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2,202,365

ASH TRAY

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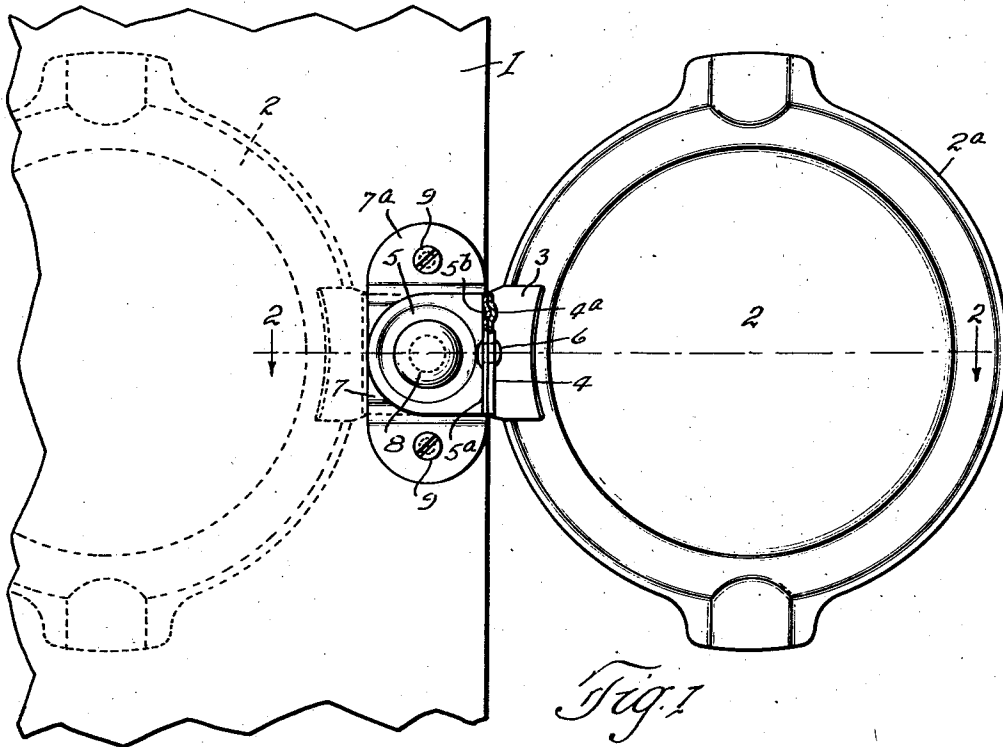


Fig. 1

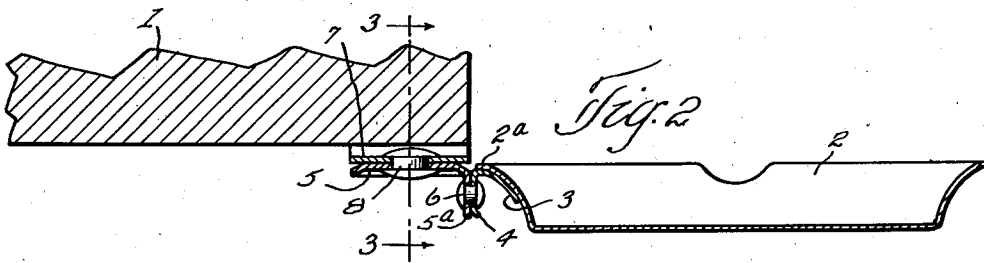


Fig. 2

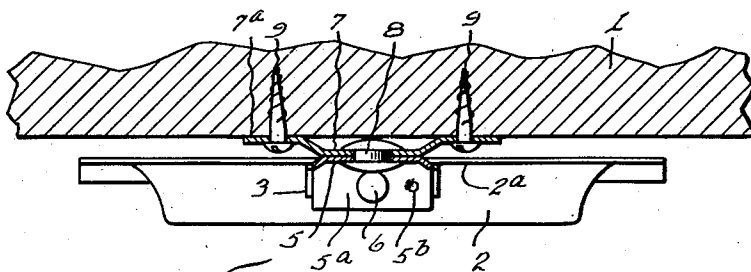


Fig. 3

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ASH TRAY

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2 Claims. (Cl. 248—311)

This invention relates to ash trays and has for its object to provide a construction which will enable a tray to be secured to a support, such as the edge of a table or the arm or back of a chair; to be swung beneath the support when not in use; and to be rotated with respect to said support in order to dump the contents thereof.

A further object of the invention is to provide an ash tray construction which is simple, compact, inexpensive, and which can be conveniently attached to a supporting object.

In the drawing illustrating the preferred embodiment of my invention, Fig. 1 is a bottom plan view of an ash tray, showing the same secured to the underside of a table, chair arm, or other support, the position of the tray when not in use being indicated in part by dot-and-dash lines; Fig. 2 a detail in section corresponding to the line 2—2 of Fig. 1; and Fig. 3 a detail in sectional elevation, the section being taken on the line 3—3 of Fig. 2.

Describing the various parts herein by reference characters, 1 denotes the support to which my ash tray is secured and 2 denotes the ash tray, which may be of any ordinary or standard construction. 3 denotes a metal plate, which is secured to one side of the tray, beneath the top of the outwardly flaring side 2^a thereof. This plate is provided with a downwardly extending lip 4, which is pivoted to a like downwardly extended lip 5^a carried by an angle bracket 5, the pivotal connection being shown at 6. The body or base of the bracket 5 extends beneath a metal mounting element 7 having its center depressed with respect to the ends 7^a and is pivotally connected to the depressed central portion of said element by a rivet 8. The ends 7^a constitute lugs or ears whereby the element 7 may be detachably secured to and beneath the support 1, as by means of the screws 9.

4^a and 5^b denote projections which are struck from the lips 4 and 5^a, respectively, the projection 5^b being adapted to enter the concave side of the projection 4^a, thereby to form a frictional means whereby the tray is ordinarily retained in a horizontal or receiving position.

With the parts constructed and arranged as described, it is believed that the operation will be readily understood. The tray may be swung about its pivot 8 into either the operative position shown in full lines in Fig. 1 or into the inoperative position beneath the support as shown by the broken lines at the left of Fig. 1. When it is desired to dump the contents of the tray, it can be swung about the pivot 6, and, after the contents shall have been emptied, it can be swung back into the operative or receiving position wherein it will ordinarily be retained by the cooperating frictional locking members 4^a and 5^b.

From the foregoing description, it will be evident that I have provided a simple, compact, economical, and efficient construction whereby the objects referred to hereinbefore may be accomplished.

Having thus described my invention, what I claim is:

1. The combination, with a shallow ash tray having a bottom and an upwardly and outwardly flaring side wall, of a supporting member secured to and beneath the side wall and beneath the top thereof and having a substantially vertical lip projecting downwardly therefrom with its lower end located above the bottom of said tray, an angle bracket comprising a base and a lip projecting at substantially right angles and downwardly from the said base, means pivotally connecting the said lips, the lower end of the lip of said angle bracket being also located above the bottom of the said tray, a mounting element having a central portion depressed below the plane of the ends thereof, the ends of the mounting element constituting means for attaching the said element beneath a support, and means pivotally connecting the base to the central portion of said mounting element.

2. In the combination recited in claim 1, frictional means carried by said lips for normally preventing the rotation of the tray about the first mentioned pivotal connecting means.

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