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W. A. FREEMAN

SMOKER'S RECEPTACLE

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Fig. 1.

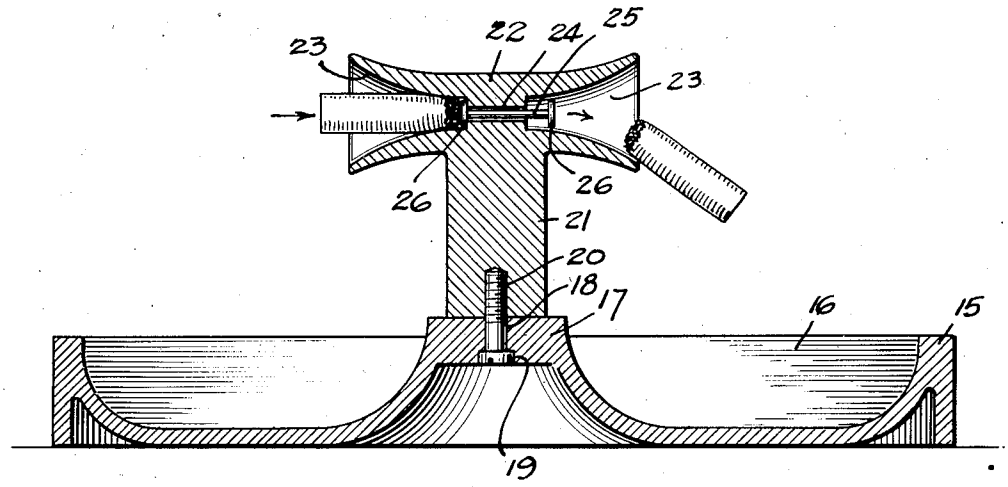
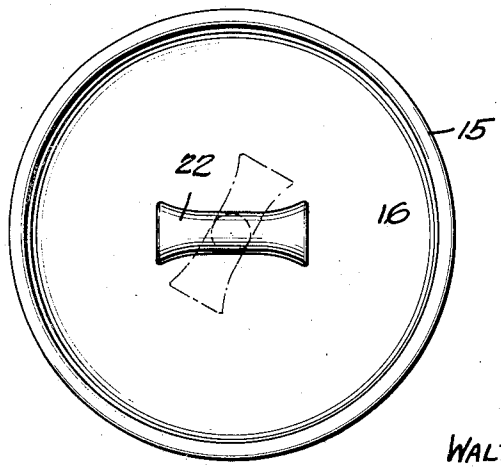


Fig. 2.



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SMOKER'S RECEPTACLE.

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My invention relates to smokers' receptacles for cigarettes, cigars and ashes, and a purpose of my invention is the provision of a receptacle of this character having incorporated therein simple and effective means by which lighted cigarettes can be easily extinguished and in a manner to avoid contamination or burning of the fingers.

It is also a purpose of my invention to provide a smoker's receptacle in which the extinguishing device is operable to discharge an extinguished cigarette therefrom upon the application of a second cigarette to the device.

I will describe only one form of smoker's receptacle embodying my invention and will then point out the novel features thereof in claims.

In the accompanying drawings,

Figure 1 is a view showing in vertical section one form of smoker's receptacle embodying my invention;

Figure 2 is a plan view on a reduced scale showing the receptacle in Figure 1.

Referring specifically to the drawings, in which similar reference characters refer to similar parts, my invention, in its present embodiment, comprises a tray 15 of any suitable form and size and provided at its upper side with a dished portion 16 in which cigarette stumps, ashes and matches are adapted to be received. This tray 15, in the present instance, is of dish shape and is provided centrally thereof with an upstanding head or projection 17 to which is secured a device for extinguishing lighted cigarettes. The projection 17 is provided with a suitable opening 18 countersunk at its lower end, as indicated at 19, to receive a screw 20, the latter being threaded into a shank 21 so that such shank is attached to the head 17 but capable of rotation thereon about its vertical axis as a center. This shank 21 constitutes a part of the extinguishing device, and upon the upper end thereof is formed a head 22 extending transversely of the shank and bored at its opposite ends to provide frusto-conical pockets 23. The intermediate portion of the head 22 or that portion between the pockets 23 is formed with a bore 24 of uniform cross section which serves to provide communication between the confronting or small end of the pockets 23 and to receive therein the shank 25 of an ejector member having heads 26 at the ends of the shank movable in the small ends of the pockets.

In practice, the lighted end of a cigarette can be inserted into either pocket 23, and because of the conical form of the latter the cigarette will be constricted to the exclusion of air from the lighted end, thereby extinguishing the cigarette. As the cigarette is inserted into the pocket, it engages one of the heads 26 and thus moves the ejector to the position shown in Figure 1, so as to actuate the other head 26 in a manner to effect the ejection from the corresponding pocket 23 of another cigarette which has been previously inserted into such pocket. Because of the superposing of the extinguishing device above the tray, it will be clear that a cigarette ejected from either pocket 23 will drop into the cupped portion 16 of the tray. That cigarette which was inserted into one pocket 23 as above described is ultimately ejected from the pocket in the same manner as described in connection with the other cigarette when a succeeding cigarette is inserted into the other pocket. In this manner, the successive application of cigarettes to the two pockets will effect the alternate ejection of cigarettes from the pockets through the actuation of the ejector. In this manner, cigarettes can be effectively extinguished and without the necessity of manually withdrawing the cigarettes from the pockets subsequent to extinguishment, thereby preventing contamination of the fingers, as will be understood.

Should either pocket 23 of the extinguishing device be inaccessible from any particular point about the tray, it will be clear that by virtue of its connection with the head 17 the entire device can be rotated, as indicated in dot-and-dash lines in Figure 2, to bring either pocket into the desired position.

Although I have herein shown and described only one form of smoker's receptacle embodying my invention, it is to be understood that various changes and modifications may be made therein without departing from the spirit of the invention and the spirit and scope of the appended claims.

I claim as my invention:

1. An article of manufacture comprising a member having pockets therein into which lighted cigarettes can be inserted and extinguished, and means operating to eject a

cigarette from one pocket upon insertion of another cigarette into another pocket.

2. An article of manufacture comprising a member formed with a pair of frusto-conical pockets into which lighted cigarettes can be inserted and extinguished, and an ejector movable in the member and between, and in the pockets to eject a cigarette from one of the pockets upon the insertion of another cigarette into the other pocket.

3. An article of manufacture as embodied in claim 2 wherein the ejector comprises a shank and heads on the ends of the shank and movable in the pockets.

4. An article of manufacture as embodied in claim 1 wherein said ejecting means comprises a shank movable in the member and having cigarette engaging heads disposed in the pockets.

5. An article of manufacture comprising a member having a pair of pockets into which lighted cigarettes can be inserted and extinguished, and means movable in the member and between and in the pockets operating to eject a cigarette from one pocket upon the insertion of another cigarette into the other pocket.

6. An article of manufacture comprising a member provided with a pair of frusto-conical pockets disposed with their smaller ends confronting and spaced apart, said member having a bore between and communicating with the pockets, an ejector comprising a shank slidably mounted in the bore, and cigarette engaging heads on the ends of the shank disposed in the pockets and adapted to engage the bottoms of the pockets to limit the sliding movement of the shank in the bore.

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