

APPLICATION FILED FEB. 9, 1911.

Patented May 2, 1911.

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ADOLF BAJLUK, OF McKEESPORT, PENNSYLVANIA.

CUSPIDOR.

991,263.

Specification of Letters Patent.

Patented May 2, 1911.

Application filed February 9, 1911. Serial No. 607,522.

To all whom it may concern:

Be it known that I, ADOLF BAJLUK, a subject of the King of Hungary, residing at McKeesport, in the county of Allegheny 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 objects of my invention are to provide a cuspidor with a novel valve that will be actuated to close the cuspidor when the cuspidor is accidentally tilted or upset, and to provide a cuspidor that can be advantageously used in public places and maintained in a sanitary condition.

I attain the above objects by a simple, durable and inexpensive mechanical construction that will be hereinafter specifically described and then claimed, and reference will now be had to the drawing, wherein like numerals of reference designate corresponding parts throughout the several views, in which:—

Figure 1 is a vertical sectional view of the cuspidor, Fig. 2 is a horizontal sectional view of the same, Fig. 3 is an elevation of a portion of the cuspidor, and Fig. 4 is a perspective view of a detached valve.

A cuspidor in accordance with this invention comprises a semi-spherical longitudinal section 1 having a base 2 and the upper walls thereof exteriorly screw threaded, as at 3. The inner walls of the section 1, adjacent to the upper edges thereof, are provided with an annular trough 4, said trough being U-shaped in cross section and having diametrically opposed sides thereof cut away to provide openings 5.

Screwed upon the upper edges of the section 1 is the annular interiorly threaded flange 6 of a top section 7, said top section having a depending funnel-shaped mouth-piece 8 extending downwardly in said section in proximity to a point in the plane of the lower edges of the flange 6. The inner walls of the section 7, adjacent to the lower edges thereof, are provided with an inwardly projecting inverted annular trough 9, said trough confronting the trough 4 and having the lower inner edge thereof resting upon the upper inner edge of the trough 4, thereby providing an annular compartment 10 within the cuspidor. The inner edges of the trough 9 are cut away to provide open-

ings 11 communicating with the openings 5 of the trough 4, and extending through the communicating openings 5 and 11 are the oppositely disposed arms 12 of a frusto-conical shaped flange 13. The flange 13 is normally maintained in an open position by knobs 14 upon the outer ends of the arms 12 engaging depending pins 15, carried within the trough 9. The confronting ends of the knobs 14 and the pins 15 are rounded, whereby the knobs 14 can easily ride out of engagement with the pins 15. The knobs 14 are normally held in engagement with the pins 15 by coiled springs 16 having the lower ends thereof connected to the arms 12 and the upper ends thereof to apertured brackets 17, carried by the annular trough 9.

Within the annular compartment 10 there are movably arranged two actuating members of spherical bodies 18 adapted to shift within the compartment 10, when the cuspidor is tilted or upset, and strike the ends of the arms 12, knock the knobs 14 out of engagement with the pins 15 and allow the springs 16 to elevate the valve 13 sufficiently to close the lower end of the funnel-shaped mouth-piece 8 and thereby prevent the contents of the cuspidor from being spilled.

To restore the valve 13 to an open position, a suitable instrument can have the end thereof placed in a socket 19 provided therefor in the upper end of the valve 13 and by pressing downwardly upon the valve, it can be manipulated until the knobs 14 engage under the pins 15.

The openings 5 and 11 prevent accidental displacement of the arms 12, normally maintaining the knobbed ends of said arms contiguous to the pins 15, whereby a slight manipulation of the valve 13 will place the knobs 14 in engagement with the pins 15.

By removing the top section 7 of the cuspidor, it can be thoroughly cleaned and maintained in a sanitary condition.

What I claim is:—

1. A cuspidor comprising a receptacle base section, a top section detachably connected to said base section, a depending funnel-shaped mouth-piece carried by said top section, troughs carried by said sections and providing an annular compartment, pins arranged in the annular compartment of said cuspidor, spring supported arms normally held in engagement with said pins, a valve carried by said arms and adapted to close the lower end of said funnel-shaped

mouth-piece, and actuated members arranged in the annular compartment and adapted to move said arms out of engagement with said pins.

- 5 2. A cuspidor comprising sections detachably connected together, a depending funnel-shaped mouth-piece carried by one of said sections, annular troughs carried by said sections and providing an annular compartment, spring supported arms extending into
10 said annular compartment, a valve carried by said arms and adapted to close the lower end of said funnel-shaped mouth-piece, means within said annular compartment and
15 adapted to normally hold said valve in an open position, and movable actuating members within said annular compartment and adapted to release the first mentioned means.
- 20 3. In a cuspidor, the combination with a semi-spherical receptacle base section, an annular trough carried by the inner walls of said section, a top section detachably mounted upon said base section, an annular trough
25 carried by the inner walls of said top section and confronting the trough of said base section to provide an annular compartment within said cuspidor, the confronting edges

of said troughs at diametrically opposed points being cut away to provide openings, arms extending into said openings and having the inner ends thereof provided with knobs, depending pins carried by said top section within said compartment and adapted to be engaged by the knobbed ends of said arms, a depending funnel-shaped mouth-piece carried by said top section, a conical shaped valve carried by said arms and adapted to close the lower end of said mouth-piece, means arranged within said cuspidor and exteriorly of the annular compartment and adapted to move said arms and the valve thereof to close the lower end of said mouth-piece, and means arranged within said annular compartment and adapted to move said arms out of engagement with said pins, substantially as described.

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

ADOLF BAJLUK.

Witnesses:

GEORGE BORLAN,
MAX H. SROLOVITZ.

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