July 27, 1926. 1,593,900

P. S. ERIKSON

ASH TRAY

Filed Nov. 12, 1923

Fig. 1

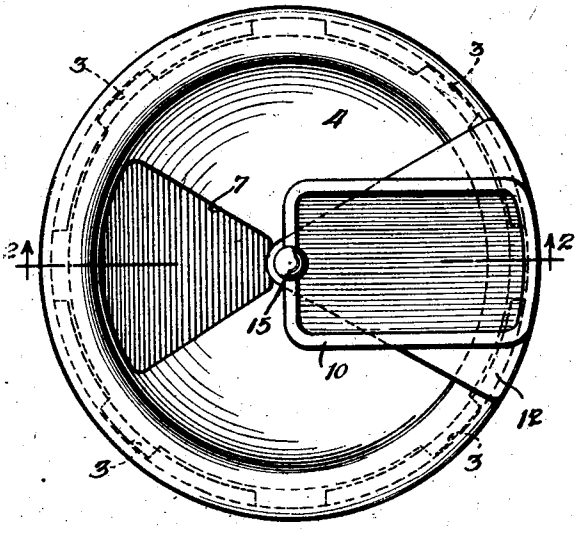


Fig. 5

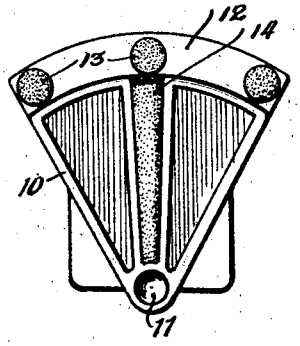


Fig. 2

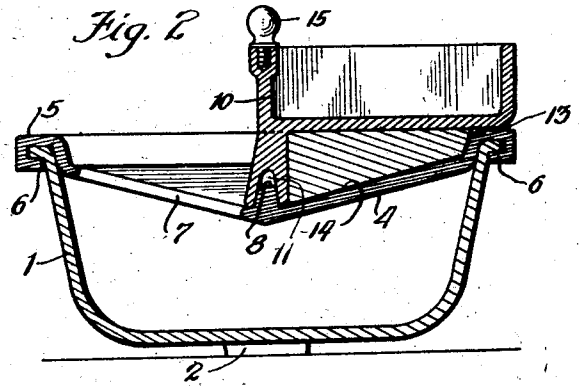


Fig. 3.

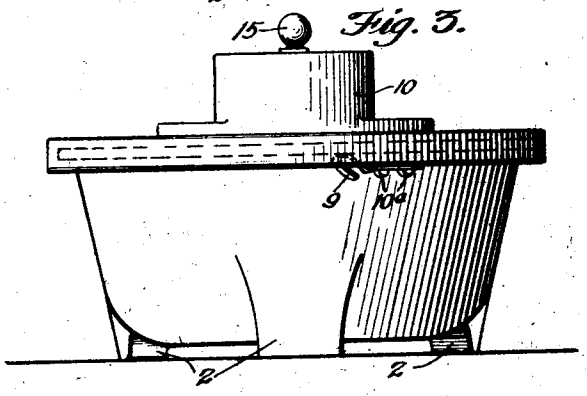
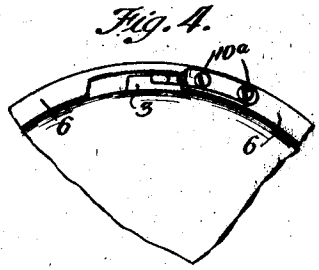


Fig. 4.



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UNITED STATES PATENT OFFICE.

PETER S. ERIKSON, OF CHICAGO, ILLINOIS.

ASH TRAY.

Application filed November 12, 1923. Serial No. 674,273.

This invention relates to improvements in ash trays and its principal object is to provide a device of this class that is sanitary in use, convenient and practical, of neat appearance, and that is designed to afford convenience to one or more persons without the possibility of offending the taste of the most fastidious.

Many ash trays that serve their purpose are objectionable because they expose the ashes, burned matches and smokers' refuse generally thus offending the sensibilities of the ladies and of non-smokers thus exciting uncomplimentary comment. This situation is definitely avoided through the use of the present tray.

The present invention consists in the combination and arrangement of parts to be hereinafter fully described, pointed out in the appended claims and illustrated in the accompanying drawing which forms a part of this application and in which—

Fig. 1 is a top plain view of the tray.

Fig. 2 is a section taken on line 2—2 of Fig. 1.

Fig. 3 is a view of the tray in elevation.

Fig. 4 is a fragmentary view, inverted, showing the latch employed to frictionally secure the cover and bowl members together.

Fig. 5 is an inverted plan view of the carriage.

Like reference characters denote corresponding parts throughout the several views.

The reference numeral 1 denotes the bowl of the tray, preferably round, and provided with feet 2, the upper edge of the bowl being formed with spaced laterally extending lugs 3. The bowl is provided with a removable cover 4 having a raised rim 5 of channel-like formation which is formed with a plurality of inwardly extending spaced lips 6 corresponding in number to the lugs 3 of the bowl and the spaces between adjacent lips being each slightly longer than one of said lugs, said cover 4 sloping inwardly toward its center and being formed with a perforation 7 that diverges outwardly from said center, a pivot post 8 rising from said center upon the top side of the cover.

A spring latch 9 is secured by screws 10^a, or other means, to one of the lips 6 with its free or hooked end disposed in the space between two of said lips. The space in which said latch projects is of greater length than any of the other spaces between any other two lips so that the cover may be applied to the bowl in such manner that one of the lugs 3 may enter this space in advance of the latch or between the latch end and the adjacent lip 6. By moving the cover in a direction toward the latch 9 the end thereof will ride upon the lug 3 while the remaining lugs of the cover will ride upon lips 6, as illustrated in Fig. 2, and the cover and bowl will be secured together. Turning the cover in the opposite direction until the lug 3 rides out of engagement with the latch will disengage the cover and bowl and said members may then be completely separated to permit cleaning, polishing, or for other purpose.

A carriage 10 comprising an oblong container for matches, or a match box, is provided; said carriage being provided upon its under side with a recess 11 adapted to receive the aforesaid pivot post 8 which serves as a pivot point for the carriage, said carriage being provided also with an arcuate runner 12 having felt feet 13 adapted to ride upon the rim 5, and with a sweeper-foot 14 adapted to ride upon the cover 4, a handle 15 for the carriage permitting manual rotation of the same.

In use the carriage is preferably so positioned that it covers the perforation 7 in the top. The smoker flicks or drops ashes from cigar or cigarette, or stubs and burned matches upon the top 4 when he rotates the carriage upon the top 4 until said carriage again seats upon the apertured portion 7. This carriage movement causes the sweeper-foot 14 to brush the refuse from the top into the bowl 1 through the top-perforation 7 and all smoke and fumes and ash are confined in the bowl out of sight and out of the path of possible air currents that otherwise might fan them about.

What is claimed is:—

1. In a device of the character described, a body portion having a chamber; a tray having an aperture in its bottom; and pivotally mounted means operative to push material over the bottom of said tray and over the aperture to fall therethrough into the chamber.

2. In a device of the character described, a body portion having a chamber; a tray having an aperture in its bottom; and movably mounted means operative to push material in said tray over the aperture to fall therethrough into the chamber, said movably mounted means having a portion mov-

able into a position to form a closure for said aperture and operative to form said closure upon movement of said means in the same direction necessary to push said material over the aperture.

3. In a device of the character described, a body portion having a chamber; a tray having an aperture in its bottom; and a rotatably mounted plate having a pushing portion extending at an angle and operative to push material in said tray over the aperture to fall into the chamber.

4. In a device of the character described, a body portion having a chamber; a tray having an aperture; and movably mounted means including a plate having a portion operative to push material in said tray over the aperture to fall into the chamber, said movably mounted means also including a portion movable into a position to form a closure for said aperture.

5. In a device of the character described, a body portion having a chamber; a tray having an aperture in its bottom; and movably mounted means including a plate having a portion operative to push material over the bottom of the tray and over the aperture to fall into the chamber, said movably mounted means including an actuating spindle provided with a finger engaging portion.

6. In a device of the character described, a body portion having a chamber open at its top; a tray having a downwardly slanting side-wall and a bottom positioned slightly below said side-wall and extending downwardly in said chamber, said bottom having an aperture; and pushing means movable over said bottom and operative to push material in said tray over the aperture to fall into the chamber.

In testimony that I claim the foregoing as my own I have hereto affixed my signature.

PETER S. ERIKSON.