April 12, 1938. J. LYKOS ET AL 2,113,734

CIGARETTE HOLDER

Filed Aug. 7, 1936

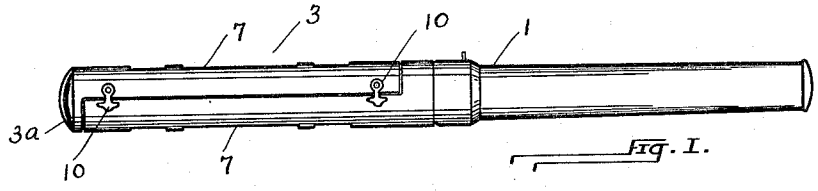



Fig. I.

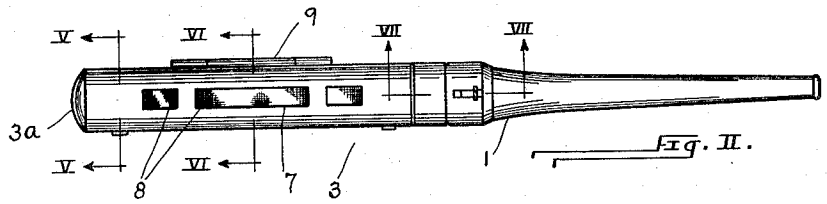



Fig. II.

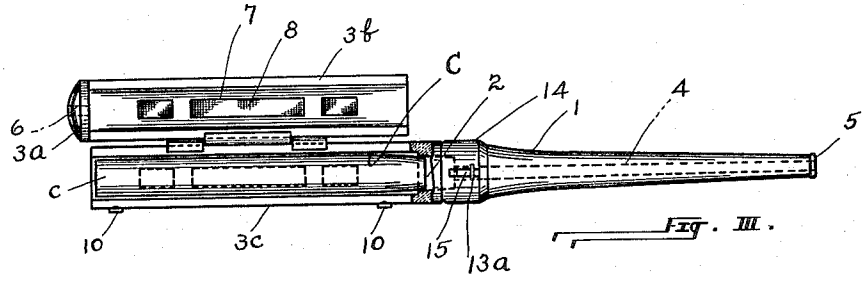



Fig. III.

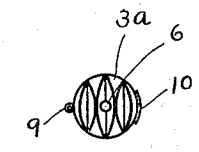



Fig. IV.

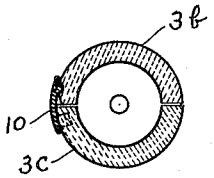



Fig. V.

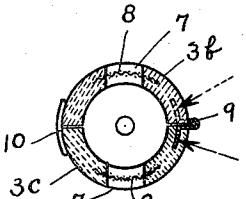



Fig. VI.

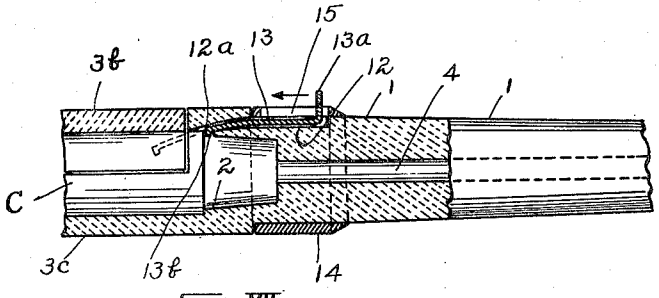



Fig. VII.

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2,113,734

## CIGARETTE HOLDER

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2 Claims. (Cl. 131—10)

Our invention relates to cigarette holders, and consists in structural refinements and elaborations in closed holders—holders of the sort that enclose a cigarette and prevent the dropping of sparks and ashes while the cigarette is being consumed.

We aim to provide a closed cigarette holder which may be manufactured more readily and with increased economy. And it is further our object to provide a closed holder in which cigarettes may be more readily inserted for smoking, and in which the removal of the ashes and stubs of smoked cigarettes may be more easily and thoroughly effected.

An embodiment of the invention is illustrated in the accompanying drawing, in which Fig. I is a view in plan of the holder, closed and ready for service; Fig. II is a view of the same in side elevation; Fig. III is a view comparable with Fig. II, illustrating the holder in open position, and showing a cigarette in place; Fig. IV is a view in end elevation of the holder in closed position; Figs. V and VI are views of the holder in cross-section and to larger scale, taken on the planes V—V and VI—VI of Fig. II, respectively; and Fig. VII is a fragmentary view, on the scale of Figs. V and VI, and showing the holder partly in plan and partly in axial section, on the plane VII—VII of Fig. II.

Referring to the drawing, our cigarette holder consists in usual way in a body or stem 1 including a conical seat 2 adapted to receive in snug engagement the compressed end of a cigarette. (Note cigarette *c* in Fig. III.) A cage 3 forms a continuation of the stem 1, and serves entirely to enclose the cigarette being smoked, in such manner that neither ashes nor sparks can fall. A passage 4 extends from the seat 2, through the stem 1 and the usual bit 5 provided on the end of the stem, and under the suction produced by the user, combustion-sustaining air is drawn into the chamber C within the cage, and smoke is drawn from the lit end of the cigarette inward, and carried by way of the conical seat 2 through passage 4.

Essentially, the holder is constructed of material which is resistant to heat and fire, and in accordance with known practice we employ a material which can be readily molded and hardened. Specifically, bakelite is such a material, bakelite being a condensate of formaldehyde and phenol. In this case both the cage 3 and the stem 1 are formed of bakelite, the end wall 3*a* of the cage including a perforation 6 and the side walls including narrow and elongated windows 7, to admit of the essential infiltration of air to the enclosed cigarette. The windows 7 are screened, by means of metallic fabric 8 of fine mesh.

In accordance with our invention the cage 3 is constructed in two sections parted on a diametrical plane. The two sections are articulated by means of a hinge 9 extending with the meeting edges of the sections on one side of the cage, while snap-fasteners 10 of well-known sort are arranged on the opposite side of the cage, normally to hold the cage sections in closed position. The two sections of the cage may be swung apart (Fig. III), laying the chamber C open from end to end, and, by virtue of such feature, a cigarette may be quickly inserted, with its butt end crushed in desired manner in the conical seat 2. And, manifestly, it is possible after smoking readily and thoroughly to cleanse the holder of ashes and butts.

As has been already mentioned, the cage 3 in this case is formed of molded bakelite. Advantageously, the molded cage is formed in two semi-cylindrical shells 3*b* and 3*c*. The shell 3*b* carries the end wall 3*a* of the cage, and the shell 3*c* is formed integrally with the stem 1. The integral body and shell 1, 3*c* and the shell 3*b* may be formed in a single molding operation, in the relative positions shown in Fig. III, and the several leaves of the hinge may be so supported in the mold that the inner ends of the leaves will be embedded and anchored (note arrows in Fig. VI) in the respective bodies of the shells which are to be secured in hinged union. As indicated in Fig. V, the snap-fasteners 10 are in like manner anchored in the body of the shell 3*c*, while the screens 8 are marginally embedded and secured in the body material of the shells, as shown in Fig. VI.

In further accordance with the invention, we provide particularly effective means for ejecting a cigarette butt from the seat 2. As shown in Fig. VII, a small way 12 is formed in the body of the stem 1. The way opens in the outer surface of the body 1, and extends inward to the mouth of conical seat 2. Adjacent to the mouth of the seat, the wall of the way 12 is curved or inclined, as shown at 12*a*. In way 12 an ejector in the form of a narrow strip 13 of spring steel is positioned; a metal ferrule 14 is secured over the open end of the way 12; the ferrule includes a slot 15 aligned with the way, and the outer end of the ejector includes a head portion 13*a* that extends outward through the slot 15. In ejecting a cigarette butt from the seat 2, the user, with the tip of his finger or thumb, moves the head 13*a* in

the direction of the arrow in Fig. VII. The tip 13b of the ejector, guided by the curved or inclined wall 12a, is caused to move radially inward and longitudinally of the seat 2. (Note the dotted line position in Fig. VII). The inwardly moving tip of the ejector bears against and takes purchase on the cigarette butt and dislodges it from the conical seat 2 in the desired manner.

It is contemplated the tobacco introduced to the holder of our invention need not be in the form of a cigarette. The proportions of the chamber C may be modified, and loose tobacco, or a cartridge of tobacco in form other than a cigarette, may be used. And it will be understood that various modifications of the structure described may be made without departing from the essence of the invention defined in the appended claims.

We claim as our invention:

1. A cigarette holder provided with a seat for a cigarette, a slide-way embodied in said holder radially outward from said seat, and a flexible member in said slide-way movable between alternate positions axially of said seat, said flexible member carrying a portion accessible externally of the sidewall of said holder, and including a tip that, as such member is shifted from one to another of its alternate positions, moves radially inward and axially of said seat and takes purchase upon the side of a cigarette butt and carries it from the seat.

2. A smoking device comprising a stem including a seat and windowed cage extending from said seat, and an ejector embodied in said holder radially outward from said seat and movable between alternate positions, said ejector carrying a portion accessible in the side-wall of said holder, and including a tip that, as the ejector is shifted from one to the other of its alternate positions, moves radially inward and axially of said seat and takes purchase upon the side of a butt and carries it from the seat into said cage, whence it may be readily removed.

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