April 8, 1941. R. FULLARTON 2,237,663

CIGARETTE HOLDER

Filed March 8, 1938

Fig. 1.

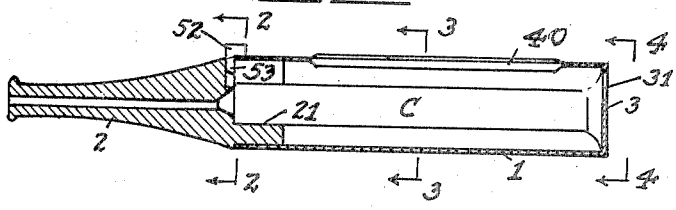


Fig. 2.

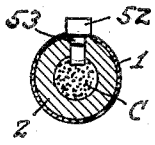


Fig. 3.

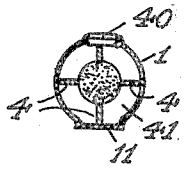


Fig. 4.

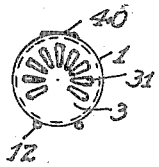


Fig. 5.

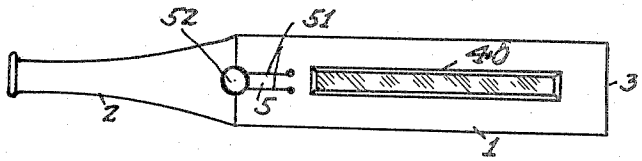


Fig. 6.

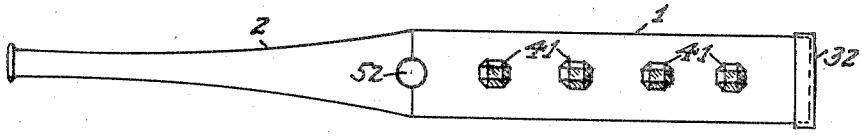
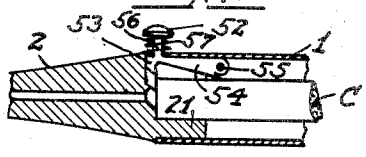


Fig. 7.



Inventor

Richard Fullarton

Patented Apr. 8, 1941 2,237,663

UNITED STATES PATENT OFFICE

2,237,663

CIGARETTE HOLDER

Richard Fullarton, Detroit, Mich.

Application March 8, 1938, Serial No. 260,539

2 Claims. (Cl. 131—175)

My invention relates to cigarette holders, and its principal object is to provide a holder in which the cigarette during its whole period of consumption is enclosed in such manner that while the burning of the tobacco contents is effected in a normal manner, the spilling of ashes and other products of combustion is effectually prevented.

The spilling of ashes from cigarettes as well as the burning and marring of tables and other furniture by thoughtlessly placing burning cigarettes thereupon is a frequent cause of annoyance. Furthermore, the innumerable forest fires which are caused by discarded cigarette butts has become a common scandal in the United States, as well as resulting in an enormous loss of our timber resources.

Another object of my said invention is to provide an enclosed cigarette holder which is so constructed that it may rest upon a supporting surface without rolling out of position, and which is easily opened and closed for the purpose of inserting a fresh cigarette and discharging the products of combustion.

Another object of my said invention is to provide an enclosed cigarette holder having transparent or translucent portions by which the smoker may ascertain at all times to what extent the cigarette is consumed.

Another object of my invention is to provide simple and effective means for ejecting the stub or unconsumed portion of the cigarette from the holder.

A further object of my invention is to provide a holder of the character above recited which may be manufactured economically by modern production methods.

With these and other objects in view, I will now describe a preferred embodiment of my invention with reference to the accompanying drawing, in which—

Figure 1 is a longitudinal vertical section showing a holder constructed in accordance with my invention.

Figure 2 is a section on line 2—2 of Figure 1.

Figure 3 is a section on line 3—3 of Figure 1.

Figure 4 is an end elevation taken on line 4—4 of Figure 1.

Figure 5 is a plan view.

Figure 6 is a plan view corresponding to Figure 5 but illustrating the application of my invention to a lady's cigarette holder, with certain modifications, and

Figure 7 is a fragmentary longitudinal section of the same showing a modified form of my improved ejector mechanism.

Like characters designate corresponding parts throughout the several views.

Referring more particularly to Figures 1 to 5, inclusive, 1 designates the cylindrical outer shell, of metal or other suitable material, fitting tightly at one end to a mouthpiece 2 of amber, "Bakelite" or other material, and 3 designates the outer end or closure of the shell. The shell 1 is provided with a number of inwardly extending ribs 4 which are so proportioned as to support the cigarette and maintain it in concentric relation with the shell 1. The end closure 3 which is so positioned as to be in horizontally spaced relation to the cigarette C is secured within the end of the shell 1 by any ordinary means well known in the art and is provided in its upper portion with a series of slots 31 adapted to permit entrance of the air necessary for the combustion of the cigarette.

In the upper portion of the shell 1 is a window 40 of transparent or translucent material such as glass or mica, through which the smoker may observe, by the glow from the cigarette, the extent to which the same is consumed.

The shell 1 is provided upon its lower side with a flattened portion as indicated at 11 in Figure 3, or alternatively with a pair of wires 12, the arrangement being such in either case that rolling of the cigarette holder upon a supporting surface is rendered impossible.

In order to quickly and easily eject the stub or unburned portion of a cigarette from my improved holder, I provide a tongue 5 formed integral with the body of the shell 1 but partially separated therefrom by means of slits 51, and upon the extreme end of the portion 5 I provide a button 52 upon the lower end of which is a prong 53 adapted normally to occupy a position, as shown in Figure 1, in which it is clear of the cigarette C. When, however, it is desired to eject the stub, the button 52 is pressed inwards and at the same time the shell 1 is withdrawn from its position upon the mouthpiece 2 and so the stub is removed at the same time as the shell. This being done, the pressure upon the button 52 is released and the stub is easily discharged from the shell 1 so that a new cigarette can be inserted in the opening 21 in the mouthpiece and the shell can be replaced. Meanwhile, during the combustion of the cigarette, the ashes will fall into the spaces 41 in the shell and will be easily discharged at the same time as the stub.

In the modification shown in Figures 6 and 7, which illustrate the application of my invention to a cigarette holder more especially adapted for use by ladies, the continuous member 40 is re-

placed by a plurality of gems 41, either real or imitation, through which the glow of the cigarette may be observed during different stages of its consumption. In this modification the end closure, instead of being integral with the casing 1, as shown in Figures 1 to 5, inclusive, consists of a removable cap 32 which is provided with the openings 31 as shown in Figure 4. In this modification, also, instead of making the ejector member 5 integral with the shell 1, I provide a member 54 which is hinged to the upper member 4 as at 55 and provided with a prong 53 as above described, but in this case a button 52 is connected to the member 54 by means of a stem 56 around which is positioned a helical compression spring 57 adapted to maintain the member 54 in the inactive position, as shown in Figure 7.

It will be observed from the foregoing description and by reference to the drawing that I have provided a holder which is simple in construction and which will be of great utility in preventing destruction and injury to furniture, as well as fires upon timber lands which has become a national disgrace, and while I have herein described and shown a preferred embodiment of my invention, it will be readily understood by those skilled in the art to which the same relates that I may make various changes in detail without departing from the spirit of my invention as defined in the appended claims.

Having thus described my said invention, what I claim and desire to secure by Letters Patent of the United States is:

1. A cigarette holder comprising a mouthpiece having a bore adapted to receive the end of a cigarette and having thereupon a metallic casing surrounding the cigarette in concentric spaced relation and provided with a plurality of radial, inwardly projecting longitudinal metallic fins for retaining said cigarette concentrically therewith and for rapidly conducting heat away from the cigarette.

2. A cigarette holder comprising a mouthpiece having a bore adapted to receive the end of a cigarette and having thereupon a metallic casing surrounding the cigarette in concentric spaced relation and provided with a plurality of radial, inwardly projecting longitudinal metallic fins, of a thickness not greater than that of said casing and extending substantially throughout the length of the cigarette for retaining the same concentrically therewith and for rapidly conducting heat away from the cigarette.

RICHARD FULLARTON.