July 7, 1931. F. H. AXELL 1,812,850

SMOKER'S DEVICE

Filed Aug. 27, 1928

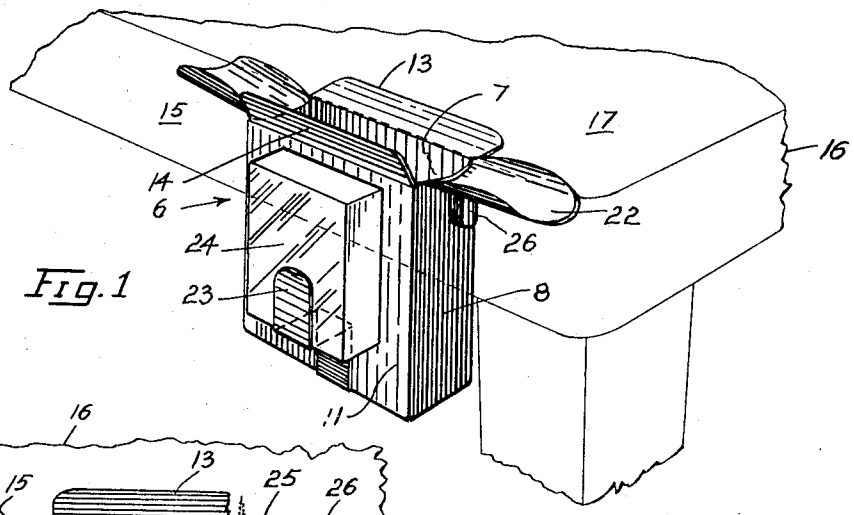


Fig. 1

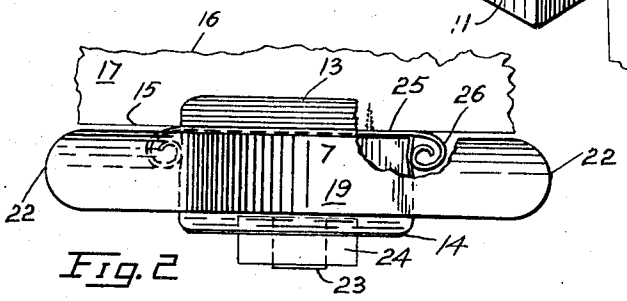


Fig. 2

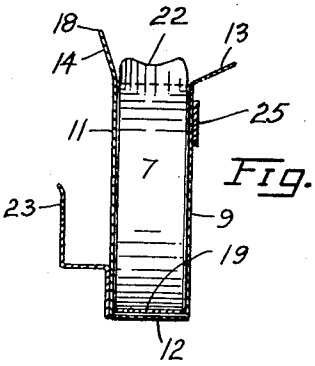


Fig. 4

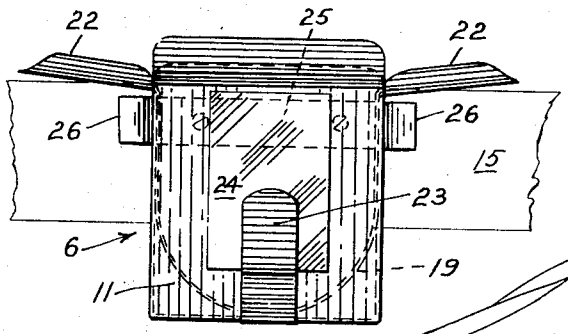


Fig. 3

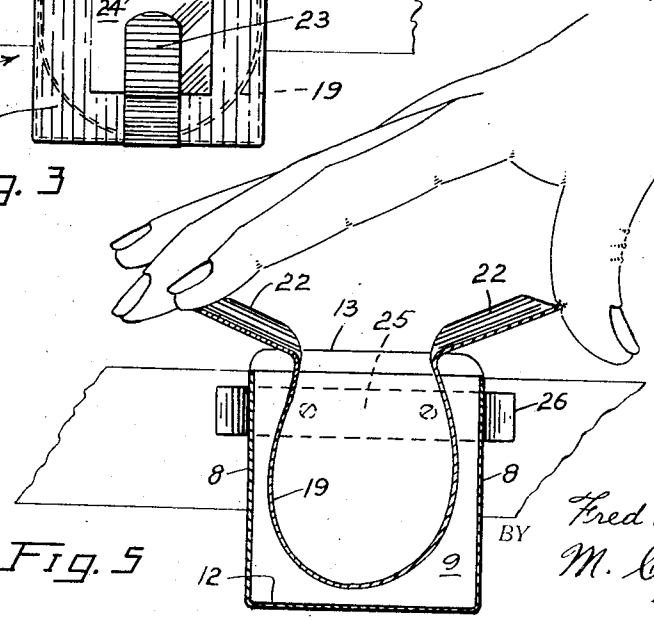


Fig. 5

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UNITED STATES PATENT OFFICE

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SMOKER'S DEVICE

Application filed August 27, 1928. Serial No. 302,213.

The invention relates to a unitary smoker's device arranged for removable mounting at a surface of a table or other structure and providing an ash receptacle, a cigar rest, and a match box holder as parts of a unitary structure.

An object of the invention is to provide a device of the class described with a particularly simple and effective means by which the larger particles of smokers' refuse may be removed therefrom without dismounting the device as a whole.

Another object of the invention is to provide a device of the character described which provides a means for removing and automatically entrapping the ashes of a lighted cigar or cigarette.

A further object of the invention is to provide a simple and effective means for attaching the device to a surface for a ready and quick release therefrom.

A further object of the invention is the provision of a device of the character described having its members removably and resiliently supported to one another, so that the members may be retained together as a unit when the invention, when not in use and for disposal, is applied to the underside of a card table top.

Yet another object of the invention is to provide a device of the character described which is of a particularly simple structure and may be manufactured at a minimum cost.

The invention possesses other objects and features of advantage, some of which, with the foregoing, will be set forth in the following description of a preferred form of the invention which is illustrated in the drawings accompanying and forming part of the specification. It is to be understood, however, that variations in the showing made by the said drawings and description may be adopted within the scope of the invention as set forth in the claims.

Referring to said drawings:

Figure 1 is a perspective view showing the device mounted at a corner table edge.

Figure 2 is a plan view of the installation, a portion of the structure of the device being broken away to clarify certain parts thereof.

Figure 3 is a face view of the installation.

Figure 4 is a transverse vertical midsectional view of the device per se, the match box being removed.

Figure 5 is a longitudinal vertical midsectional view showing the manner of effecting the removal and insertion of a removable member of the device.

As particularly illustrated, the device of my invention comprises a receptacle 6 formed of sheet metal or other non-inflammable sheet material, and having its cavity 7 open only at the top. The cavity 7, it is noted, is defined between side walls 8, a back wall 9, a front wall 11 parallel to the back wall 9, and a bottom 12, the various walls being integrally connected along their abutting edges. Extending upwardly from the top edges of the back and front walls 9 and 11 respectively, are lip extensions 13 and 14, said extensions being here shown formed integral with their walls, and the lip 14 extending obliquely upwardly and forwardly from the wall 11.

It will now be noted that the receptacle 6 is arranged to be secured to and adjacent a surface; as shown, the receptacle is mounted opposite a corner edge face 15 of a stable top 16 with the mouth of its cavity level with the top surface 17 of the table. Under the latter circumstances, the extension 13 extends obliquely upwardly and rearwardly from its juncture with the rear wall 9 to overlie the table surface 17. In this manner, the extensions 13 and 14 cooperate to provide a widened mouth for the receptacle cavity. It will be noted that in the event that the receptacle is to be mounted in a lower position with respect to the top edge of the surface 15, part or all of the extension 13 would be disposed along said surface as a more or less coplanar continuation of the wall 9.

The top edge 18 of the lip 14, it is noted, is relatively thin and sharp, and is arranged to be utilized as a means for removing the ashes from a lighted cigar or cigarette. Preferably, a cigar or cigarette from which the ashes are to be removed would be applied to the edge 18 with the ashes overlying the extension 14 whereby they may be guided into the receptacle cavity as they fall. The flat

upper surfaces provided by the extensions 13 and 14, it will be noted, are also designed for use in extinguishing a cigar or cigarette by grinding the lighted end thereof thereagainst, the ashes freed under these circumstances being directed along the upper extension surfaces into the receptacle cavity.

It will now be noted that the ash receptacle described, besides receiving the ashes, is also arranged to be utilized as a depositary for cigarette and cigar butts and burnt matches, which articles of smokers' refuse are relatively bulky and would quickly fill the receptacle. Furthermore, the butts are usually more or less unpleasantly odorous, and their frequent removal is therefore desirable. Means are accordingly provided for removing at least the bulkier refuse from the receptacle without requiring a dismounting thereof, and as shown such means comprises a member 19 which provides a false bottom for the receptacle and is removable therefrom while the receptacle remains in its mounted position.

Preferably, and as shown, the member 19 is formed of a strip of resilient and non-inflammable material having its central portion generally U-shaped and arranged. when disposed in the receptacle, to resiliently engage the side walls 8 of the receptacle. The member 19 is substantially as wide as the space between the back and front walls 9 and 11 whereby the lower portion thereof provides a false bottom for the receptacle. The end portions 22 of the member 19 extend generally oppositely from the central portion and are preferably trough-shaped as shown, to provide rests for cigars or cigarettes. To prepare the member 19 for removal or insertion, it is merely necessary to engage the free ends of the rests between the thumb and a finger and displace the rests toward each other to deform the member in the manner indicated in Figure 5. In this manner, the member 19 is arranged, by its resilient character, to be positively and firmly held in its operative position in the receptacle, and yet may be readily rendered removable without disturbing the mounting of the receptacle, such retention of the member 19 being particularly desirable during a movement of the device from place to place and during a storage thereof.

It will now be noted that the receptacle and false bottom member are formed of relatively thin material whereby the cost and weight of the same is minimized. Furthermore, a clip 23 is preferably provided on the front wall for receiving and holding a match box 24. It will now be evident that the complete device provides for all the ordinary needs of the smoker in a single compact unit, and that such unit may be mounted, for instance, at the edge of a card table for maximum accessibility to the smoker.

The preferred disposal of the device is that shown, namely, at a vertical supporting surface whereby it would be generally least prominent or in the way. Means are provided for mounting the unit in such position, a preferred means being shown. As disclosed, a clip member 25 is provided, said member being secured intermediate its ends to the table edge and against the surface 15 thereof. The member 25, it is noted, it disposed horizontally along the surface 15, and is provided with outwardly turned end portions 26. The material of the member 25 is somewhat resilient and the ends 26 are normally spaced apart a less distance than the width of the receptacle between the side walls 8 thereof whereby they must be slightly sprung apart to permit an engagement of the receptacle between them. The thinness of the receptacle walls, it will be noted, permits a slight inward springing of the walls 8 at the clip ends 26 whereby said clip ends and walls cooperate for holding the receptacle fixedly and removably mounted adjacent a supporting surface.

It will be clear that a number of the clips 25 might be provided around a table for the reception of the receptacles described, or that clips might be mounted at different points about a dwelling or office for the reception of a receptacle 6 which might be selectively disposed in any of them for availability to the user at the selected point. Furthermore, in the case of folding card tables or the like which would be stored between different occasions of use thereof, a holding means such as the clip 25 is desired provided on the under side of the table for receiving the receptacles for use with that table whereby the receptacles may be stored therewith, the provision of means for positively retaining the member 19 in the receptacle, as by means of its resiliency, being particularly necessary under these circumstances.

I claim:

1. In a device of the character described, means providing an ash receptacle having pairs of opposed sides, and a unitary member formed of a strip of resilient material and having an intermediate portion thereof generally U-shaped and arranged to be resiliently engaged with and between a pair of opposite sides of the receptacle to provide a false bottom therefor, said member having end portions providing cigar rests arranged to overlie and extend outwardly from the top edges of said receptacle sides.

2. In a device of the characted described, means providing a rectangular ash receptacle, a unitary member having an intermediate portion disposable in the receptacle to provide a false bottom therefor and end portions providing cigar rests arranged to overlie and extend outwardly from the top edges of a pair of the receptacle sides, and lips extending

from the top edges of the other pair of receptacle sides, said lips and rests cooperating to define an enlarged mouth for the receptacle.

3. In a device of the character described, means providing an ash receptacle, a unitary member providing a false bottom for said receptacle and having a portion thereof to extend over a receptacle rim portion, and a lip extending integrally from another recepatcle rim portion and cooperating with said extending portion of said member and the remainder of the rim to define an enlarged mouth for the receptacle.

In testimony whereof, I affix my signature.

FRED H. AXELL.