T. L. THATCHER.

CUSPIDOR.

APPLICATION FILED AUG. 31, 1908.

921,483. Patented May 11, 1909

Fig. 1.

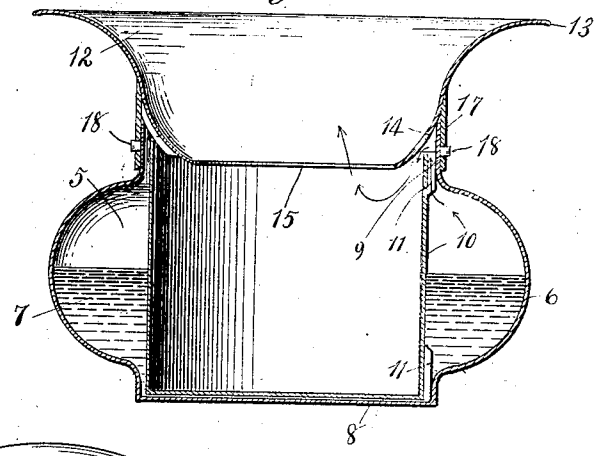


Fig. 2.

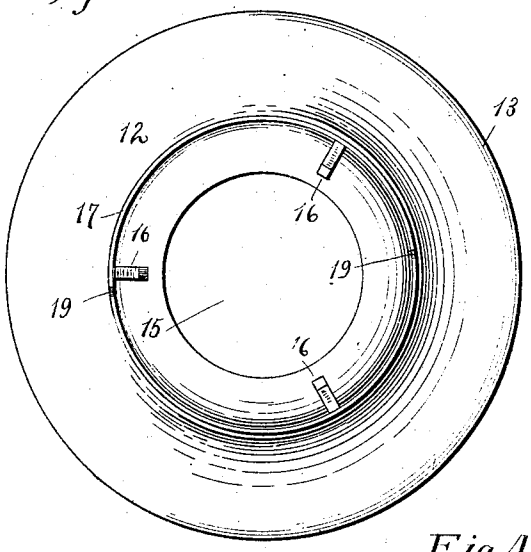


Fig. 3.

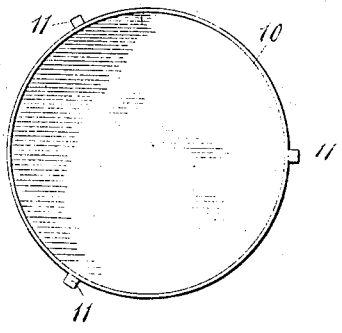
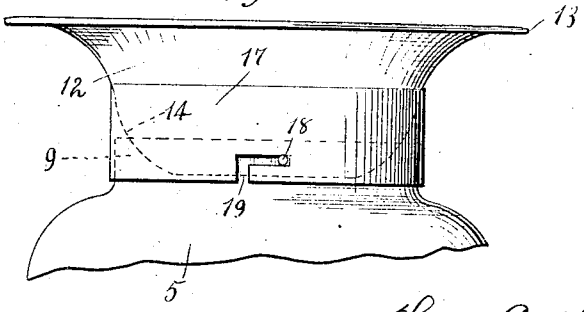


Fig. 4.



Witnesses:

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CUSPIDOR.

No. 921,483. Specification of Letters Patent. Patented May 11, 1909.

Application filed August 31, 1908. Serial No. 450,942.

To all whom it may concern:

Be it known that I, THOMAS L. THATCHER, a citizen of the United States, residing at Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Cuspidors, of which the following is a specification.

My invention relates to receptacles and refers especially to cuspidors.

The chief objects of the improvements which form the subject matter of this application are to provide a receptacle of the character stated that can be more readily kept in a sanitary condition than those in ordinary use by reason of its construction which will permit the receptacle or chamber containing the refuse matter to be readily accessible to the hand in cleaning; to furnish a plurality of connected receptacles each adapted to a particular purpose and to adapt one of these receptacles to contain a disinfectant in liquid form, provision being made by a connecting passage way to conduct the fumes from the disinfecting chamber into the refuse container.

Further objects of my invention are to provide means for detachably connecting certain sections of the structure in such a manner by interlocking devices that the entire article will be held firmly when assembled and may be carried about or even overturned without dismantling the parts, and to furnish spacing elements for the connected members to center them relatively to each other.

I accomplish the desired results by means of the structure illustrated in the accompanying drawing, forming a part of this application, and in which the details of construction are disclosed in the following views:—

Figure 1 is a vertical median section through a cuspidor embodying my improvements; Fig. 2 is a bottom plan view of the uppermost section; Fig. 3 is a top plan view of the refuse receptacle, and Fig. 4 is a fragmentary view showing manner of interlocking the outer section.

Referring to the details of the drawing the numeral 5 indicates a basic shell or receptacle, circular in horizontal section, and having its side walls convexly expanded, as shown at 6, to increase the capacity of the cavity, but leaving the upper and lower ends of like diameter. This receptacle is intended for the reception of a disinfecting liquid 7, and is therefore furnished with an integral bottom plate 8. The upper portion of the outer shell has a vertical wall 9 forming a neck. Within the said shell 5 is loosely fitted a cup or container 10, furnished with spacing lugs or fenders 11 placed at an angular distance apart of 120 degrees upon the outside of said container, in proximity to the upper and lower margins. These lugs engage the cylindrical portions of the said receptacle 5. Above the said cup, or container 10, and resting upon the upper margin thereof is a basin-shaped deflecting member or receiver 12, having a widely flaring margin 13, of a form similar to that commonly met with in utensils of this character. The lower portion 14 is contracted and furnished with a central aperture 15 which is directly over the cup 10. Upon the under surface of the contracted portion of the said member 12 are placed ribs or lugs 16, which are adapted to engage the margin of the cup 10, in the manner shown in Fig. 1. There are a number of these ribs arranged at spaced intervals, and they serve to support the basin or deflector 12 upon the cup margin leaving an interval between the members 10 and 12 to permit the fumes from the disinfectant to find a ready passage to the interior of said cup 10, as shown by the arrows in Fig. 1. Surrounding the part 14 of said deflector is a cylindrical dependent collar 17, having its upper margin secured in any convenient or desirable manner to the outside of said deflector or basin. The lower edge of the collar extends slightly below the bottom margin of the deflector and is adapted to telescope over the neck 9, making a fairly tight joint where they overlap. This collar and neck are connected by a bayonet joint consisting of lugs 18 located diametrically opposite each other on the neck 9 and adapted to engage angular slots 19 in the said collar. By this arrangement the members 5 and 12 are held firmly together and may be readily separated when it is desired to clean the utensil or replenish the disinfectant. As the can 10 is spaced by the fenders or lugs 11 and engaged by the ribs 16, at its upper margin it will be held securely in position and kept from shaking or rattling when the article is moved.

I prefer to employ sheet metal in the construction of my improved cuspidor, and to form the sections so far as may be by stamping or spinning, in order that the surfaces may

be free as possible from seams and joints which would interfere with the proper cleansing of the receptacles.

Having thus described my invention, what I claim as new, is:—

1. In a receptacle of the character stated, the combination of a shell, a container in the shell, spacing lugs attached to the container, a deflecting member superposed upon said shell and container, a series of ribs attached to the deflecting member and engaging said container, and means for interlocking said deflecting member with the shell.

2. In a receptacle of the character stated, the combination of a shell having a contracted neck, a container in the shell, spacing lugs on the container, a deflecting member superposed upon said shell and extending below its upper margin, and having a central aperture communicating with said container, a series of ribs on the deflecting member engaging the upper margin of the container, a collar depending from the deflecting member and telescoping with the neck of the shell, and a bayonet joint interlocking the shell and said collar.

In testimony whereof I affix my signature in the presence of two witnesses.

THOMAS L. THATCHER.

Witnesses:

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OLE T. LARSON.