May 12, 1953 I. LUNDSTROM 2,638,240

CIGARETTE STUB AND ASH RECEPTACLE

Filed Feb. 3, 1950

2 Sheets-Sheet 1

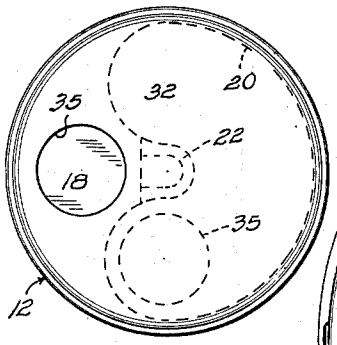


Fig. 1.

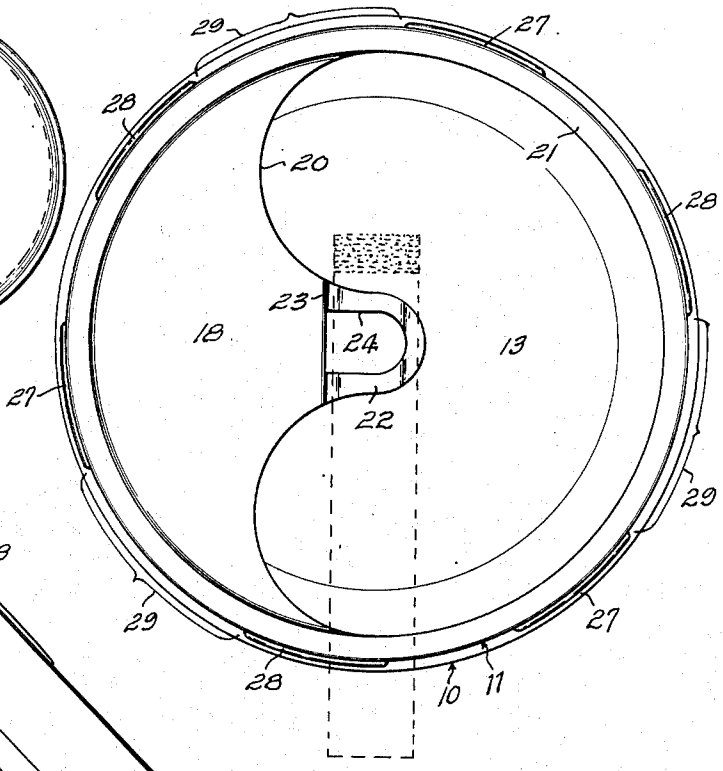


Fig. 2.

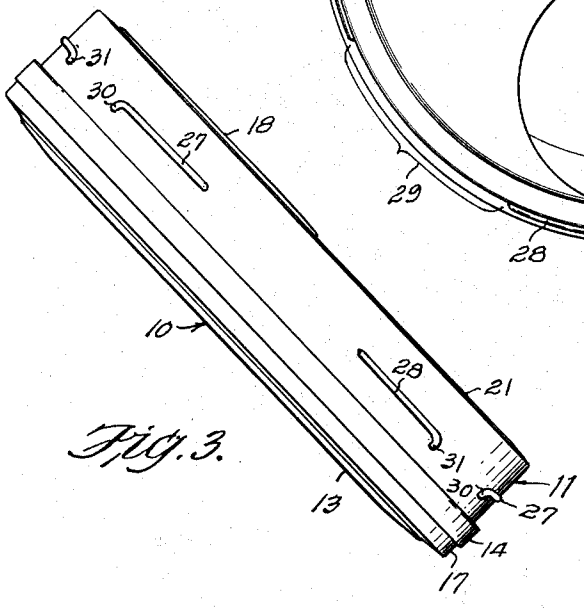


Fig. 3.

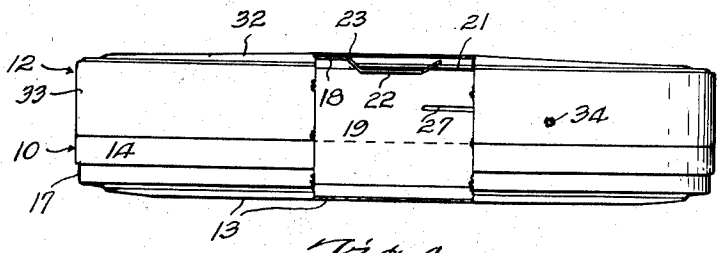


Fig. 4.

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CIGARETTE STUB AND ASH RECEPTACLE

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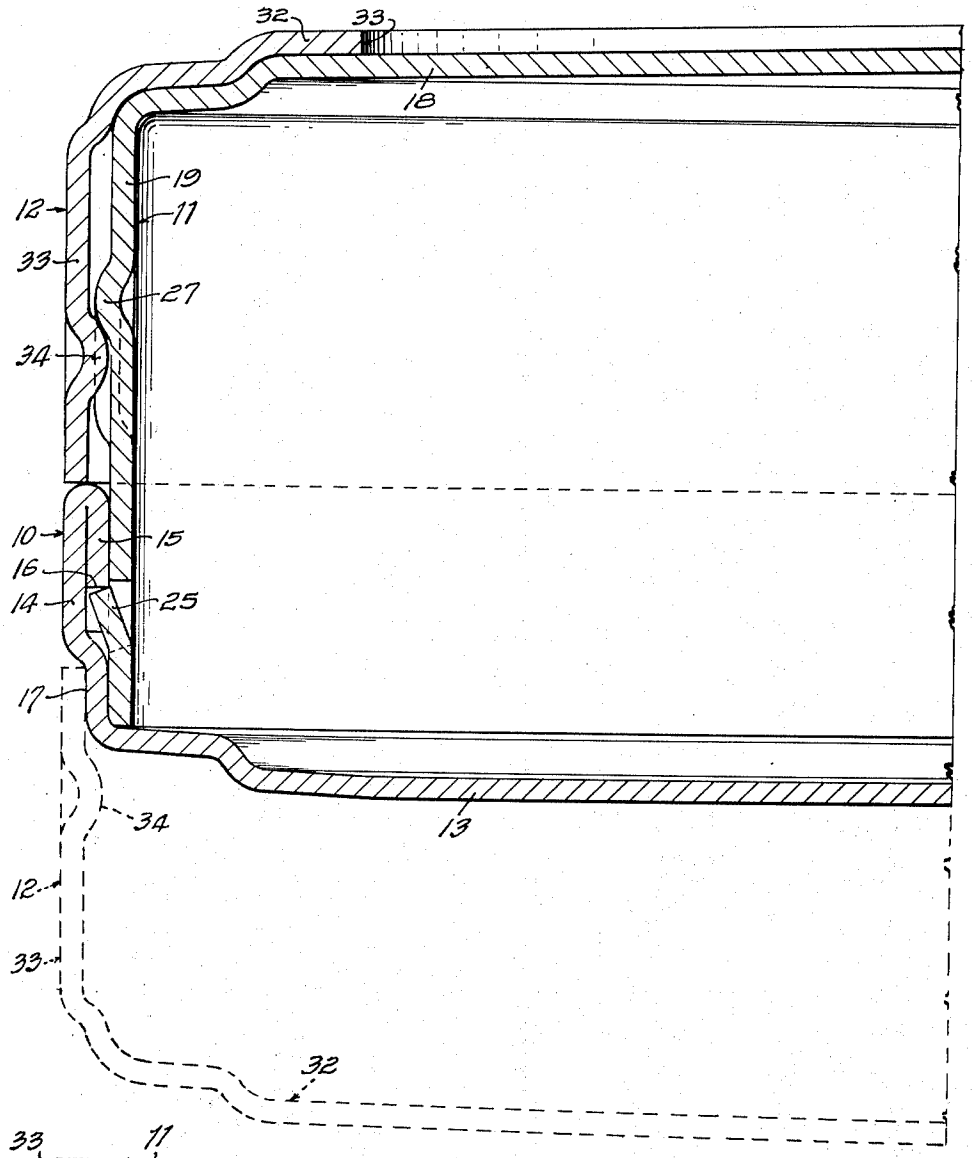


Fig. 5.

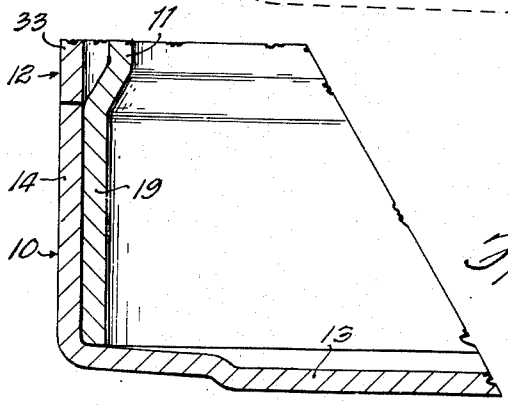


Fig. 6.

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CIGARETTE STUB AND ASH RECEPTACLE

Ida Lundstrom, St. Louis, Mo.

Application February 3, 1950, Serial No. 142,155

1 Claim. (Cl. 220—4)

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My invention relates to a new and novel cigarette stub and ash receptacle.

The primary object of the invention is to provide a cigarette stub and ash receptacle, or compact, that may fit perfectly and be conveniently carried in a lady's purse, or handbag, and in a gentleman's garment pocket.

An important object of the invention resides in the provision of a receptacle, or compact that will quickly smother a lighted cigarette butt when deposited therein, and will prove leak-proof as to ashes when carried in a lady's purse, or garment pocket.

Another object of the invention is to provide a device of purse and garment pocket size for increased safety and facility for quickly extinguishing burning cigarette butts.

A futher object of the invention resides in providing a separable device of the character which may be used, when separated, as an open top ash tray to set on a table, or when assembled may be supported in the palm of the hand, or set on a table.

A further object of the invention is to provide a device which may be quickly and conveniently separated for dumping the contents thereof and cleaning.

Other objects and advantages of the invention will be apparent during the course of the following description.

In the accompanying drawings, forming a part of this application, like characters of reference are employed to designate like parts throughout the same.

Referring to the drawings:

Fig. 1 is a top plan view of a pocket, purse and table ash tray embodying the features of my invention, and shown substantially full size.

Fig. 2 is a top plan view of the receptacle illustrated with the top closure thereof removed.

Fig. 3 is a side elevation of Fig. 2.

Fig. 4 is a view of the invention shown partly in side elevation and partly in sectional elevation.

Fig. 5 is an enlarged sectional elevation of the invention showing the means for locking the removable top closure to the insert member, and the means for locking the insert member to the base.

Fig. 6 is a modified form of the means for locking the insert member to the base.

In the drawings, wherein for the purpose of illustration, is shown a preferred embodiment of my invention, the numeral 10 designates, generally, a receptacle in the form of a compact base section. The numeral 11 designates, generally, an insert section, and, the numeral 12 designates, generally, a top, or cover section.

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The compact base section, which acts primarily as a receptacle to receive cigarette butts, ashes and burnt matches, includes a circular bottom head 13 having its edge upturned to provide a side wall, or flange 14. The upper edge of the flange 14 terminates in an inwardly and downwardly bent, or folded over flange portion 15 lying in contact with the inner face of the upper end portion of the flange 14 to provide the upper end portion of the flange 14 with a double wall thickness, as clearly shown in Fig. 5, instead of a single wall thickness as in the modification shown in Fig. 6. The lower edge of the inner flange portion 15 may be provided with one, or more recesses 16, the use of which will be apparent hereinafter. The lower end portion of the flange 14 shown in Fig. 5 is offset inwardly, as at 17, with which the cover section 12 may have a slip fit connection, if so desired, the reason for which will be apparent hereinafter. It will be noted that the flange 14 in Fig. 6 is straight. The head 13 in both Figures 5 and 6 may be flat instead of dished, as shown, and is not believed necessary to illustrate.

The insert section 11 of the compact includes a circular top head 18 having its edge downturned to provide a skirt 19 having a tight fit with the inner face of the side wall 14 and flange portion 15 thereof. The head 18 has a portion thereof cut away to provide a kidney shaped opening 20 and an inwardly projecting marginal flange 21 for the outer edge portion of the opening 20, as clearly shown in Fig. 2. The head 18 is dished upwardly and projecting from the head is a cigarette rest 22 arranged centrally of the insert section. The cigarette rest is preferably downwardly dished with one end thereof integral with the edge 23 of the head 18. The rest 22 may be provided with an opening 24 to allow ventilation through the rest to prevent the inner end of a cigarette resting thereon from sweating. The other end of the cigarette may rest on the flange portion 21 of the insert member. The lower edge portion of the skirt 19 may be provided with one, or more resilient fingers 25 directed upwardly and outwardly to engage in a recess, or recesses 26 at the lower edge of the skirt 19 to prevent rotation of the insert relative to the base section 10.

The numerals 27 and 28 designate slightly inclined ribs formed outwardly on the skirt 19. Preferably, although not necessarily, there are three sets of the ribs spaced equally around the circumference of the skirt 19, as clearly shown in Fig. 2. As shown in Fig. 3, each set of ribs have their inner ends suitably spaced apart to provide

a space, or gap 29 therebetween. The outer ends of the ribs 27 and 28 extend downwardly, as at 30 and 31, respectively, to provide stops, as will be clearly apparent hereinafter.

The cover section 12 includes a circular head 32 dished outwardly to correspond to the shape of the insert top head 18 and includes a skirt 33 at the edge of the head 32. The cover is adapted to have a rotary slip fit with the insert section 11 when telescoped therewith. The skirt 33 of the cover section 12 is provided with equally spaced inwardly projecting protuberances 34 arranged to frictionally engage either of the lower edges of the ribs 27 and 28 depending on the position of the cover 12 relative to the base 10 for holding the cover 12 on the insert member 11 and against upward displacement relative to the insert member, except when the protuberances are in the spaces, or gaps between the inner ends of the ribs 27 and 28, at which position of the cover, the cover may be removed from the insert member.

The head 32 of the cover is provided with an eccentrically arranged opening 35 of predetermined diameter. When the protuberances 34 engage the lower edges of the ribs 27 adjacent the stops 30, the opening 35 lies over the insert head 18, and in this position the cover is closed. When the protuberances 34 engage the lower edges of the ribs 28 adjacent the stops 31, the opening 35 in the cover head 18 lies over the open side of the kidney shaped opening 20 and when in this position, through rotary movement of the cover, the cover is in open position so that cigarette stubs, ashes and burnt matches may be inserted through the openings 35 and 20 and deposited in the receptacle, or base section 10. When the cover is closed after depositing a burning cigarette stub, the same is quickly smothered and goes out as the chamber of the receptacle, or compact is substantially air tight. After the cover is closed, cigarette stubs and ashes cannot fall out even if the compact is turned upside down.

When the cover is removed from the insert member 11, the article may be used as an open ash tray and a cigarette may be held by the rest and the flange of the insert section 11.

When the article has the cover mounted on the insert member, the article may be held in the palm of the hand, when smoking, with the cover open, and when the cover is closed, the article may be safely and conveniently carried in a purse, handbag, or in a garment pocket without danger of fire. It is a safety factor, obviously, since there is no possibility for burning cigarette stubs to fall out of the receptacle on inflammable material. It is also a safety factor in wooded areas, thereby preventing forest fires if used in such areas.

The article is neat and attractive in appearance, easy to use, light in weight and very highly efficient for the purpose intended and will appeal to all smokers who wish to be careful when smoking cigarettes. It adds to smoking pleasure in an improved, clean and novel manner, as cigarette stubs are extinguished quickly and most conveniently, thereby eliminating the need for grinding and tamping as is customary in an unsightly open ash tray. The ashes are easy to clean out as they are not rubbed into the tray.

Individual ash receptacles as herein described are easy to carry with one anywhere, and ready for use when ash trays are not to be had without asking for one.

The many advantages of the article will readily suggest themselves to any cigarette smoker as handy to use in bars, on trains, in offices and in homes, as well as outdoors.

It is to be understood that the form of my invention, herein shown and described, is to be taken as a preferred example of the same, and that various changes in shape, size, styling and arrangement of parts may be resorted to without departing from the spirit of my invention, or the scope of the appended claim.

What I claim is:

A cigarette stub and ash receptacle designed to be carried in a lady's purse or gentleman's garment pocket having a shallow base section having a circular bottom head terminating at its edge in an upstanding wall having its upper end portion folded over to provide an internal annular shoulder, an insert section having a circular top head terminating at its edge in a skirt, means on said skirt adapted to engage the internal annular shoulder to lock the insert section and the base section together, outwardly projecting downwardly diverging friction ribs spaced in pairs on and around the skirt and integral therewith, said top head of the insert section having an opening therein having an area greater than half the area of the head, a cover section having a circular top head terminating in a skirt rotatably mounted on the insert section, a plurality of equally spaced inwardly projecting protuberances on the skirt of the cover section frictionally engageable with the friction ribs upon rotation of the cover in either direction of rotation, stops at opposite ends of each pair of friction ribs to limit rotary movement of the cover section when contacted by the inwardly projecting protuberances, and the head of the cover section having an eccentric opening adapted to lie over the head of the insert section when the receptacle is closed and to lie over the insert head opening when the receptacle is open to receive cigarette stubs and ashes.

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