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R. LITSCHGI

2,199,205

ASH TRAY

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Fig. 1.

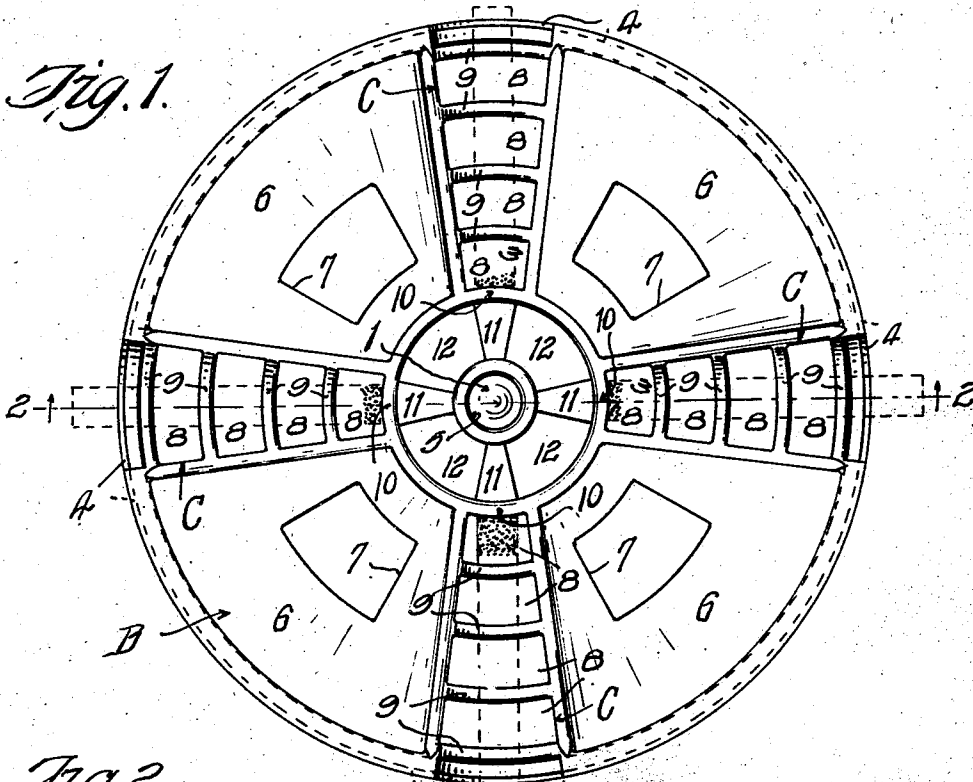


Fig. 2.

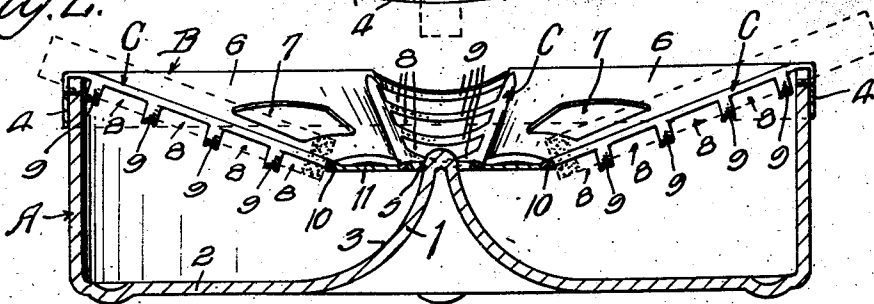
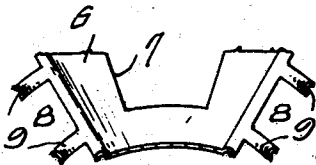


Fig. 3.

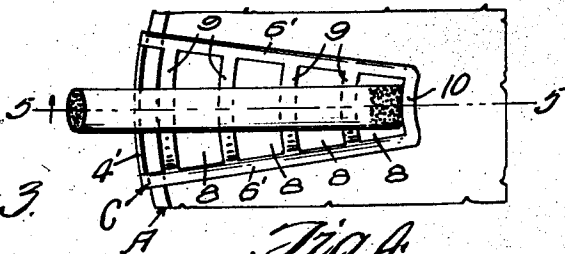


Fig. 4.

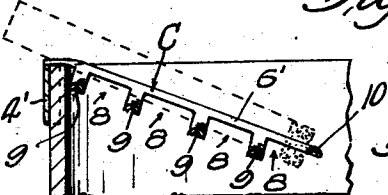


Fig. 5.

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ASH TRAY

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5 Claims. (Cl. 131—235)

This invention relates to ash trays, and, has for one of its objects, to provide, in a manner as hereinafter set forth, an ash tray of the covered type embodying a novel construction and arrangement for accommodating cigarettes and cigars, when not being smoked, the ashes therefrom, and the stubs thereof.

Another object of the invention is to provide an ash tray of the aforementioned character, wherein the cover thereof is of novel form for supporting cigarettes and cigars in inclined positions, so that when lighted cigarettes or cigars are laid thereon, the wrappers thereof will not become moist and wet by contact with the rest portions of the cover.

Another object of the invention is to provide an ash tray, wherein the cover thereof is formed to provide a plurality of inclined ventilated grids having concaved upper faces for cigarettes and cigars to rest upon and having integral abutments against which the lighted ends of cigarettes or cigars are adapted to rest.

All of the foregoing and still further objects of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawing, wherein like characters of reference designate corresponding parts throughout the several views, and wherein—

Fig. 1 is a top plan view of a device embodying the features of my invention.

Fig. 2 is a sectional view taken on line 2—2 of Fig. 1.

Fig. 3 is a fragmentary view of the upwardly curved portion of the cover of the ash tray.

Fig. 4 is a plan view of a modification of the invention.

Fig. 5 is a sectional view taken on line 5—5 of Fig. 4.

Referring now to the drawing, the reference character A designates a suitable open top receptacle made from any suitable material. The receptacle A can be provided with a central snuffer member 1 projecting upwardly from the bottom 2 of the receptacle. The snuffer member 1 in its preferred form, is cone shaped in structure with the side wall surface thereof suitably curved, as at 3 and merging with the upper surface of the bottom 2 so that ashes, or stubs deposited in the receptacle adjacent the snuffer member will follow the curvature of the surface of the snuffer member to the bottom of the receptacle to keep same from piling up in the center of the receptacle. However, it will be

manifest, that the snuffer member 1 can be eliminated, if so desired.

A sheet metal, plate-like, cover member, designated generally as B, is so formed as to be removably fitted to cover the open top of the receptacle A, and the cover member B includes a top portion, and a skirt portion, the skirt portion being designated 4.

The top portion of the plate-like cover B is provided with an opening 5, and the opening is disposed at a lower elevation than the juncture of the top portion with the skirt 4 so that the top portion will be inclined.

As illustrated in one embodiment of the receptacle B, the top portion thereof is formed to provide a plurality of spaced metal cover sections 6, each preferably, although not necessarily provided with a cigarette or cigar stub deposit opening 7 and a plurality of spaced grid sections designated, generally, as C. The size and shape of the cover openings 7 may be only large enough for the passage of cigar stubs therethrough, or they may occupy the spaces between the grids C.

The grid sections C, due to their structure, are vertically ventilated sections and serve as supports for cigarettes, or cigars to rest upon, when not being smoked.

The grid and non-grid portions C and 6, respectively, of the top portion of the cover B, are alternately arranged, as shown in Fig. 1, and the upper surfaces of the non-grid portions are preferably, although not necessarily convexed.

The grid portions C may be of various shapes as to design, but in the preferred embodiment thereof, as shown, the side edges of grid portions C converge toward the center portion of the cover B. The grid portions C, as illustrated in one embodiment thereof, are formed of alternate spaces or openings 8 and connecting pieces, or bars 9, with the spaces 8 relatively larger in area than the connecting pieces or bars 9. Certain of the bars 9 are preferably concaved-convexed so that the upper faces of the bars will be curved longitudinally. The inner or lowermost bars are straight, or curved upwardly, if necessary, to serve as stops 10 for the lighted ends of cigarettes or cigars to rest against when lying on the cross-bars 9 forming the grids C. The upper edge of the skirt 4 adjacent the upper or outermost cross bars 9 is preferably, although not necessarily concaved to correspond to the curvature of the upper surfaces of the grid portions C.

The top portion of the cover B, in one embodiment thereof, besides being provided with

a central opening 5 for the passage upwardly of the snuffer member 1, is preferably, although not necessarily provided with a series of arms 11 surrounding the central opening 5 to provide a series of openings 12 surrounding the central opening 5, through which ashes, cigarette or cigar stubs can pass for deposit in the receptacle A.

Ashes from cigarettes, or cigars can be readily brushed or tapped from the ends thereof by rubbing or tapping the lighted ends thereof over or against the spaced grid bar 9 and the ashes will fall through the grid spaces 8 into the receptacle chamber below.

In a simplified embodiment of the invention, or modified form thereof, the grid portions C can be individual units, as illustrated in the drawing, and the unit consists of the side pieces 6', the cross bars 9, the stop 10 and the segmental skirt flange 4'. In this instance, the device can be supported by the upper edge of the wall of an ash receptacle, by slipping the wall into the space between the segmental skirt flange 4' and the outermost cross bar 9 of the grid like cigarette or cigar holder or rest. Where I have shown but one way of supporting an individual grid C to the wall of an ash receptacle, it is apparent that other ways known to the art can be employed to clamp the grid in position.

The many advantages of the herein described invention will readily suggest themselves to those skilled in the art to which it appertains.

What I claim is:

1. A cover for smokers' open top ash receptacles comprising a plate like member including an inclined top portion having a central opening and a depending skirt flange at the outer edge of the plate like member, said inclined top portion being divided into alternate grid portions and plate portions, the grid portions being formed by alternate cross-bars and open spaces therebetween, there being stops formed at the inner ends of the grid portions, the plate portions each having an opening therein and said plate portions being convexed-concaved upwardly to cause a cigarette or cigar placed thereupon to roll toward and onto the grid portions.

2. A cover for open top ash receptacles comprising a sheet metal plate-like member having a central opening and a skirt flange, a plurality of spaced openings surrounding the central opening, said plate-like member being formed to provide alternate grid portions and plate portions therebetween, the grid portions being formed by

alternate bars, and open spaces therebetween, the grid bars being concaved convexed inwardly, the grid portions being inclined, the plate portions being convexed concaved outwardly and each provided with an opening therethrough.

3. A cigarette or cigar holder for open top ash receptacles including a sheet metal plate having a dished portion, a skirt flange therefor, said dished portion being characterized by a plurality of inclined grid portions, a plate portion having an opening between each grid portion, and said plate portions being curved upwardly from the side edges of the grid portions.

4. In a device of the character described having, in combination, an ash receptacle having an open top, a snuffer member projecting upwardly centrally from the bottom of the receptacle, the side wall surface of the snuffer member being inwardly curved and merging with the upper surface of the bottom of the receptacle, a cover plate for the receptacle including an inclined top portion having a central opening and provided with a skirt flange to be removably fitted to the open top of the receptacle with the snuffer member projecting through the said central opening, said cover plate including alternate circumferentially disposed grid portions and plate portions, the grid portions being formed by alternate cross-bars and open spaces therebetween, means formed at the inner ends of the grid portions against which the lighted ends of cigarettes or cigars are adapted to rest when placed on the grid portions, and said plate portions each being upwardly curved and having an opening therethrough for the passage of cigarette or cigar butts into the ash receptacle.

5. An ash tray having, in combination, a receptacle having a side wall and an open top, an upright snuffer post formed integral with the bottom of the receptacle, a removable cover plate mountable upon the wall of the receptacle serving as a top closure for the open top receptacle and having a central opening through which the upper end of the snuffer can project, said cover plate having a plurality of openings surrounding the central opening, said plate being formed to provide a plurality of circumferentially arranged inclined grid portions formed by alternate downwardly curved cross-bars and open spaces therebetween, there being converging beads bordering the side edges of the grid portions and the cover plate portions between the grid portions being curved upwardly.

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