

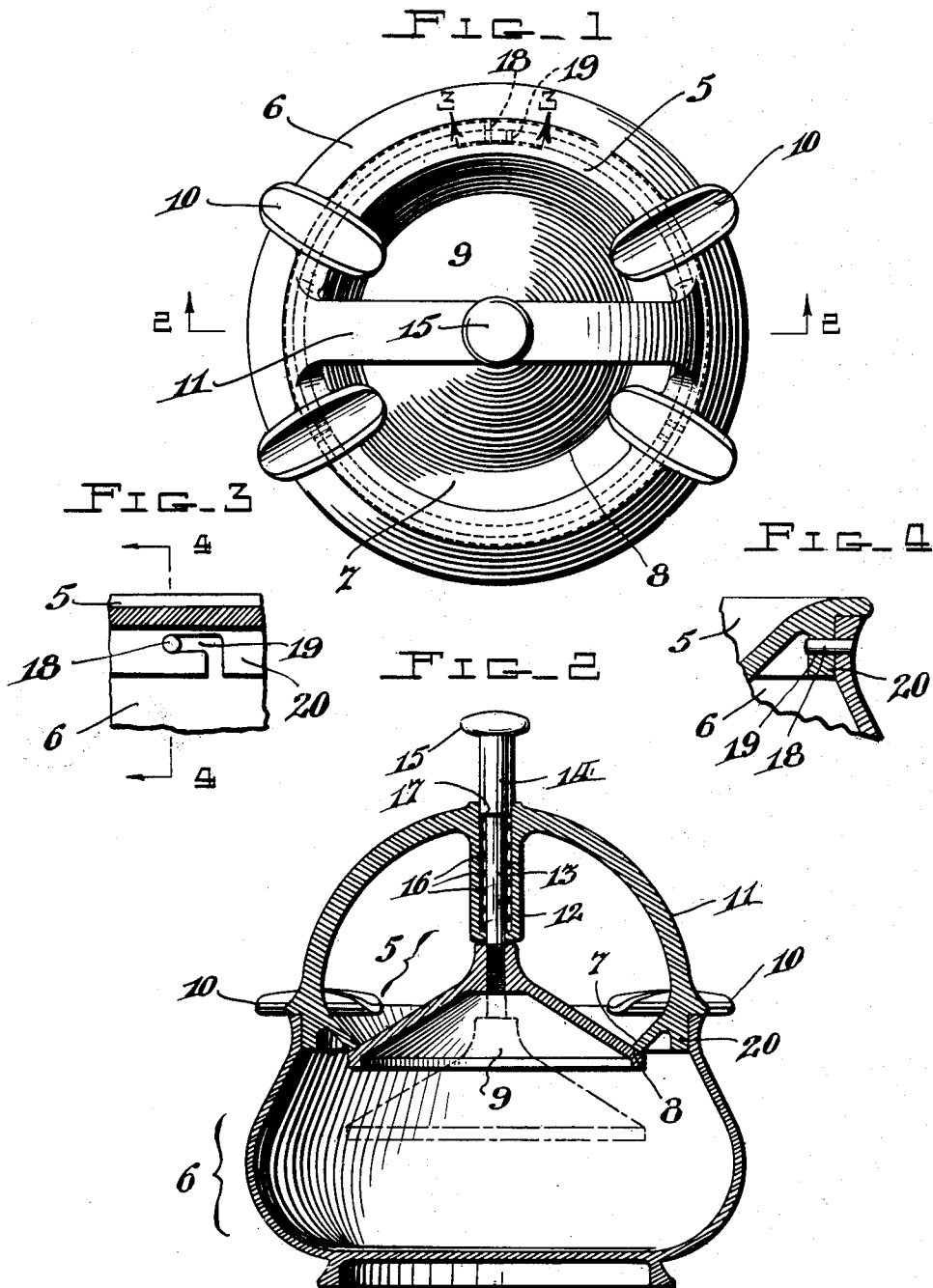
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SMOKER'S RECEPTACLE

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SMOKER'S RECEPTACLE

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6 Claims. (Cl. 131—51)

This invention relates to smokers' receptacles and more particularly to the type having two intercommunicating ash receivers or containers; the main object being to provide a novel receptacle which is simple in construction and provided with improved means for discharging the ashes from one receiver into the other.

The invention comprises a smoker's receptacle having the novel elements, features of construction and arrangement of parts in cooperative relationship as herein illustrated by one embodiment thereof.

Other objects and attendant advantages of the invention will become more readily apparent from the following detailed description and accompanying drawing, in which:

Fig. 1 is a plan view of the smoker's receptacle comprising my invention.

Fig. 2 is a central cross-sectional view, taken as indicated by the arrows 2—2 on Fig. 1.

Fig. 3 is a fragmentary sectional detail view, taken substantially as indicated by the arrows 3—3 on Fig. 1, and

Fig. 4 is a sectional view, taken as indicated by the arrows 4—4 on Fig. 3.

My novel smoker's receptacle comprises two intercommunicating ash receivers generally indicated at 5 and 6.

In the present instance, the primary ash receiver 5 is in the form of a separate unit and comprises a circular ash tray having an inwardly inclined wall 7, which terminates in a central intercommunicating passageway or opening 8; a separate conically shaped closure member 9; cigar and cigarette supporters 10 along its upper edge; and an arcuate handle 11 on which is mounted the means for operating the closure member 9.

The receptacle handle 11 is centrally provided with a bearing 12, adapted to receive and guide a slide rod 13, having an enlarged upper part 14 terminating in a finger knob 15. The lower end of rod 13 is in threaded engagement with the closure member 9. A suitable compression spring 16 is mounted about the rod 13, between the shoulder 17, formed by the enlarged part 14, and the restricted bottom end of the bearing 12, and functions to normally push the rod 13 upwardly so as to hold the member 9 against the lower edge of the wall 7, thereby to close the opening 8.

The ashes are placed in the primary receiver 5, from whence they can be quickly and easily discharged into the larger secondary receiver or container 6 by simply pressing down on the movement limiting knob 15 until it abuts against the

handle 11. This action lowers the closure member 9 to the dot-and-dash position shown in Fig. 2, and permits the ashes to drop through the intercommunicating opening 8, and into the container 6. This discharge action is obviously expedited by reason of the inclined wall 7 and conically shaped closure member 9.

It will be noted that container 6 is normally sealed by the closure member 9 so that if a lighted article, such as a cigar or cigarette butt is deposited therein, as just described, it will be smothered and the smoke and odor thereof confined within it.

A bayonet-lock connection is provided between the primary and secondary containers at various points, and comprises pins 18 secured in the upper end of the wall of container 6 in such manner as to slightly protrude inwardly, and slots 19 in the annular wall or flange 20 of the primary ash receiver 5, as clearly shown in Figs. 3 and 4.

When it is desired to empty the secondary container 6, it is merely necessary to turn, or partially rotate, the upper ash receiver 5 relative thereto, by means of the handle 11 and until the pins 18 register with the vertical part of slots 19, after which the upper ash receiver 5 can be readily withdrawn and the container 6 emptied.

In the claims, the term "base member" is employed in a generic sense to define a member for supporting the primary receiver, and is not limited to a member employed as a support for the ash receptacle as a whole, since it is obvious that a pedestal or other supporting member which may be referred to as a base member could be employed in combination with the member 6 while embodying the advantages of the invention claimed.

Of course, the smoker's receptacle of my invention can be changed and modified in various ways without departing from the invention herein disclosed and hereinafter claimed.

I claim:

1. In an ash receptacle having a secondary receiver comprising a hollow base member and a primary receiver detachably mounted on said base member, said primary receiver comprising a unitary assembly including an integral casting having the lower portion thereof forming an inwardly and downwardly inclined wall portion with a central opening in communication with the interior of said hollow base member and the upper portion thereof forming a supporting structure rising from said inclined wall portion and carrying a housing extending over the top

of said primary receiver, a plunger reciprocally mounted in said housing, and a movable closure member for said opening secured to the lower end of said plunger and normally arranged in abutting relation with the under side of said lower portion, said housing including a spring arranged to urge said plunger and hence said closure member upwardly against the under side of said primary receiver.

2. In an ash receptacle having a secondary receiver comprising a hollow base member and a primary receiver detachably mounted on said base member, said primary receiver comprising a unitary assembly including an integral casting having the lower portion thereof forming an inwardly and downwardly inclined wall portion with a central opening in communication with the interior of said hollow base member and the upper portion thereof forming a supporting structure rising from said inclined wall portion and carrying a housing extending over the top of said primary receiver, a plunger reciprocally mounted in said housing, and a movable closure member for said opening secured to the lower end of said plunger and normally arranged in abutting relation with the under side of said lower portion, said housing including a spring arranged to urge said plunger and hence said closure member upwardly against the under side of said primary receiver, said plunger and said housing having portions thereof formed to provide means for tensioning said spring.

3. In an ash receptacle having a secondary receiver comprising a hollow base member and a primary receiver detachably mounted on said base, said primary receiver comprising a unitary assembly including an integral casting having the lower portion thereof forming an inwardly and downwardly inclined wall portion with a central opening in communication with the interior of said hollow base member and the upper portion thereof forming a supporting structure rising from said inclined wall portion and carrying a housing extending over the top of said primary receiver, a plunger reciprocally mounted in said housing, and a movable closure member for said opening secured to the lower end of said plunger and normally arranged in abutting relation with the under side of said lower portion, said housing including a spring arranged to urge said plunger and hence said closure member upwardly against the under side of said primary receiver, said plunger and said housing having portions formed integral therewith and providing abutments for the opposite ends, respectively, of said spring for tensioning the same, said integral portion of the plunger forming a closure means for one end of said housing.

4. In an ash receptacle having a secondary receiver comprising a hollow base member and a primary receiver detachably mounted on said base, said primary receiver comprising a unitary assembly including an integral casting having the lower portion thereof forming an inwardly and downwardly inclined wall portion with a cen-

tral opening in communication with the interior of said hollow base member, said lower portion also including a flanged portion in close fitting engagement with a side wall portion of the hollow base member, and the upper portion of said casting forming a supporting structure rising from said inclined wall portion and carrying a housing extending over the top of said primary receiver, a plunger reciprocally mounted in said housing, and a movable closure member for said opening secured to the lower end of said plunger and normally arranged in abutting relation with the under side of said lower portion, said housing including a spring arranged to urge said plunger and hence said closure member upwardly against the under side of said primary receiver.

5. In an ash receptacle having a secondary receiver comprising a hollow base member and a primary receiver detachably mounted on said base, said primary receiver comprising a unitary assembly including a lower portion having an opening arranged for communication with the interior of said secondary receiver and a supporting member including a housing extending over the top of said primary receiver, a plunger reciprocally mounted in said housing, a movable closure member for said opening secured to the lower end of said plunger and normally arranged in abutting relation with the under side of said lower portion, said housing including a spring arranged to urge said plunger and hence said closure member upwardly against the under side of said primary receiver, said housing having a portion thereof formed to provide a stop member for one end of said spring, and said plunger having a portion thereof of enlarged diameter to provide closure means for one end of said housing and also to form an abutment for the other end of said spring.

6. In an ash receptacle having a secondary receiver comprising a hollow base member and a primary receiver detachably mounted on said base member, said primary receiver comprising a unitary assembly including a lower portion having an opening arranged for communication with the interior of said secondary receiver and a supporting member including a housing extending over the top of said primary receiver, a plunger reciprocally mounted in said housing, a movable closure member for said opening secured to the lower end of said plunger and normally arranged in abutting relation with the under side of said lower portion, said housing including a spring arranged to urge said plunger and hence said closure member upwardly against the under side of said primary receiver, said housing having a lower inwardly extending portion thereof formed to provide a guide for said plunger and a stop member for one end of said spring, and said plunger having the upper portion thereof of greater diameter than the lower portion thereof to provide closure means for one end of said housing and also to form an abutment for the other end of said spring.

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