July 2, 1940.

C. W. PUDLICH

2,206,236

CIGARETTE EXTINGUISHER

Filed May 8, 1939

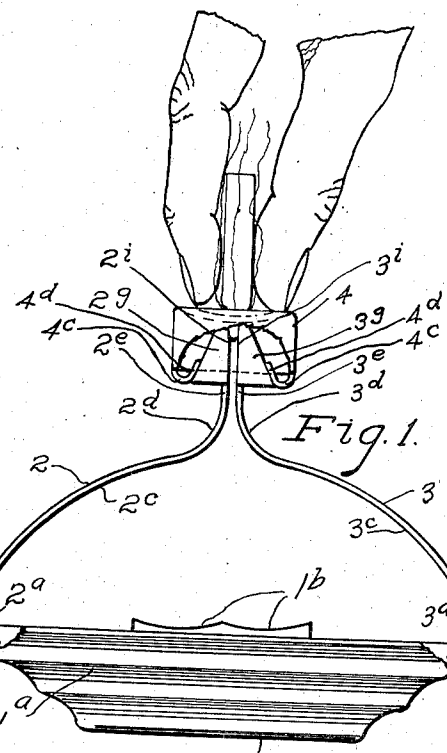


Fig. 1.

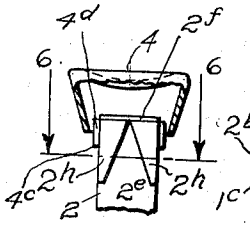


Fig. 5.

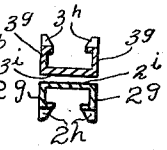


Fig. 6.

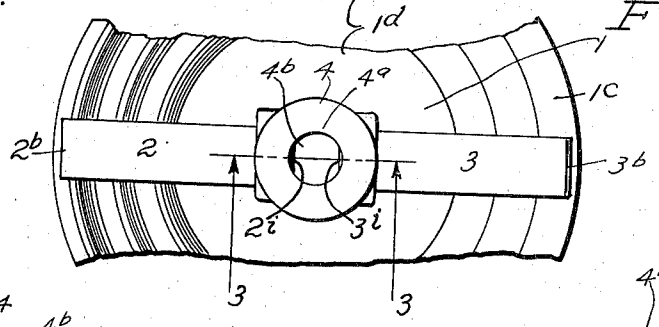


Fig. 2.

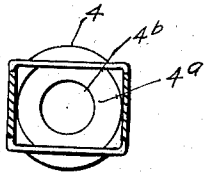


Fig. 4.

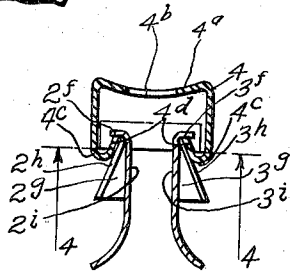


Fig. 3.

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CIGARETTE EXTINGUISHER

Carl W. Pudlich, Rancho Santa Fe, Calif.

Application May 8, 1939, Serial No. 272,366

4 Claims. (Cl. 131—237)

My invention relates to a cigarette extinguisher in combination with an ash tray for receiving the ashes from the cigarette and the objects of my invention are:

First, to provide a cigarette extinguisher by the use of which the cigarette held by the fingers and thumb may be quickly extinguished and the ashes therefrom caught in a tray for receiving ashes and butts;

Second, to provide a device of this class with a simple compressing means for crushing the end of the cigarette for extinguishing the same;

Third, to provide a device of this class that is so constructed that when the cigarette is positioned in a hole, the pressing downwardly causes a closing against the end of the cigarette for extinguishing the same and the ashes and butt may be readily dropped into the receptacle for receiving the same;

Fourth, to provide a device of this class which is so shaped and constructed that it will not easily tip over and spill the ashes and butts; and

Fifth, to provide a device of this class which is very simple and economical of construction, easy and natural to operate, efficient in its action and which will not readily deteriorate or get out of order.

With these and other objects in view as will appear hereinafter, my invention consists of certain novel features of construction, combination and arrangement of parts and portions as will be hereinafter described in detail and particularly set forth in the appended claims, reference being had to the accompanying drawing and to the characters of reference thereon which form a part of this application in which:

Figure 1 is a side elevational view of my cigarette extinguisher showing portions broken away to facilitate the illustration; Fig. 2 is a fragmentary top view thereof; Fig. 3 is a sectional view taken from the line 3—3 of Fig. 2; Fig. 4 is a sectional view taken from the line 4—4 of Fig. 3; Fig. 5 is a fragmentary side elevational view of the extinguishing portion of my cigarette extinguisher showing portions broken away and in section to facilitate the illustration and Fig. 6 is a sectional view taken from the line 6—6 of Fig. 5.

Similar characters of reference refer to similar parts and portions throughout the several views of the drawing.

The ash receptacle 1, extinguisher members 2 and 3 and compressor cap 4 constitute the principal parts of my cigarette extinguisher.

The ash receptacle 1 is a dish like receptacle three or four inches in diameter and is preferably corrugated at 1*a* so that it may be made out of thin material and still strong enough to prevent easy denting. It is provided on its upper side with cigarette supports 1*b*. Its perimeter is provided with an outwardly curved portion 1*c* and is provided with a flat bottom portion 1*d* so that it rests on a flat surface without tilting.

Secured to the curved portion 1*c* in any manner desired, preferably by welding or brazing are the extinguisher members 2 and 3 which are duplicate throughout and made in pairs. They are provided with curved end portions 2*a* and 3*a* which are adapted to fit the opposite sides of the curved portions 1*c* as shown best in Fig. 1 of the drawing and are each provided with upwardly and inwardly curved portions 2*b* and 3*b* and then with long curved portions which curve inwardly and upwardly designated 2*c* and 3*c*, then with upwardly curved portions 2*d* and 3*d*, then with straight upwardly extending portions 2*e* and 3*e* and at their upper ends with outwardly turned portions 2*f* and 3*f*. Just below these outwardly turned portions 2*f* and 3*f* are wide portions which are turned backwardly substantially at right angles 2*g* and 3*g*, shown best in Figs. 1 and 3 of the drawing, then with backwardly turned angular portions 2*h* and 3*h* as shown best in Figs. 3 and 5 of the drawing. These members 2 and 3 are preferably made of spring material and tend to spread at their upper ends by the inherent spring of the metal. Positioned over the upper ends of the members 2 and 3 and in engagement with the angular portions 2*h* and 3*h* is the compressor cap 4 which is substantially round or circular at its upper side and provided with a depressed portion 4*a* having a central hole 4*b* for receiving the end of the cigarette, and the walls adjacent the hole are adapted to be engaged by the thumb and fingers for depressing the cap member 4 while holding to the cigarette butt. The walls of the member 4 extend downwardly and assume a substantially rectangular form, as shown in Figs. 4 and 5 of the drawing. At the lower side there is provided inwardly turned portions 4*c* and with upwardly angular turned portions 4*d* shown best in Fig. 3 of the drawing. These upwardly turned portions 4*d* are adapted to engage the outside walls of the angular portions 2*h* and 3*h* and when the cap 4 is depressed the members 2*i* and 3*i* are pressed inwardly into engagement with the end of the cigarette and crush the end

and extinguish any fire therein. The ashes drop down between the members 2*i* and 3*i* into the ash tray 1 and the butt may be dropped into the ash tray also. When released, the cap member 3 rises by the spring of the metal in the members 2 and 3 and is adapted to rise upwardly on the angular portions 2*h* and 3*h* to the position shown in Fig. 3 of the drawing and ready for another operation.

Though I have shown and described a particular construction, combination and arrangement of parts and portions, I do not wish to be limited to this particular construction, combination and arrangement, but desire to include in the scope of my invention the construction, combination and arrangement substantially as set forth in the appended claims.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

1. In a cigarette extinguisher of the class described, the combination of a pair of duplicate extinguisher members extending upwardly in substantially vertical position at their upper ends, then horizontally and provided with outwardly and downwardly extended angular portions on their outer sides from adjacent said horizontal portions and a cap member surrounding said upper ends provided with angular portions adapted to fit over said outwardly and downwardly extending angular portions for compressing said extinguisher members when said cap member is depressed.

2. In a cigarette extinguisher of the class described, the combination of a support; a pair of extinguisher members secured in opposed relation to each other on said support and extending upwardly to a central position over said support, said extinguisher being provided with inward straight upwardly extending vertical portions and with outward angular horizontal stop portions, and a cap adapted to fit over and surround said angular portions and engage the side walls thereof.

3. In a cigarette extinguisher of the class described, the combination of a support, a pair of extinguisher members secured in opposed relation to each other and extending upwardly to a central position over said support, said extinguisher being provided with inward straight portions and with outward angular portions, a cap adapted to fit over said angular portions and engage the side walls thereof, said cap being provided with a hole in its upper side adapted to receive a cigarette end, and said cap member being provided with a substantially round upper side and with a substantially rectangular lower side with angular side walls.

4. In a cigarette extinguisher of the class described, the combination of a support, a pair of extinguisher members secured in opposed relation to each other and extending upwardly to a central position over said support, said extinguisher being provided with inward straight portions and with outward angular portions, a cap adapted to fit over said angular portions and engage the side walls thereof, said cap being provided with a hole in its upper side adapted to receive a cigarette end, said cap member being provided with a substantially round upper side and with a substantially rectangular lower side with angular side walls, and said cap being provided with a concave upper side adapted for engagement with the thumb and finger while grasping the cigarette.

CARL W. PUDLICH.