Sept. 6, 1932. M. L. FARLAND 1,875,432

PIPE

Filed Dec. 8, 1931

Fig. 1.

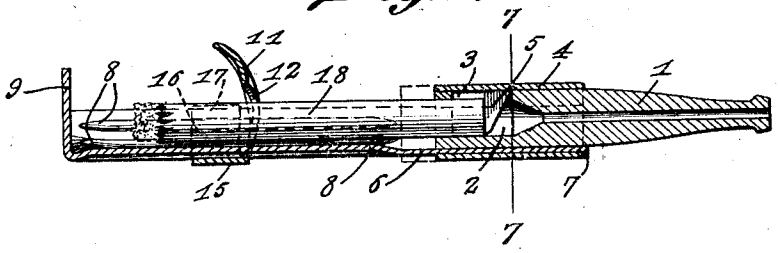


Fig. 2.

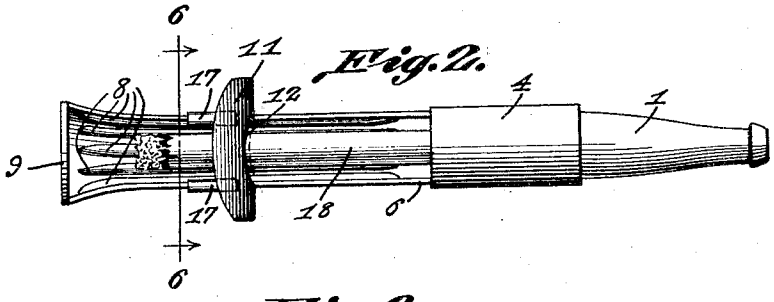


Fig. 3.

Fig. 8.

Fig. 4.

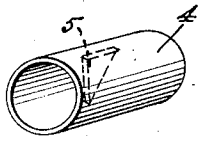


Fig. 5.

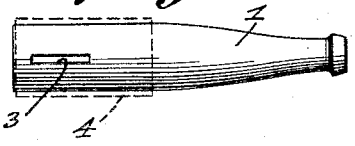


Fig. 6.

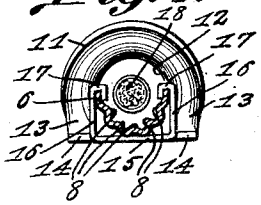
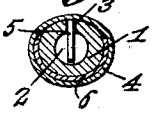


Fig. 7.



M. L. Farland, INVENTOR

BY Victor J. Evans & Co.

ATTORNEY

Patented Sept. 6, 1932 1,875,432

UNITED STATES PATENT OFFICE

MILES L. FARLAND, OF OAKLAND, CALIFORNIA

PIPE

Application filed December 8, 1931. Serial No. 579,803.

My present invention has reference to a smoker's implement, and among the objects of the invention is the provision of a trough for the holder of the cigar or cigarette in which the main body of the cigar or cigarette and the lighted end thereof are received, the said trough having an outer closed end, while there is mounted for slidable movement on the trough a shield in the nature of a smoke deflector which will prevent the smoke from a lighted cigar or cigarette contacting with the eyes of the user, and which with the closed end of the trough affords a tray for the ash of the lighted cigar or cigarette and further wherein means is provided for ejecting the butt end of a cigar or cigarette from the holder as well as means, provided by the base of the shield for holding the article elevated when laid upon a support as well as for preventing the device from tilting when so arranged on the support and thereby protect the support from the heated portion of the trough.

A further object of the invention is the provision of a smoker's implement of a simple and cheaply manufactured construction, which may be readily associated with the mouthpiece for a cigar or cigarette holder, which will receive the ashes from the lighted cigar or cigarette in a trough, prevent flying sparks from the said lighted end of the cigar or cigarette in any direction, which will direct the smoke away from the holder and consequently away from the eyes of the smoker and likewise prevent the falling of ashes from the trough of the improvement and whereby a cigar or cigarette may be smoked in comfort by drivers or occupants of automobiles, in a household without endangering the clothes of the person or articles of furniture from damage by lighted sparks or by falling ashes and which also may be set down without spilling the ashes or scorching the surface upon which the device rests when the user makes either personal or business calls.

To the attainment of the foregoing the invention consists in the improvement hereinafter described and definitely claimed.

In the drawing:

Figure 1 is an approximately central longitudinal sectional view through the improvement.

Figure 2 is a top plan view of the improvement.

Figure 3 is a plan view of the trough or tray.

Figure 4 is a perspective view of the sleeve.

Figure 5 is a plan view of the holder.

Figure 6 is a sectional view on the line 6—6 of Figure 2.

Figure 7 is a sectional view on the line 7—7 of Figure 1.

Figure 8 is a plan view of a trough provided with minute apertures between the center and adjacent ribs or flutes.

Preferably the improvement is constructed wholly of metal which is light in weight but which is strong. The cigar or cigarette holder, however, may be of wood if desired, and the combined length of the improvement when associated with the holder is only slightly in excess of the combined length of a cigar or cigarette when arranged in a holder. Thus the article is comparatively small in size and may be conveniently carried in the pocket of the user.

The holder is indicated in the drawing by the numeral 1 and its smoke bore communicates with the usual socket 2 for the butt end of the cigar or cigarette. In the present instance the holder is formed with a longitudinal slot or opening 3 that communicates with the socket 2 and there is arranged over the holder for normally closing the opening 3 a sleeve 4. The sleeve is provided with a depending finger 5 that passes through the slot 3 and enters the socket 2. The socket is arranged for longitudinal movement on the holder, and it will be apparent that by moving the sleeve outwardly the finger 5 will contact with the butt end of the cigar or cigarette to eject the same after the said cigar or cigarette has been sufficiently smoked. The construction, however, is such that even the butt end of the cigar or cigarette may be consumed.

As the holder 1 is designed to be sustained in horizontal position when in use and when resting upon a surface a portion thereof may

be properly referred to as the lower portion, and this lower portion is designed to have passed thereover, and if desired, secured thereto the inner and open end of a metal trough 6 which is concavo convex in cross section and which described one-half of a circle. The said inner and open end of the trough is formed with a lip 7 against which the rear end of the sleeve 4 contacts when the sleeve is moved inwardly over the holder. The sleeve has its lower side portions provided with a depression for the passage of the said rear end of the trough, and the outward movement of the sleeve over the holder 1 is limited by the contact of the finger 5 with the outer end wall provided by the slot 3 and may be likewise limited by the engagement of the said end of the sleeve with the longitudinal depressions provided between ribs or flutes 8 on the outer portion of the trough. The outer end of the trough is widened and is closed by an upstanding flange 9 which projects a suitable distance above the edges of the trough. If desired, and as disclosed by Figure 3 of the drawing the trough may have its bottom wall, to the opposite sides of its central rib or flute 8, formed with spaced minute apertures 10. These apertures are of such size to prevent the falling of ash from the cigarette or cigar therethrough but serve as air vents to insure the proper combustion of the cigar or cigarette.

The numeral 11 designates the upwardly rounded or arched body of a smoke deflecting plate or shield which is centrally provided with a round opening 12 which is arranged opposite the concaved face of the trough. The body plate 11 has depending sides 13 formed with inwardly extending flat flanges 14 and these flanges project a suitable distance beyond the body plate 11 and disposed below the trough. Inward of the flanges the bottom plate 15 for the deflector is provided with a pair of spaced upstanding arms 16 which are rounded to form the same with what I will term hooks 17 that receive therein the upper edges of the trough 6, and whereby the deflector may be moved longitudinally on the trough to arrange the deflector opposite the lighted end of a cigar or cigarette 18 as the cigar or cigarette is being consumed. This is accomplished by a pressure upon the base 15 by the user of the device. By reference to Figure 6 it will be noted that the base 15 of the smoke deflector is in contact with the central outstanding portions or ribs provided by the fluted trough 6.

The flutes 8 hold the cigar or cigarette above the bottom and away from the side walls of the trough. Ash dropped from the lighted cigar or cigarette will be received in the trough and prevented from movement therefrom by the end 9 of the trough and by the deflector shield 11. The flat base of the shield permits permits of the device resting and being held from tilting when arranged upon a horizontal support. The base of the deflector and the fluted bottom and sides of the trough retain these parts in cooled condition so that the device when resting on a support cannot inflict injury to such support. The deflector 11 not only prevents the smoke from the cigarette being directed toward the eyes of the user but also protects the user from lighted sparks which might otherwise fly from the cigar or cigarette when the device is being used in the open air. The improvement in reality converts a cigar or cigarette holder into a pipe as the lighted end of the cigar or cigarette is at all times confined in the trough between the upstanding and widened end 9 thereof and the deflector 11. With my device a cigar or cigarette may be smoked in perfect comfort either in closed or open places without subjecting the smoker to the nervous apprehension that ashes or lighted sparks falling from the cigar or cigarette will drop upon his wearing apparel, articles of furniture, etc., which would result in damage and possible conflagration as well as the fact that the deflector will prevent the smoke from being directed toward the user's eyes.

Having described the invention, I claim:

1. In an article for the purpose set forth, in combination with a cigar or cigarette holder having a slot communicating with the cigar or cigarette receiving socket therein, of a sleeve arranged for slidable movement over the holder and having a depending finger that passes through the opening and enters the socket, a trough having an open end received through the sleeve, fixed on the holder and having a flange to be contacted by the inner end of the sleeve when the sleeve is in one position, the upper end of the trough being closed and an arched smoke deflector mounted for slidable movement on the trough.

2. In an article for the purpose set forth, in combination with a holder having a socket for a cigar or cigarette, comprising a trough having an open end in which the holder is received, a slidable sleeve surrounding the said end of the trough and holder, said trough being concavo convex in cross section and being provided with longitudinally extending flutes and having its outer end widened and close, and the said closed end projecting beyond the top of the trough, and a smoke deflector comprising a body plate which is arched in the direction of the closed end of the trough and which is mounted for longitudinal movement on the trough.

3. In an article for the purpose set forth, in combination with a holder having a socket for a cigar or cigarette, comprising a trough having an open end in which the holder is received, a slidable sleeve surrounding the said end of the trough and holder, said trough

being concavo convex in cross section and being provided with longitudinally extending flutes and having its outer end widened and closed, and the said closed end projecting beyond the top of the trough, a smoke deflector comprising an arched body portion having a central opening therethrough and depending sides which are flanged, a flat base connecting said depending sides and in contact with the under face of the trough, said base having upstanding spaced arms that terminate in rounded hooks which are arranged over the upper edges of the trough, all as and for the purpose set forth.

In testimony whereof I affix my signature.

MILES L. FARLAND.