Jan. 15, 1957 L. R. FOSTER 2,777,449

SMOKER'S APPLIANCE

Filed Feb. 18, 1955

Fig. 1.

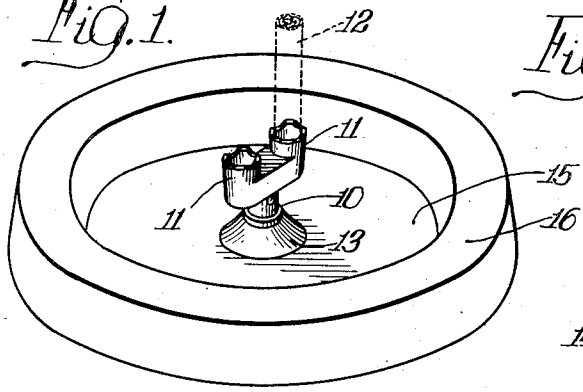


Fig. 3.

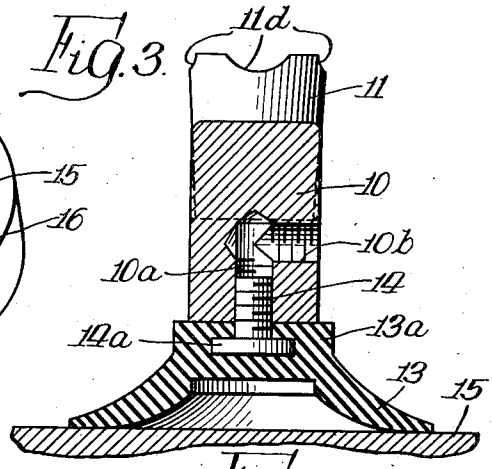


Fig. 2.

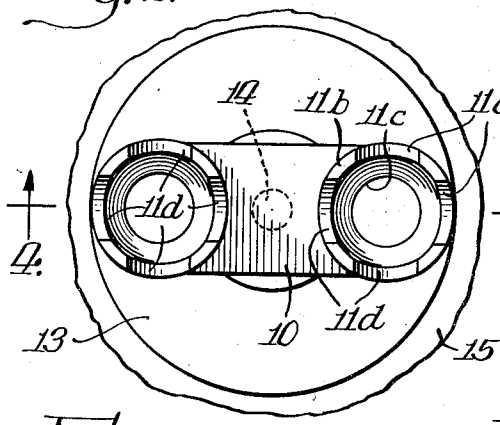


Fig. 5.

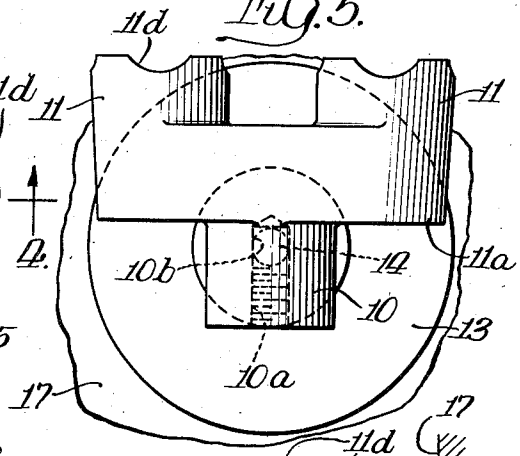


Fig. 4.

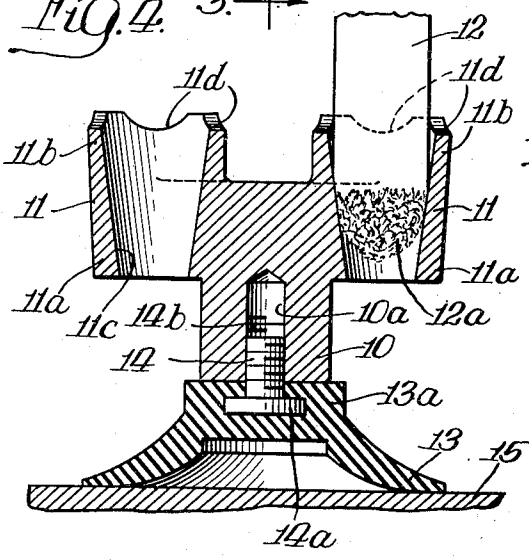
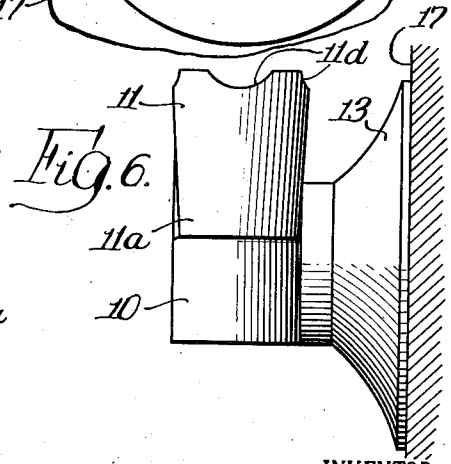


Fig. 6.



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Schroeder, Hofgren, Brady, & Wegner. Attys.

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SMOKER'S APPLIANCE

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Application February 18, 1955, Serial No. 489,117

2 Claims. (Cl. 131—256)

This invention relates to a smoker's appliance, and particularly to a cigarette extinguishing appliance.

It has long been known to provide a smoker's appliance having a substantially vertical opening into which the lighted end of a cigarette can be inserted in order to extinguish the cigarette. Although the appliance of this invention operates on this principle, it incorporates certain advantages of construction that make it more usable, versatile and better adapted to the needs of the average smoker than do prior appliances of this same general nature.

The smoker's appliance of this invention which may be used to extinguish cigarettes may be mounted on a generally horizontal or on a generally vertical surface as desired. Furthermore, the cigarette receiving portion of the appliance is preferably downwardly tapered in order to make intimate contact with and slightly compress the lighted end of the cigarette when it is inserted into this portion. Furthermore, this cigarette receiving portion or opening is preferably open at the bottom as well as the top so as to prevent cigarette ash from from obstructing this opening.

The cigarette receiving portion of the appliance also preferably has its edge shaped to include a plurality of concave portions for supporting a cigarette.

In the preferred construction the appliance includes a plurality of cigarette extinguishing members substantially symmetrically arranged around the appliance.

The smoker's appliance of this invention will be described as related to the embodiment shown in the accompanying drawings, wherein

Fig. 1 is a perspective view of a smoker's appliance embodying the invention, removably mounted in an ordinary ash tray.

Fig. 2 is a fragmentary plan view of the embodiment shown in Fig. 1.

Fig. 3 is a vertical sectional elevation, taken substantially along lone 3—3 of Fig. 2.

Fig. 4 is a vertical sectional elevation, taken substantially along line 4—4 of Fig. 2.

Fig. 5 is a side elevational view of the appliance adapted for mounting against a vertical surface.

Fig. 6 is an end elevational view of the appliance of Fig. 5.

The smoker's appliance of this invention comprises a base **10** and a pair of cigarette extinguishing members **11** attached thereto. The bases **11***a* of the members **11** are substantially even with the top of the base member **10** so as to describe an essentially T shape in cross section, as is illustrated in Fig. 4. The upper portions **11***b* of the cigarette extinguishing members extend upwardly above the top of the base member **10** and have the shape of upwardly extending tubes.

The cigarette receiving portion of each cigarette extinguishing member **11** has a generally tapered well **11***c* extending from top to bottom of the member **11** and tapering downwardly. The bottom end of this opening **11***c* is open and each opening **11***c* is adapted to receive a

cigarette **12** in the manner shown in Fig. 4. As shown here, the tapered well **11***c* compresses the lighted end **12***a* of the cigarette when this lighted end is inserted into the opening. Any loose ash on this end can drop through the open bottom of the well **11***c*. Because of this compressing of the lighted end of the cigarette, close contact is made with the walls of the cigarete extinguishing member **11** so as to conduct heat away from this lighted end with great efficiency and rapidity. Actual tests have shown that a cigarette will be extinguished in this manner in less than five seconds.

The top edge of each upper portion **11***b* of a cigarette extinguishing member **11** is provided with a plurality of concave portions **11***d*. These concave portions are preferably arranged in the manner shown in Fig. 2 so as to be paired in diametrically opposite pairs. One of these pairs on one cigarette extinguishing member **11** is preferably linearly aligned with another pair on the other member **11** so that the four concave portions **11***d* cooperate to support a cigarette placed horizontally across the tops of these members **11**. A pair of these concave portions are also preferably arranged diametrically opposite to each other transversely to the four aligned ones so that the two members **11** may also be used to support a pair of cigarettes arranged substantially parallel to each other.

In the embodiment shown, there is also provided a mounting member for releasably attaching the base member **10** to a surface. This mounting member includes a flexible suction cup **13** of ordinary construction including an upwardly extending threaded screw **14** having an enlarged head **14***a* embedded in the base **13***a* of the suction cup, with the threaded stem **14***b* of the screw extending therebeyond.

When the appliance is to be mounted on a substantially horizontal surface, the screw **14** is attached to a threaded first opening **10***a* in the base member **10** extending upwardly from the bottom surface thereof. When thusly arranged, the appliance may be removably attached to a substantially horizontal member **15** such as the bottom of an ordinary ash tray **16**.

The base member **10** of the appliance may be provided with a threaded second opening **10***b* which extends inwardly from a side surface of the base member. When the screw **14** is in engagement with this second opening **10***b*, the suction cup **13** is then mounted on the side of the appliance. The appliance may then be attached to an essentially vertical surface **17** in the manner illustrated in Figs. 5 and 6. The second opening **10***b* is located so that the pair of extinguishing members **11** are positioned about equal distances from the vertical surface **17**.

Having described my invention as related to the embodiments shown in the accompanying drawings, it is my intention that the invention be not limited by any of the details of description, but rather be construed broadly within its spirit and scope as set out in the accompanying claims.

I claim:

1. A smoker's appliance, comprising: a base member; and a plurality of upwardly extending tubular members on said base member having their top edges substantially coplanar and spaced above the base member, each tubular member being adapted to receive the lighted end of a cigarette for snuffing the same and said top edges having depresesd portions at least four of which being linearly aligned for cooperation in supporting a cigarette laid across said depressed portions.

2. A smoker's appliance, comprising: a base member; a plurality of upwardly extending tubular members on said base member having their top edges substantially coplanar and spaced above the base member, each tubular member being adapted to receive the lighted end of a

cigarette for snuffing the same, said top edges having depressed portions at least four of which are linearly aligned for cooperation in supporting a cigarette laid across said depressed portions; a mounting member for mounting the appliance on a support; and means for attaching the mounting member and the base member together in a selected one of a plurality of angularly arranged positions.

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