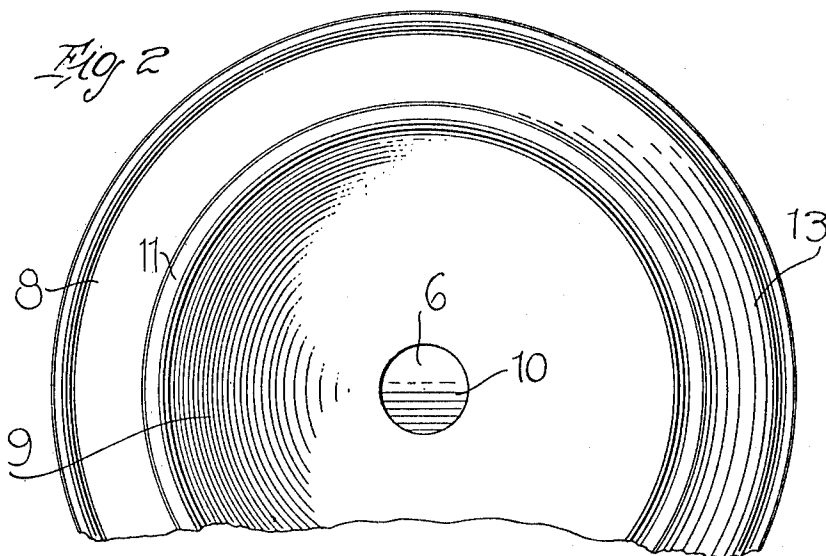
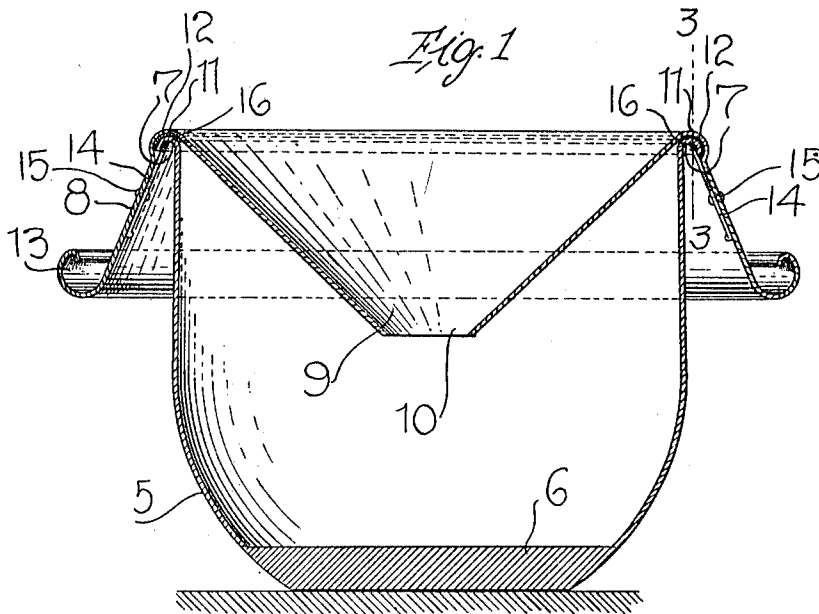


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CUSPIDOR.  
APPLICATION FILED DEC. 15, 1913.

1,106,048.

Patented Aug. 4, 1914.  
2 SHEETS—SHEET 1.



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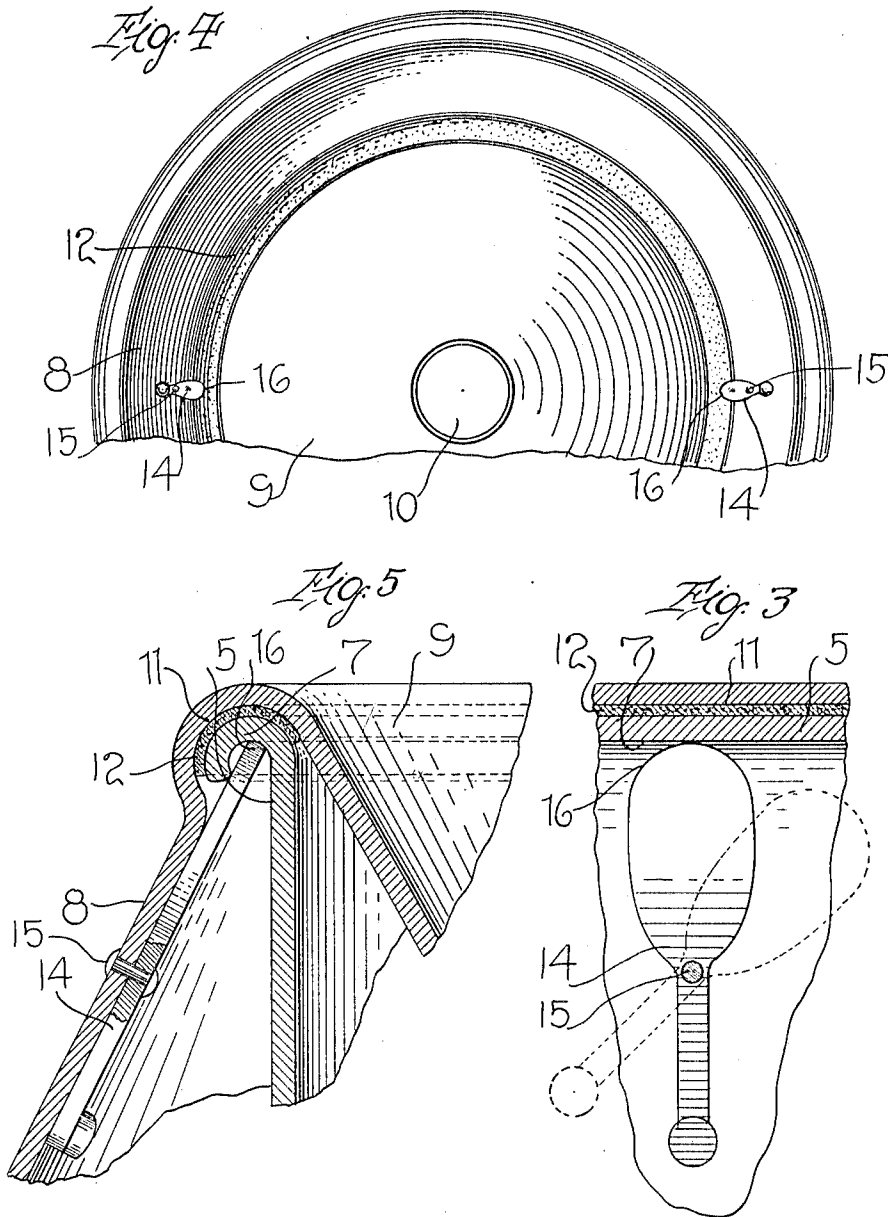
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# UNITED STATES PATENT OFFICE.

FORREST D. LANE, OF BISBEE, ARIZONA.

## CUSPIDOR.

1,106,048.

Specification of Letters Patent.

Patented Aug. 4, 1914.

Application filed December 15, 1913. Serial No. 806,854.

*To all whom it may concern:*

Be it known that I, FORREST D. LANE, citizen of the United States, residing at Bisbee, in the county of Cochise and State of Arizona, have invented certain new and useful Improvements in Cuspidors, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to improvements in cuspidors and has for its primary object to provide a device of this character whereby all liability of the contents of the cuspidor being spilled or ejected therefrom when the cuspidor is upset or overturned, is obviated.

My invention has for another and more important object the provision of a cuspidor comprising a body, an annular rim provided with a central inverted frusto conical portion adapted to extend downwardly into the body of the cuspidor and means for locking the rim upon the cuspidor body.

My invention has for still another object to provide means carried by the annular rim portion of the cuspidor for securely locking the same upon the upper edge of the cuspidor body, and a packing strip of rubber or felt secured to the under side of the rim to provide a fluid tight barrier between the edge of the cuspidor and the rim.

My invention has for still another of its objects to provide a device of the above character which is extremely simple in construction, strong and durable in practical use and highly efficient for the purpose in view.

With the above and other objects in view as will become apparent as the description proceeds, the invention consists in certain constructions, combinations and arrangements of the parts that I shall hereinafter fully describe and claim.

For a full understanding of the invention, reference is to be had to the following description and accompanying drawing, in which—

Figure 1 is a vertical section through a cuspidor illustrating the present preferred embodiment of the invention; Fig. 2 is a top plan view thereof; Fig. 3 is a section taken on the line 3—3 of Fig. 1 showing the locking device on an enlarged scale; Fig. 4 is a detail fragmentary inverted plan view of the detachable rim member. Fig. 5 is an enlarged fragmentary vertical section.

Referring in detail to the drawing, 5 designates the body of the cuspidor which may be of any desired shape and is provided with a

weighted base indicated at 6. Extending forwardly from the base, the body of the cuspidor gradually increases in diameter and the upper edge thereof is rounded or convex as indicated at 7. It will be understood that the body 5 can be made of sheet metal or any other desired material.

In connection with the cuspidor body 5, I employ a removable section which embodies a rim 8 and an inverted frusto conical central portion 9 which is adapted to extend downwardly into the body of the cuspidor, the inlet opening 10 for the saliva being centrally located with respect thereto. At the juncture of the upper outer edge of the wall of the frusto conical portion 9 of the detachable section with the outwardly inclined rim 8, an annular groove or seat 11 is formed, which is adapted to receive the upper curved edge of the cuspidor body. To the surface of this seat, a strip of felt, rubber or other yieldable material 12 is adhesively or otherwise secured. The lower outer edge of the inclined rim 8 is upwardly and inwardly curved to produce an annular tubular head 13 thereon, thereby imparting to the device a more ornamental or finished appearance.

In order to securely retain the detachable section upon the body section of the cuspidor, and tightly engage the annular packing ring 12 upon the upper edge thereof, I provide one or more locking or clamping levers 14. These levers are pivotally mounted as at 15 upon the under side of the outwardly inclined annular wall 8 of the detachable cuspidor section. The upper portions of these levers are preferably broad and flat as clearly shown in Fig. 3, and have rounded terminal ends 16 which are adapted for binding engagement with the convex edge portion 7 of the cuspidor body when the levers are arranged, as shown in full lines in said figure. By this binding action it will be apparent that the annular felt strip upon the detachable section of the cuspidor is drawn down tightly and compressed upon the upper edge of the cuspidor body. Thus it will be apparent that if the cuspidor is accidentally overturned the escape of the liquid from the body portion between the same and the detachable section of the cuspidor is absolutely prevented. In order to remove the rim section of the cuspidor to facilitate cleaning of the body 5, it is only necessary to shift the clamping levers 14 to the dotted line po-

sition shown in Fig. 3 when said section may be removed from the upper edge of the cuspidor body.

From the foregoing, it is thought that  
 5 the construction and several advantages of my improved cuspidor will be readily understood. By forming the cuspidor body with the weighted base 6 it will be apparent that there is a normal tendency of the device to  
 10 maintain an upright position. The outwardly inclined rim 8 of the detachable section having the bead 13 formed upon its edge, effectually prevents the cuspidor from turning completely over. Therefore it will  
 15 be apparent that even though the cuspidor may be turned upon its side, the rim 8 will limit such movement and the weight of the contents together with the weighted base 6 will promptly return the cuspidor to its up-  
 20 right position as soon as pressure upon the same has been released. As above described, this overturning of the cuspidor will not result in the escape of the fluid contents thereof, thereby obviating all liability of in-  
 25 jury to the carpet or other floor covering. It will be obvious that a device constructed as above described may be manufactured economically, is highly durable and service-  
 30 ous cleansing of all parts of the cuspidor when necessary and may be produced in various ornamental forms.

It will further be understood that while I

have above described the preferred construction of the invention, the same is susceptible of considerable modification in the form, proportion and arrangement thereof and I therefore reserve the right to resort to all such legitimate changes as may be fairly embodied within the spirit and scope  
 35 40 of the invention, as claimed.

Having thus described the invention, what is claimed is:

A cuspidor comprising a body having a convex upper edge, a detachable section including an outwardly inclined rim and a central frusto conical portion adapted to extend into the cuspidor body, said detachable section being provided with an annular groove at the juncture of the rim and frusto  
 45 50 conical portion to seat upon the upper edge of the cuspidor body, an annular packing strip secured in said groove, and levers pivotally mounted upon the under side of said inclined portion of the detachable section  
 55 and adapted for binding engagement at one of their ends with the cuspidor body to compress the packing strip upon the upper convex edge thereof and detachably secure said section in position upon the cuspidor body.  
 60

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

FORREST D. LANE.

Witnesses:

JOHN OSCAR BLOOMQUIST,  
 WILLARD M. BROWN.