

W. L. HILTY & W. HOPES.
 CUSPIDOR.
 APPLICATION FILED NOV. 6, 1911.

1,018,907.

Patented Feb. 27, 1912.

FIG. 1

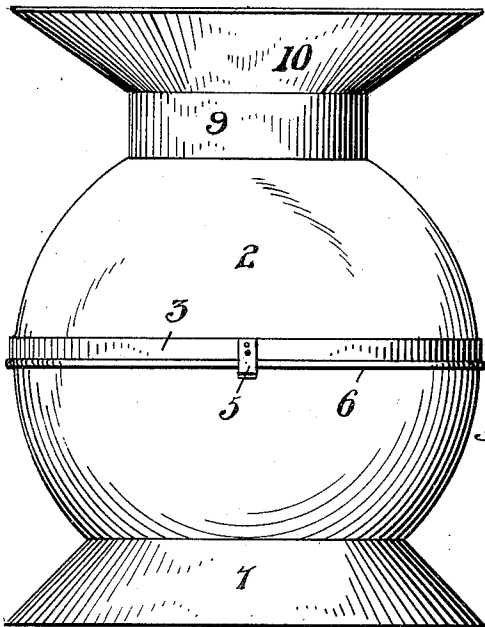


FIG. 2

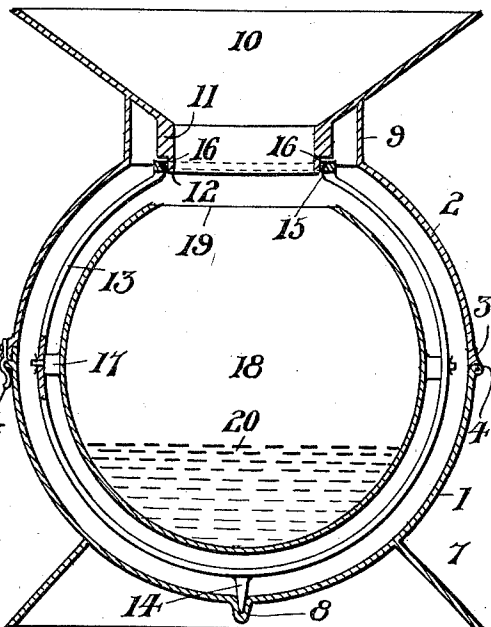


FIG. 5

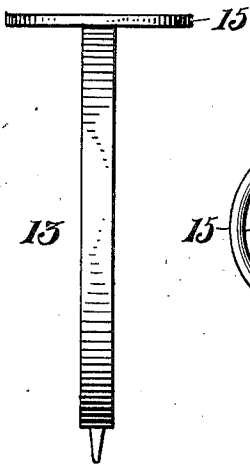


FIG. 4

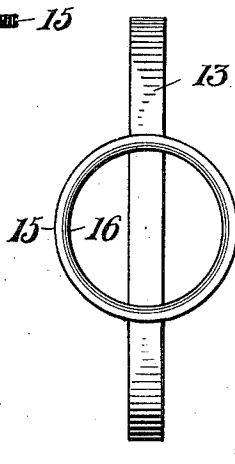
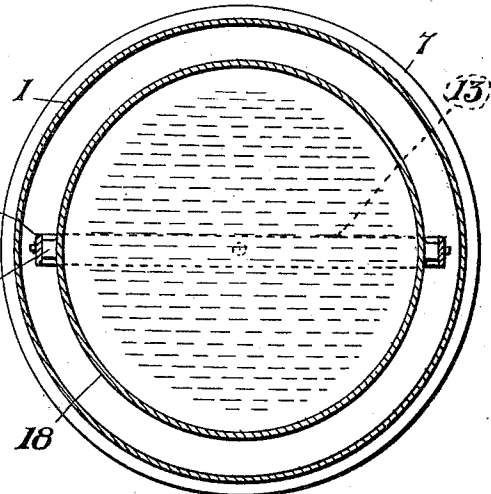


FIG. 3



WITNESSES

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WILLIAM L. HILTY AND WILLIAM HOPES, OF MONONGAHELA, PENNSYLVANIA.

CUSPIDOR.

1,018,907.

Specification of Letters Patent.

Patented Feb. 27, 1912.

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To all whom it may concern:

Be it known that we, WILLIAM L. HILTY and WILLIAM HOPES, citizens of the United States of America, residing at Monongahela city, in the county of Washington and State of Pennsylvania, have invented certain new and useful Improvements in Cuspidors, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to cuspidors, and the primary object of our invention is the provision of positive and reliable means, in a manner as will be hereinafter set forth, for preventing the contents of a cuspidor from being spilled when the cuspidor is accidentally tilted or upset, thereby preventing a floor or carpet from being ruined or marred by the contents of a cuspidor.

Another object of our invention is to provide a cuspidor that can be easily cleaned and maintained in a sanitary condition.

A further object of our invention is to provide a cuspidor that can be advantageously used in hotels, theaters and public places where pedestrians are liable to contact with a cuspidor and upset the same.

With the above and other objects in view, the invention resides in the novel construction, combination and arrangement of parts to be hereinafter specifically described and then claimed.

Reference will now be had to the drawing, wherein:—

Figure 1 is a front elevation of the cuspidor. Fig. 2 is a vertical sectional view of the same. Fig. 3 is a horizontal sectional view of the same, and Figs. 4 and 5 are detail views of a supporting ring adapted to form part of the cuspidor.

A cuspidor in accordance with this invention consists of a two-part shell or receptacle having a frusto-conical shaped base and funnel-shaped mouthpiece, a supporting ring movably mounted within the outer shell or receptacle, and an inner receptacle trunnioned within said ring and adapted to receive matter deposited in the funnel-shaped mouthpiece of the outer shell or receptacle.

The outer shell or receptacle of the cuspidor comprises two semi-spherical hollow sections 1 and 2, the section 2 having the lower edges thereof off-set or provided with an annular flange 3 adapted to engage over

the upper edges of the section 1. The annular flange 3 is hinged, as at 4 to the upper edge of the section 1, and the section 2, at a point diametrically opposite the hinge 4, is provided with a hasp or clasp 5 adapted to engage over the annular bead 6 of the section 1, said bead being arranged adjacent to the upper edges of the section 1 to limit the closing movement of the section 2 upon the section 1. The section 1 of the outer shell or receptacle is provided with a frusto-conical shaped hollow base 7, and the bottom of said section has a central depressed portion providing a socket 8, the purpose of which will presently appear. The top of the section 2 has a collar 9 and formed integral with said collar is a funnel-shaped mouthpiece 10 that extends into the collar. The inner end of the mouthpiece 10 terminates in a neck 11 that is reduced to provide an annular shoulder 12.

Arranged within the sections 1 and 2 of the outer shell or receptacle is a supporting ring 13 having the bottom thereof provided with a pivot 14 which extends into the socket 8 formed in the section 1. The ring 13 at its top is formed integral with a band 15 having its inner face beveled as at 16. The band encircles the annular shoulder 12 of the neck 11 whereby the ring is maintained in a supporting position for the inner shell. The beveled inner face of the band prevents it from binding against the shoulder and allows the band to freely move around the shoulder when it is swinging on its pivot.

Trunnioned within the supporting ring 13 by diametrically opposed bearings 17 is a spherical hollow inner receptacle 18 having the top thereof provided with an opening 19. The spittle or other matter 20 within the receptacle retains said receptacle normally in a vertical position, and even though the receptacle does not contain spittle, the bottom of said receptacle is of greater weight than the top thereof, on account of the opening 19, consequently the receptacle will be retained in a vertical position by gravity. The opening 19 of the receptacle normally registers with the neck 11 of the funnel-shaped mouthpiece 10 and spittle or other matter can be easily deposited in the receptacle 18. When the cuspidor is tilted or upset in one direction, the receptacle 18 moves by gravity and prevents the contents thereof from being spilled or upset.

The cuspidor in its entirety can be made

of light and durable metal finished to present a neat and attractive appearance, and of various sizes.

What we claim is:—

5 1. A cuspidor comprising a sectional outer shell, a base carried by one of the sections of said shell, a funnel-shaped mouthpiece carried by the other section of said shell, a neck carried by the inner end
10 of said funnel-shaped mouthpiece and having the inner end thereof reduced to provide an annular shoulder, a supporting ring provided with a pivot at the bottom thereof extending into the bottom section of said
15 shell, a band carried by the upper end of said ring and normally engaging the annular shoulder of said neck, and a receptacle trunnioned in said supporting ring and having the opening thereof normally registering with the opening of said neck.
20

2. A cuspidor comprising semispherical hollow sections hinged together, a base carried by one of said sections, a funnel-shaped mouthpiece carried by the other of said sections, a neck carried by the inner end of said
25 funnel-shaped mouthpiece, a supporting ring pivotally mounted in the base section of said cuspidor, a beveled band carried by the upper end thereof and normally engag-

ing said neck, and a hollow spherical receptacle trunnioned in said supporting ring and having the openings thereof normally registering with said neck. 30

3. A cuspidor comprising semi-spherical hollow sections hinged together, a clasp for
35 maintaining said sections in a closed position, a base carried by one of said sections, a funnel-shaped mouthpiece carried by the other of said sections, a neck carried by the other end of said funnel-shaped mouth-
40 piece, a supporting ring arranged within said sections, a pivot carried by said ring and extending into the base section of said cuspidor, a beveled band carried by the top of said ring normally engaging the neck of
45 said funnel-shaped mouthpiece, and a hollow spherical receptacle trunnioned within said ring and having the opening thereof normally registering with the opening of
50 said neck.

In testimony whereof we affix our signatures in the presence of two witnesses.

WILLIAM L. HILTY.
WILLIAM HOPES.

Witnesses:

MAX H. SROLOVITZ,
CHRISTINA T. HOOD.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."