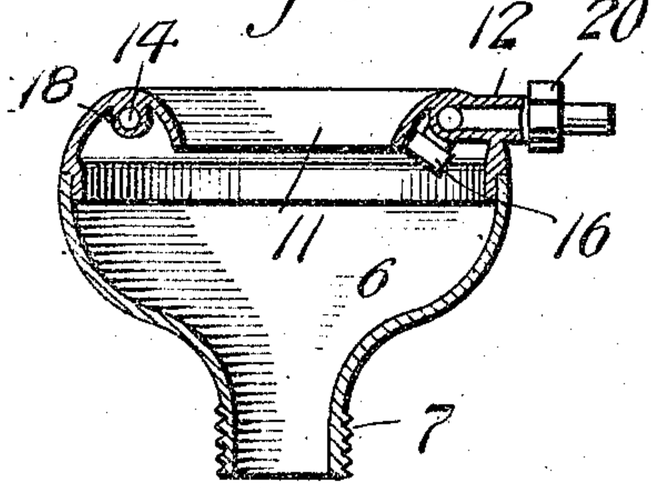


Fig. 5.



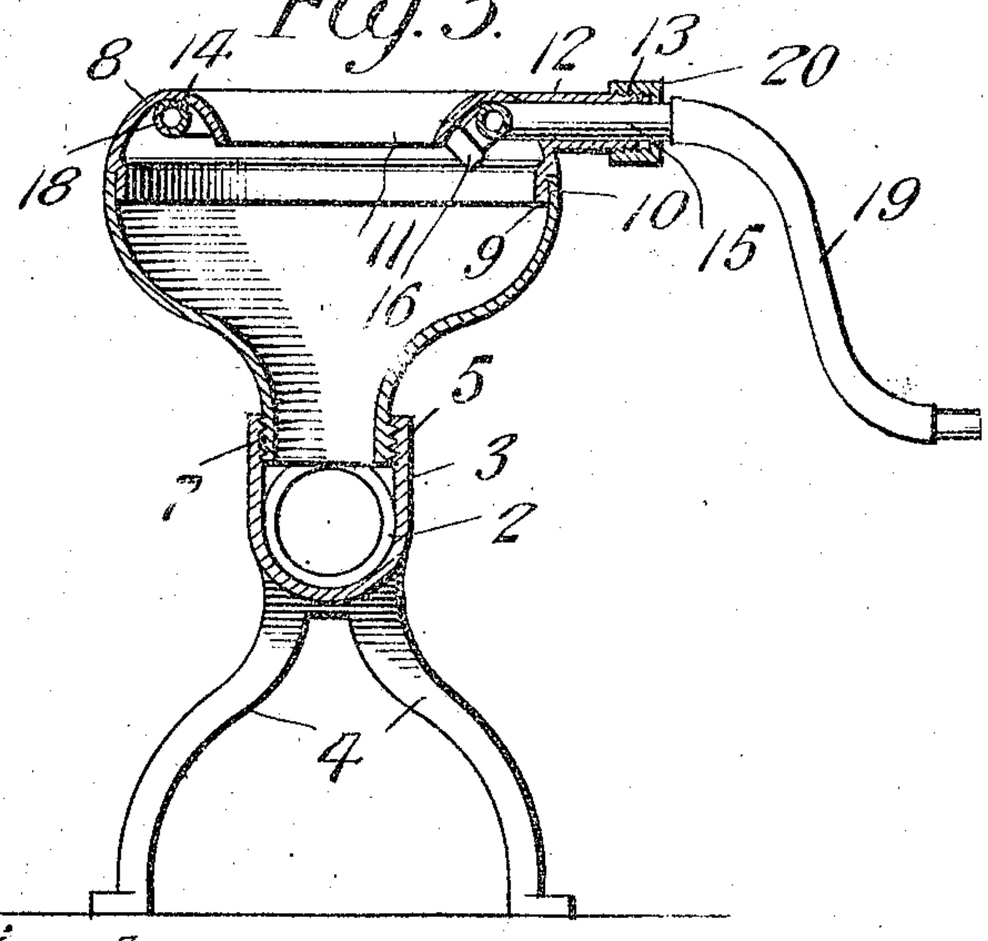
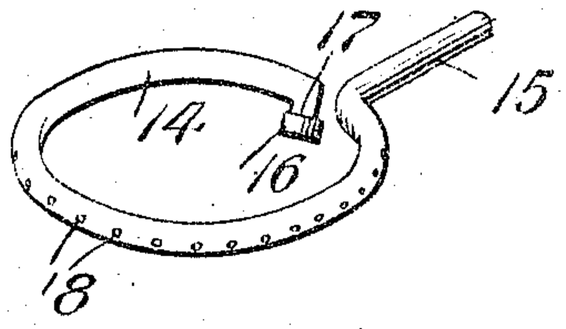


Fig. 4.



Witnesses

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CUSPIDOR.

No. 894,678. Specification of Letters Patent. Patented July 28, 1908.

Application filed June 6, 1906. Serial No. 320,484.

To all whom it may concern:

Be it known that I, MARK G. MELVIN, a citizen of the United States, residing at Scranton, in the county of Lackawanna and State of Pennsylvania, have invented new and useful Improvements in Cuspidors, of which the following is a specification.

My invention relates to that class of cuspidors which are adapted especially for use in restaurants and wherein the waste pipe provides a foot rest.

The primary object of my invention is to provide a novel and highly useful device of the character stated wherein the spray ring carrier is detachably mounted to facilitate the erection of the cuspidors and to facilitate and cheapen their manufacture.

A further object of the invention is to provide a spray ring which may be cleaned readily and quickly to free it of all sediment accumulated therein, thus preventing the clogging up of the apertures in the spray ring.

With the above and other objects in view, the invention consists of the construction, combination and arrangement of parts hereinafter fully described, claimed and illustrated in the accompanying drawings, wherein:

Figure 1 is a view in elevation, illustrating the manner in which my improved cuspidors are adapted to be erected, one of the cuspidors and couplings being in vertical section. Fig. 2 is a top plan view of one of the cuspidors. Fig. 3 is a vertical central section thereof. Fig. 4 is a detail view of the spray ring, and Fig. 5 is a vertical central section of a slightly modified form of the cuspidor.

Referring to the drawings by reference numerals, 2 designates the sections of a waste pipe, said sections being united by couplings 3. The couplings have formed integrally therewith or suitably secured thereto, legs 4, which are to be secured to a floor at a point near the bar to support a waste pipe at an elevation suitable to adapt the same for use as a foot rest. An internally threaded sleeve 5 rises vertically from the coupling 3 and provides means by which the cuspidor may be secured in applied position.

6 designates the bowl of the cuspidor, said bowl being provided with a depending threaded nipple 7 which is to be received by the sleeve 5. A spray ring carrying member 8 is detachably secured to the bowl 6, and has its lower end offset to provide a flange 9 engaging the inner surface of the bowl 6 and a shoulder 10 resting upon the upper edge of the bowl 6. The upper end of the member 8 is bent downward to provide a flange 11 overhanging the bowl 6. A tubular arm 12 projects from the member 8 and has its outer surface threaded, as at 13 for the reception of a packing nut 20.

A spray ring 14 is mounted on the member 8 between the flange 11 and the wall of said member, one end of this ring being extended laterally to provide an extension 15 fitting within and projecting beyond the extension 12, the other end of said ring being bent downwardly, as at 17, Fig. 4 of the drawings, and threaded to receive a threaded cap 16. The under surface of the ring 14 is provided with a plurality of apertures 18. The spray ring 14 is connected to a suitable source of water supply by means of a flexible pipe 19, which has one end connected to the supply and its other end to the extension 15.

In erecting my improved cuspidor, the sections 2 of the waste pipe are united by the couplings 3, after which the legs 4 are secured to a floor at a proper point with relation to a bar. After the waste pipe has been secured in position, the bowls 6 are secured to the couplings 3 by threading the nipples 7 into the sleeves 5, then the spray ring carrying members are mounted upon the bowls and thence the pipes 19 are connected to a suitable source of water supply. The cuspidor being erected in this manner, it should be apparent that when the water supply is turned on, the water will be conducted through the pipe 19 to the spray ring 14 and from the spray ring 14 to the bowl 6, thus flushing the bowl and keeping the same free of all foreign matter, the water passing from the bowl to the waste pipe through the nipple.

The modified form of the device illustrated in Fig. 5 of the drawings resides in forming the spray ring 14 and member 8 in one piece.

From the foregoing description, taken in connection with the accompanying drawings, the construction and mode of operation of the invention will be understood without a further extended description.

Changes in the form, proportions and minor details of construction may be made within the scope of the invention without departing from the spirit or sacrificing any of the advantages thereof.

Having fully described and illustrated my invention, what I claim is:

1. In apparatus of the class described, a

waste pipe, a cuspidor connected thereto and having a detachable cover, a spray ring in the under side of such cover, such cover and such spray ring having coacting means to detachably secure such spray ring to such cover, and a water connection for such spray ring including a flexible tube, adapting such cover together with such spray ring to be lifted from the cuspidor.

2. The combination of a waste pipe, a cuspidor connected thereto and having a detachable cover provided with a tubular arm, a spray ring in the underside of such cover and having an extension disposed in and extending through the tubular arm of the cover, means to secure such extension of the spray ring to such tubular arm of the cover, and a water connection for such spray ring including a flexible tube attached to and discharging into such extension of the spray ring.

In testimony whereof, I affix my signature in presence or two witnesses.

MARK G. MELVIN.

Witnesses:

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