

J. KEREKES.
CUSPIDOR.
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990,747.

Patented Apr. 25, 1911.

Fig. 1.

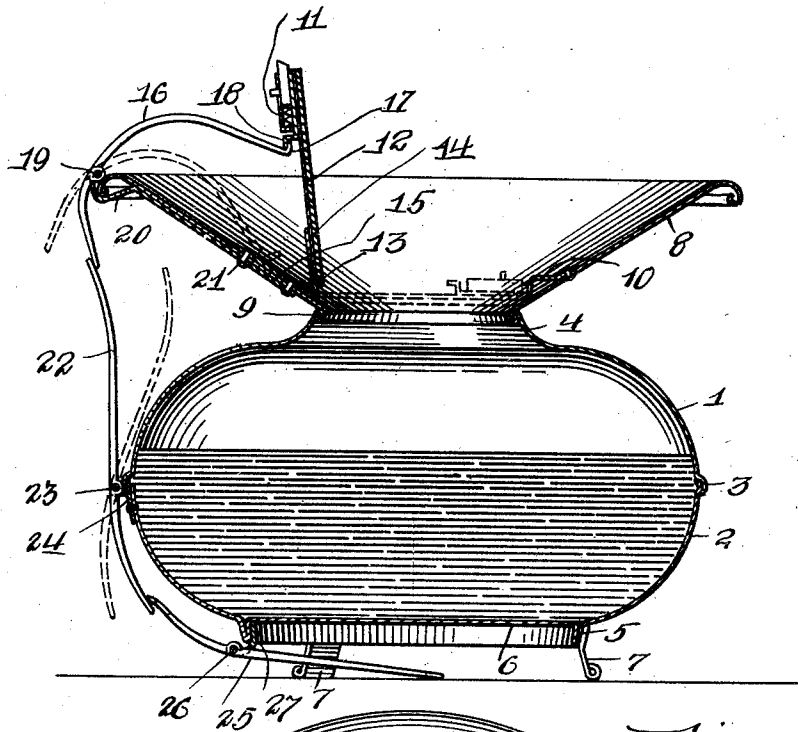
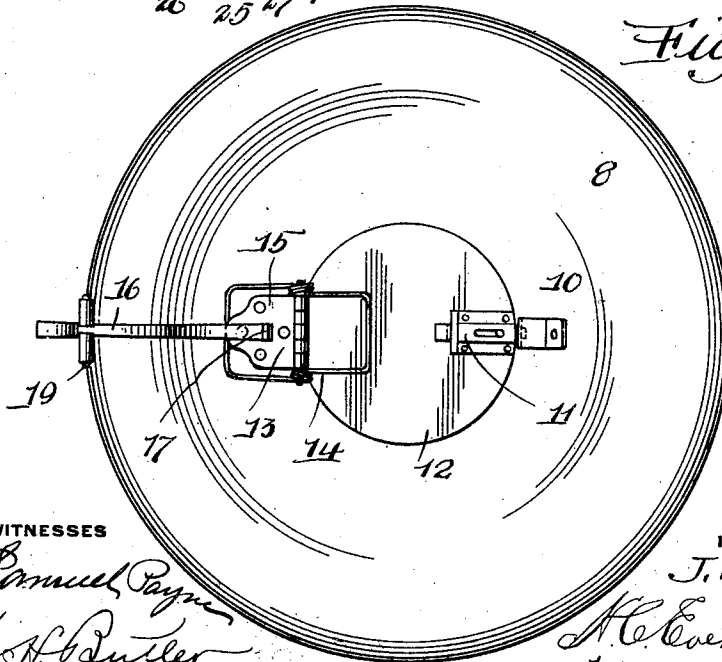


Fig. 2.



WITNESSES

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CUSPIDOR.

990,747.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOSEPH KEREKES, a citizen of the United States of America, residing at Canton, in the county of Stark and State of Ohio, 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 has for its object to provide a device of such class with means in a manner as hereinafter set forth for automatically closing the mouth of the cuspidor when the same is tilted or upset thereby preventing the contents of the cuspidor from spilling.

A further object of the invention is to provide the mouth of a cuspidor with a spring-controlled valve for closing it and further provide the cuspidor with means whereby the valve is automatically shifted to close the mouth of the cuspidor and located in such position when the cuspidor is tilted or upset thereby preventing the contents of the cuspidor from spilling.

Further objects of the invention are to provide a cuspidor which is comparatively simple in its construction and arrangement, strong, durable, efficient in its use, readily set up and comparatively inexpensive to manufacture.

With the foregoing and other objects in view, the invention consists of the novel construction, combination and arrangement of parts as hereinafter more specifically described and illustrated in the accompanying drawings wherein is shown the preferred embodiment of the invention, but it is to be understood that changes, variations and modifications can be resorted to which come within the scope of the claims hereunto appended.

In the drawings, wherein like reference characters denote corresponding parts throughout the several views: Figure 1 is a vertical sectional view of a cuspidor in accordance with this invention and further showing in dotted lines the valve at the mouth piece closed and locked, and, Fig. 2 is a top plan view of a cuspidor in accordance with this invention with the mouth-piece closed.

Referring to the drawings in detail, the cuspidor includes a body-portion formed of an upper section 1 and a lower section 2, the latter at its top being secured as at 3 to the

bottom of the section 1. The upper section 1 of the body-portion is formed with a contracted neck 4 and the bottom of the section 2 is provided with a depending flange 5 to which is secured a flanged bottom 6. Secured to and depending from the flange 5 is a series of supporting lugs, preferably three in number, only two being shown.

The reference character 8 denotes a funnel-shaped mouth-piece which has its lower end bent to interengage with the top of a neck 4 as at 9. Secured to and arranged within the mouth piece 8 is a keeper 10 which is adapted to be engaged by a spring latch 11 secured to the upper face of a valve 12, the latter being hinged as at 13 to the inner face of the mouth piece 8 and the function of the valve 12 is to close the mouth piece 8 to prevent the contents of the cuspidor from spilling. The valve 12 is opened against the action of a spring 14 which has its ends connected as at 15 to one of the leaves of the hinge connection 13 and has the major portion of its body bearing against the outer face of the valve 12. When the valve is released (in a manner as hereinafter set forth) the action of the spring 14 will force the valve to closing position and the latch 11 will engage in the keeper 10 whereby the valve 12 will be locked in closed position so as to prevent the contents of the cuspidor from spilling and the valve will be maintained in such position until the latch 11 is released. When the valve is opened, it is maintained in substantial vertical position through the medium of a trip arm 16 having a nose 17 which engages with an angle-shaped lug 18 projecting from the inner end of the casing of the latch 11. The trip arm 16 is pivotally-connected as at 19 to a hanger 20 which projects from the top of the mouth piece 8 and is fixedly secured by the hold-fast devices 21 to the outer face of the mouth piece 8. When the nose 17 of the holding arm 16 is in engagement with the lug 18, the spring 14 has a tendency to shift the valve toward the mouth piece for closing it, but to arrest this action of the spring 14 so as to maintain the valve 12 opened, a stop arm 22 is provided and which has its upper end engaging the lower end of the holding arm 16 thereby arresting movement of the arm 16 and causing the valve to remain in the position as shown in Fig. 1. The stop arm 22 is pivotally-connected as at 23 to a bracket 24 secured to the body-portion of

the cuspidor. The stop arm 22 is maintained in engagement with the lower end of the holding arm 16 through the medium of a trigger 25 which has its upper end engaging the lower end of the stop arm 22. The trigger 25 is pivotally-connected as at 26 to a bracket 27 which is connected to the bottom of the cuspidor. The lower end of the trigger 25 is adapted to engage the support upon which the cuspidor is mounted and when in such position movement of the stop arm 22 as well as the holding arm 26 is arrested, due to the fact that the lower end of the trigger 25 is arrested after movement by the support upon which the cuspidor is mounted. Now, if the cuspidor is tilted, the pulling action of the spring 14 will come into play and as there is no abutment present for the lower end of the trigger 25, the spring 14 can swing the valve 12 to closing position, due to the fact that the lower end of the holding-arm 16 can pass clear of the upper end of the stop arm 22, the holding arm 16 assuming the position shown in dotted lines in Fig. 1, and the stop arm 22 assuming the position also shown in dotted lines in Fig. 1.

What I claim is:

1. A cuspidor including a body-portion provided with a mouth piece, a spring-controlled valve hinged within the mouth piece for closing it, a keeper secured to the mouth piece, means carried by the valve and engaging said keeper for locking the valve in closed position, and releasable means pivotally-connected with and arranged exteriorly of the cuspidor and engaging with the valve for maintaining it in an open position, said releasable means operable when the cuspidor is tilted to permit of the valve automatically moving to closure position.

2. A cuspidor including a body-portion provided with a mouth piece, a spring controlled valve hinged within the mouth piece for closing it, a keeper secured to the mouth piece, means carried by the valve and engaging said keeper for locking the valve in closed position, a releasable holding arm pivotally-mounted upon the mouth-piece and engaging with the valve for maintaining it in an open position, and releasable means pivotally-connected with the cuspidor and engaging with the holding arm to arrest movement thereof when the cuspidor is in an upright position whereby the valve is maintained open, said releasable means operable when the cuspidor is tilted to permit of the shifting of said holding arm thereby releasing the valve and enabling it to move to closure position.

3. A cuspidor comprising a body-portion and a mouth piece, a spring-controlled valve hinged within said mouth piece, a keeper carried by the mouth piece, a spring-controlled latching means carried by the valve and adapted to engage said keeper for maintaining the valve closed, and releasable means pivotally connected to and arranged exteriorly of the cuspidor and engaging with said latching means for maintaining the valve open when the cuspidor is in an upright position, said releasable means operated when the cuspidor is tilted, thereby permitting of the valve to move to closure position, and latching means to engage with the said keeper to lock the valve.

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

JOSEPH KERKES.

Witnesses:

S. H. MANEVAL,
D. F. BANKER.