May 30, 1933. W. C. ATHON 1,911,262

CIGARETTE HOLDER AND EXTINGUISHER

Filed Dec. 1, 1930

Fig. 1.

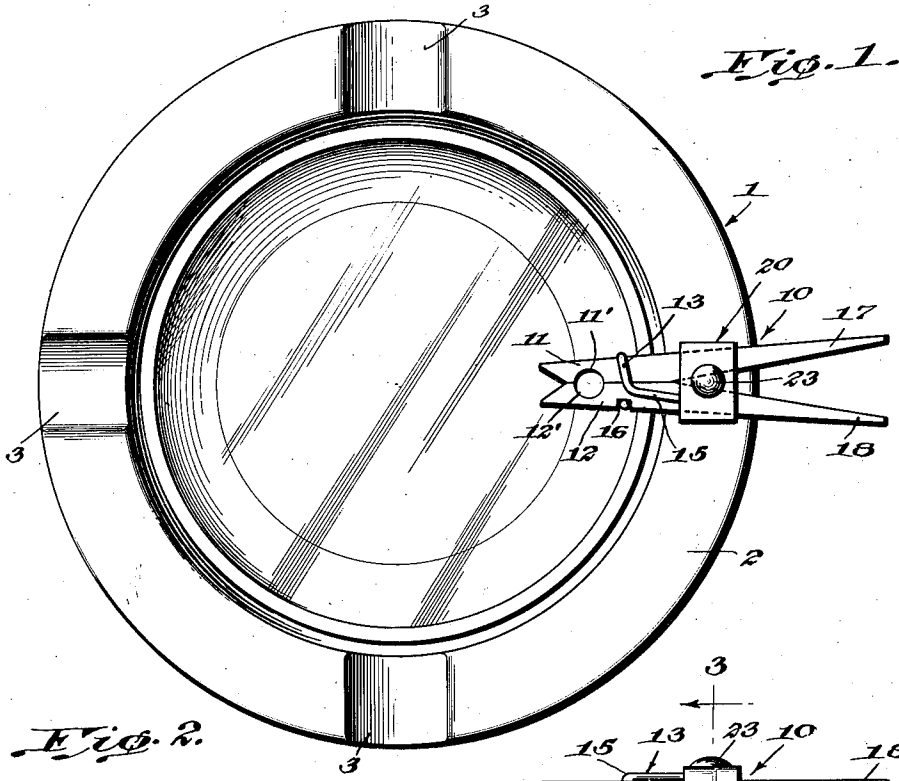
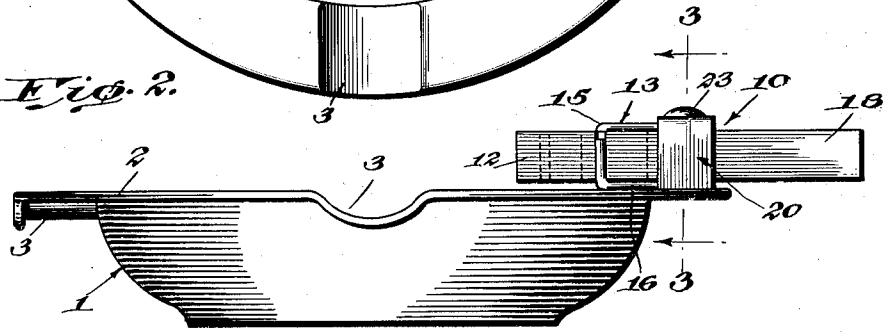


Fig. 2.



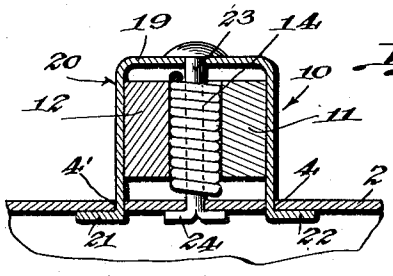


Fig. 3.

WITNESS

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UNITED STATES PATENT OFFICE

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CIGARETTE HOLDER AND EXTINGUISHER

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This invention relates to combined cigarette holders and extinguishers particularly adapted for use in connection with ash trays.

A primary object of the invention is to provide a simple and efficient device of this character which will positively grip a cigarette and hold it on the ash tray cutting off the flow of air through the cigarette and thereby extinguish it and at the same time holding it so that the ash will drop into the tray and the cigarette body portion be firmly held against falling onto the floor or into the tray.

Another object of the invention is to provide a cigarette holder for mounting on one side of an ash tray and which includes spring closed gripping jaws having laterally extending diverging arms which when forced together by the user forces the gripping ends apart and which is so constructed that when force is exerted to open the jaws there will be no tilting movement of the ash tray on which it is mounted.

In carrying out these objects, the invention is susceptible of a wide range of modification without departing from the spirit or sacrificing any of the advantages of the claimed invention; there being shown in the drawing for illustrative purposes a preferred and practical form, in which:

Fig. 1 is a top plan view of a conventional form of ash tray showing the cigarette holder and extinguisher applied thereto;

Fig. 2 is a side elevation thereof; and

Fig. 3 is a transverse vertical section taken on the line 3—3 of Fig. 2 showing the means of mounting the holder on the tray.

In the embodiment illustrated a conventional form of ash tray is shown at 1 having the usual horizontal flange 2 provided with a cigar or cigarette receiving concave seat 3 of conventional form.

It is well known that when cigarettes are placed in the seat 3 they easily roll off in many cases on a highly polished floor or table and this is very objectionable especially when the cigarettes are of the character which continually burn until entirely consumed. It is to obviate this difficulty that this improved holder 10 has been designed. This gripping device comprises gripping jaws 11 and 12 normally held closed by a spring 13 which includes a coiled portion 14 located between the rear ends of the jaws and having arms 15 and 16, the arm 15 extending over the top of the jaws and engaging the outer face of jaw 11 while the arm 16 extends under the jaws in an opposite direction and engages the outer face of jaw 12. The rear ends of the gripping jaws 11 and 12 are provided with diverging arms 17 and 18 which when forced together by the user will move the gripping arms 11 and 12 apart and release the cigarette which has been held in the seats 11′ and 12′ formed diametrically opposite in the jaws 11 and 12. As will be clearly seen from Figs. 1 and 2 this holder is mounted horizontally on the flange 2 of the ash tray with the cigarette engaging jaws overhanging the interior of the tray and the arms or fingers for manipulating them extending outwardly beyond the flange. This device is mounted on the flange 2 by means of an inverted U-shaped attaching member 20 preferably made of a metal strip the ends 21 and 22 of which are bent laterally outward in opposite directions as shown in Fig. 3 and extended through peripherally spaced slots 4 formed in flange 2. These ends or fingers 21 and 22 are clampingly engaged with the lower face of flange 2 while the body portion of the attacher extends up over the cigarette holder proper at the point where the coiled spring 14 is located and the holder is secured to the attacher by means of a headed stud which extends through the cross bar 19 of the member 20 down through the coiled spring 14 and has its ends split and the furcations 24 thereof bent laterally outward in opposite directions and clampingly engaged with the lower face of the flange. This stud 23 is preferably a large cotter pin or a device similar to it.

When it is desired to place a cigarette in the holder the fingers 17 and 18 are grasped by the user and moved towards each other thereby spreading the gripping jaws 11 and 12 apart against the tension of the spring 13 after which the cigarette is placed between the gripping jaws and the fingers released. When these fingers are released the spring

forces the jaws into close gripping and compression engagement with the cigarette which will cut off the flow of air through the cigarette, causing it to be extinguished, and the ashes will drop into the tray while the body of the cigarette will be positively held so that it cannot fall off the tray onto a table or floor.

Without further description it is thought that the features and advantages of the invention will be readily apparent to those skilled in the art, and it will, of course, be understood that changes in the form, proportion and minor details of construction may be resorted to, without departing from the spirit of the invention or its scope as claimed.

I claim:

A cigarette holder comprising a tray with a flange said flange having perforations, an attaching member having its end inserted in certain of the perforations and bent on the nether side of the flange, and gripper means disposed across the flange within the confines of said member, said means including spring pressed jaws and pivot means for the jaws, said pivot means being held at one end by said attaching member and having its other end fitted in another perforation in the flange, said jaws having seat formations at the ends disposed over the tray, the axis of said formations being perpendicular to the tray.

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