

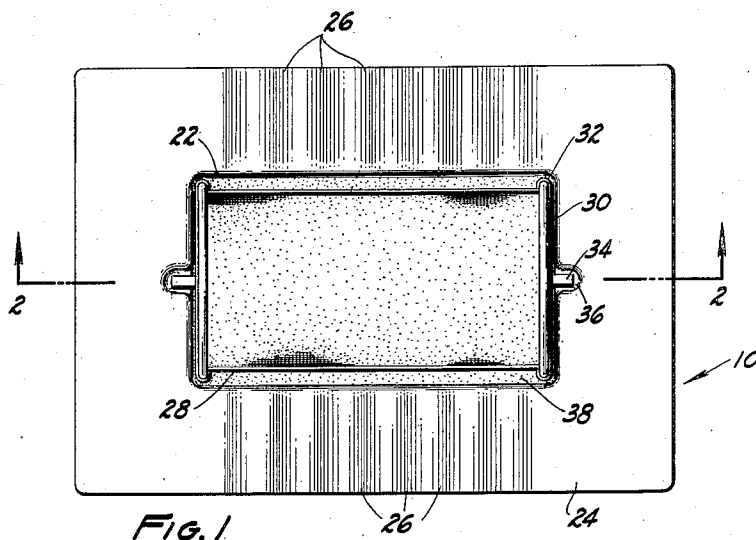
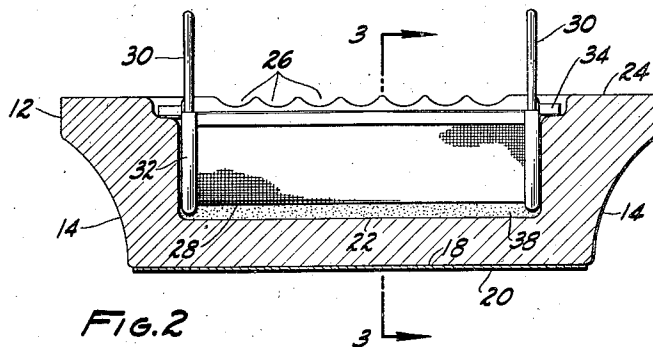
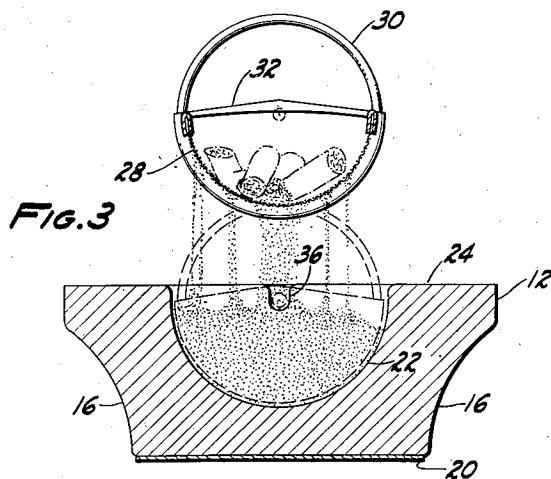
June 22, 1948.

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2,443,709

CIGARETTE SNUFFER

Filed March 9, 1946



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UNITED STATES PATENT OFFICE

2,443,709

CIGARETTE SNUFFER

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Application March 9, 1946, Serial No. 653,363

4 Claims. (Cl. 131-235)

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This invention relates to an ash receiver, and more particularly to a receiver for extinguishing combustion in cigarettes, and the like, and for containing the residue thereof.

An object of the invention is to provide an improved receiver adapted for the positive snuffing therein of cigarettes and the facile removal of cigarette butts therefrom.

Another object of the invention is to provide a receiver containing material adapted to snuff combustion in cigarettes, and having removable means imbedded in said material for removing the cigarette butts without displacing the material in the receiver.

A further object of the invention is to provide a receiver for cigarette butts providing a tray, a cavity therein, a shelf of substantial width surrounding the cavity, a plurality of grooves in the surface of said shelf adapted to serve as cigarette rests, a granular material in the cavity, and a rotatable semi-cylindrical screen removably depending from the tray and embedded in the granular material.

Other objects and advantages of the invention will be apparent from the following description taken in conjunction with the drawing forming part of this specification, and in which:

Fig. 1 is a plan view of the ash receiver embodied in the invention;

Fig. 2 is a view along lines 2-2 of Fig. 1; and

Fig. 3 is a view along lines 3-3 of Fig. 2 with the screen portion of the receiver removed therefrom.

Referring to the drawings for more details of the invention, 10 indicates generally a tray comprised of an upper rectangular portion 12, inwardly and downwardly inclined end walls 14 and side walls 16, and a bottom surface 18 having affixed thereto a layer 20 of resilient material, such as rubber, felt, etc. A semi-cylindrical cavity 22 is located centrally and longitudinally of the tray, and a ledge 24 comprising the upper surface of the rectangular portion 12 of the tray extends peripherally around the cavity. A plurality of grooves 26 in the ledge 24 are disposed on two sides of the cavity 22, said grooves being adapted to serve as cigarette rests.

A semi-cylindrical wire mesh screen 28 is secured to a pair of metal rings 30 by a pair of semi-circular end plates 32 crimped to the rings 30, each of said plates having a trunnion 34 adapted to be supported within niches 36 in oppositely disposed sides of the ledge 24.

A quantity of fine grained sand 38, which may be varied in color so as to be attractive and

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pleasing to the eye, is introduced into the semi-cylindrical cavity 22 of the tray, either prior or subsequent to the introduction of the screen 28 into said cavity, to fill the cavity substantially to the level of the ledge 24. The sand is adapted to serve as a snuffing or quenching material for cigarettes and cigars.

After a number of cigarette butts have accumulated in the receiver, the butts or stubs are removed therefrom by lifting the screen 28 free from the tray 10 whereupon the sand normally above the screen passes freely therethrough without any spilling of said sand on the ledge 24. A space 38 between the screen 28 and the wall of the cavity 22, as shown in Fig. 1, serves to receive any sand tending to be urged upwardly and outwardly of the screen upon the removal of the screen from the cavity. Thus, on any normal removal of said screen, there will be no spilling of the sand upon the ledge 24 or upon the surface supporting the ash receiver.

The screen, emptied of residue, is reintroduced into the sand in the easiest fashion by a combined pressing and reciprocating rocking action. When the trunnions 34 are supported in the niches 36, the screen may be moved back and forth in a slight arcing movement by use of the rings 30 to effect a smoothing of the surface of the sand.

While the preferred embodiment of the invention has been shown and described, it is understood that other embodiments may be made within the spirit of the invention and the scope of the appended claims.

What I claim as new and desire to secure by Letters Patent is:

1. An ash receiver comprising a tray having a semi-cylindrical cavity therein, a quantity of granular material in the cavity, and a semi-cylindrical wire mesh screen embedded in the granular material and having a pivotal connection with said tray.

2. An ash receiver comprising a tray having a semi-cylindrical cavity therein, a quantity of granular material in the cavity, and a semi-cylindrical wire mesh screen spaced from the walls of the cavity and rotatably supported by the tray and embedded within the granular material.

3. An ash receiver comprising a tray having a semi-cylindrical cavity therein, a quantity of granular material substantially filling the cavity, a semi-cylindrical wire mesh screen embedded in the granular material and spaced from the walls of the cavity, a circular ring at each end of the screen, an end plate for each ring extending

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thereover to secure the screen thereto, a trunnion on each plate, said tray having a pair of niches to receive the trunnions for the rotatable support of the screen.

4. An ash receiver comprising a rectangular tray having a semi-cylindrical cavity arranged centrally and longitudinally therein and having a ledge surface of substantial width around the rectangular periphery of the cavity provided with a plurality of grooves in the surface of two opposed sides thereof, a quantity of sand substantially filling the cavity, a semi-cylindrical wire mesh screen embedded in the sand and spaced from the walls of the cavity, a circular ring at each end of the screen protruding above the ledge, a semi-circular end plate for each ring extending thereover to secure the screen thereto, a

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trunnion on each plate, said tray having a niche in each of the ungrooved sides of the ledge to rotatably support the trunnions.

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The following references are of record in the file of this patent:

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