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EXTINGUISHER FOR CIGARETTES AND THE LIKE

Filed Jan. 20, 1930

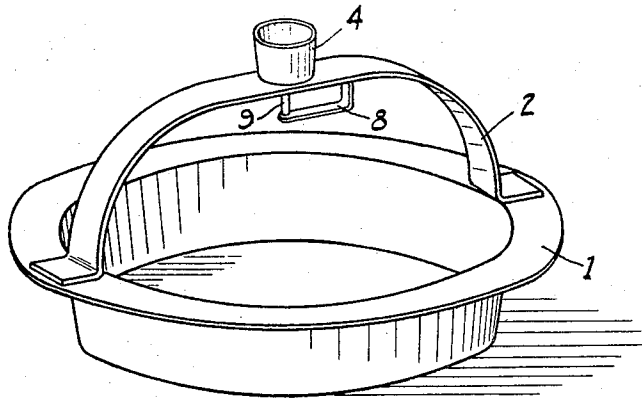


Fig. 1

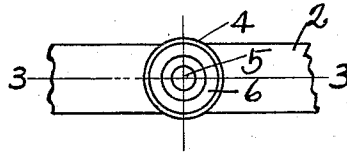


Fig. 2

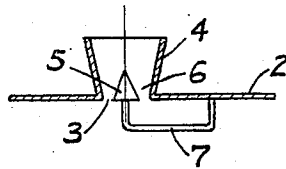


Fig. 3

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EXTINGUISHER FOR CIGARETTES AND THE LIKE

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Cigarettes usually continue burning after they are discarded and unless special provision is made, or special care is taken they are not usually extinguished. As a result there is a certain amount of fire hazard with unextinguished and discarded cigarettes and there is also usually a disagreeable odor from the continued burning.

The present invention is designed to provide a simple and convenient means for extinguishing such cigarettes and the like. Features and details of the invention will appear from the specification and claims.

A preferred embodiment of the invention is illustrated in the accompanying drawing as follows:—

Fig. 1 shows a perspective view of the device,

Fig. 2 a plan view of the extinguishing tube.

Fig. 3 a section on the line 3—3 in Fig. 2.

1 marks a receptacle or ash tray. A bail 2 is secured to the top of the tray and extends over this tray. An opening 3 extends through the bail at its center and above the tray and a tapered extinguishing body 4 leads to this opening. A point 5 extends into the opening, the smaller end of the point being toward the larger end of the body 4. The point is spaced from the walls of the opening so that the final opening from the body 4 to the tray is represented by the annular space 6 with contracting walls. The point 5 is supported by a wire 7 extending downwardly from the point and then laterally, the end of the support, or wire being secured to the bail 2. Preferably this wire is sufficiently light and resilient to allow a slight yielding, or movement of the point 5, the effect of which is to prevent any tendency of the ash clogging in the contracting space 6.

As an alternative mounting for the point a spring blade 8 is provided, as shown in Fig. 1 from which a pin 9 extends upwardly to the point.

In operation the burning end of the cigarette is extended into the tapered opening against the point 5. The action of the point and the walls in the restriction 6 compresses the burning material and acts to

smother it so that the cigarette is almost instantly extinguished. Any ash that is separated from the cigarette falls through the opening into the tray so that the device without further manipulation is ready for continuous use.

What I claim as new is:—

1. In an extinguisher for cigarettes and the like, the combination of a body having a tapered opening; a tapered pin in the opening having its small end toward the larger end of the opening and related to the taper of the body to compress an inserted cigarette end between the tapered surfaces, said pin being spaced from the wall of the opening permitting an ash discharge from the opening through the space; and a mounting for the pin holding it in place in the opening.

2. In an extinguisher for cigarettes and the like, the combination of a body having a tapered opening; a tapered pin in the opening having its small end toward the larger end of the opening, said pin being spaced from the wall of the opening permitting an ash discharge from the opening through the space; and a yielding mounting for the pin holding it yieldingly in place in the opening.

3. In an extinguisher for cigarettes and the like, the combination of a body having a tapered opening; a tapered pin in the opening having its small end toward the larger end of the opening, said pin being spaced from the wall of the opening permitting an ash discharge from the opening through the space; and a yielding mounting for the pin holding it yieldingly in place in the opening comprising a laterally extending spring arm connected to the body.

4. In an extinguisher for cigarettes and the like, the combination of a receptacle; a bail bridging the top of the receptacle; an extinguisher body mounted on the bail and having a tapered opening; a tapered pin extending into the opening having its smaller end toward the larger end of the opening, said pin being spaced from the walls of the opening leaving a space for the discharge of ash to the receptacle; and a connection between the pin and the bail supporting the pin in the opening.

5. In an extinguisher for cigarettes and the like, the combination of a body having an opening; a tapered pin extending into the opening, said pin being spaced from the wall of the opening, said taper extending to the point of greatest restriction between the pin and the walls of the opening in the body permitting discharge from the opening through the space; and a mounting for the pin holding it in place in the opening.

6. In an extinguisher for cigarettes and the like, the combination of a receptacle; a bail bridging the top of the receptacle; an extinguisher body mounted on the bail and having a tapered opening; a tapered pin extending into the opening having its smaller end toward the larger end of the opening, said pin being spaced from the walls of the opening leaving a space for the discharge of ash to the receptacle; and a mounting for the pin supporting the pin in the opening.

In testimony whereof I have hereunto set my hand.

WILLIAM A. BESSMER.

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