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C. R. BOLAND

1,813,837

ASH RECEIVER

Filed April 16, 1930

FIG. 1.

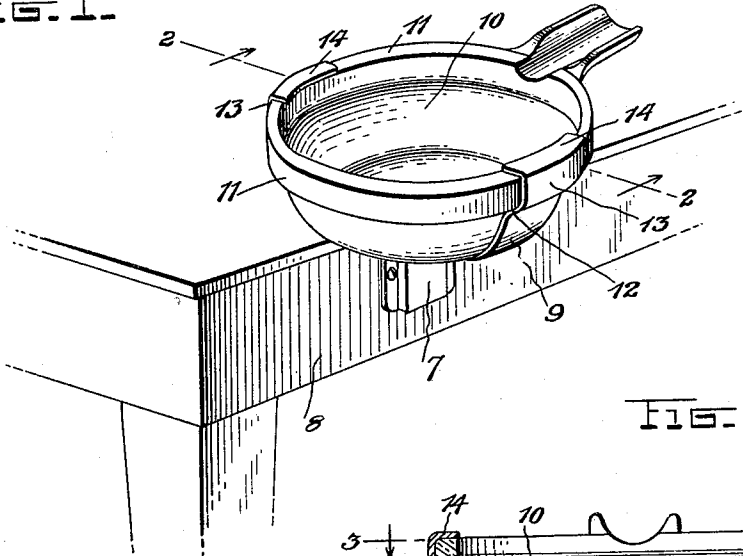


FIG. 2.

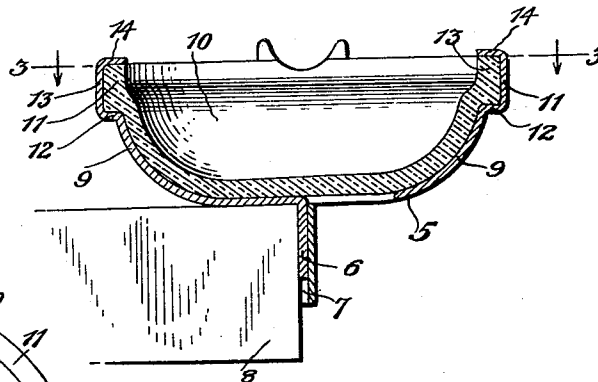


FIG. 3.

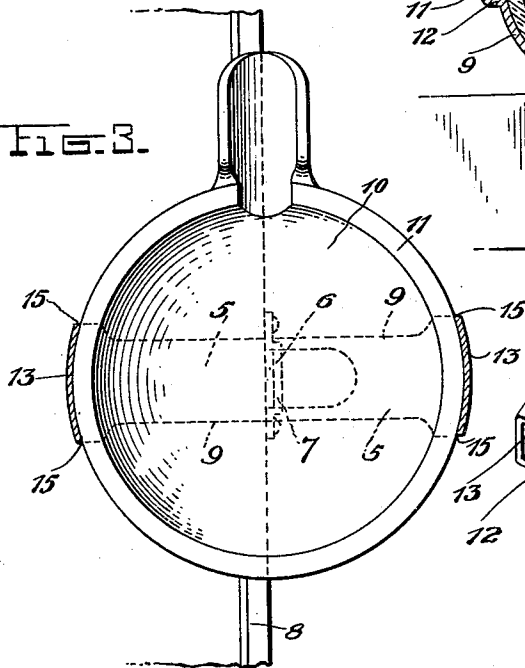
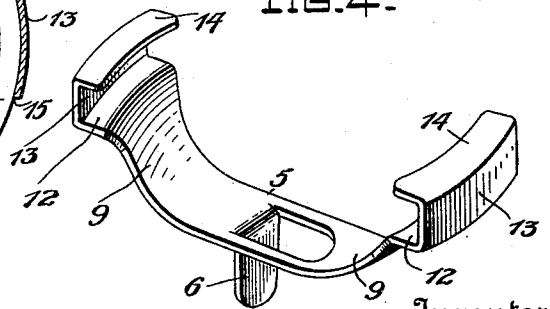


FIG. 4.



Witness

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ASH RECEIVER

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The invention aims to provide an improved ash receiver embodying a unique clip for yieldably holding a conventional ash tray in such manner that the latter may be readily removed from and re-engaged with the clip, said clip being designed primarily for mounting the tray at the edge of a card table.

Another object is to provide a tray-holding clip of exceptionally simple and inexpensive construction, yet one which will be highly effective for holding the tray against accidental removal.

With the foregoing in view, the invention resides in the novel subject matter herein-after described and claimed, description being accomplished by reference to the accompanying drawings.

Fig. 1 is a perspective view showing the complete ash receiver mounted upon a card table.

Fig. 2 is a vertical sectional view on line 2—2 of Fig. 1, the top of the card table being in elevation.

Fig. 3 is a horizontal sectional view on line 3—3 of Fig. 2.

Fig. 4 is a perspective view of the clip.

The preferred construction is herein illustrated and will be specifically described, with the understanding that within the scope of the invention as claimed, minor variations may be made.

In constructing the clip, I make use of a single resilient metal strip 5. From the central portion of this strip, I downwardly stamp a tongue 6 for reception in a socket 7 at the edge of a card table 8 or other desired support. The end portions 9 of the strip 5 are curved upwardly to provide a pair of arms for frictionally holding a conventional ash tray 10 which is provided with the usual thickened rim 11. The upper end portions of the arms 9 are preferably widened, said portions being bent horizontally outward at 12, then bent upwardly as at 13 and finally bent inwardly at 14. The formations 12—13—14, provide channels to snugly receive the tray rim 11, and these channels are longitudinally curved as shown, their curvature conforming to the circular out-

line of the tray rim 11. Thus, the portions 13 of the channels snugly engage the tray rim as seen in Fig. 3 and in order for the tray to be moved edgewise so that it will clear the ends 15 of the channels (Fig. 3), the arms 9 must yield outwardly. Hence, these arms effectively resist edgewise movement of the tray and consequently hold the latter effectively engaged with the clip. Nevertheless however, whenever it is desired to remove the tray, by applying sufficient force thereto, it may readily be disengaged from the clip. Re-engagement of tray and clip may be similarly effected by initially engaging the rim 11 with the channels of the clip and then forcing the tray edgewise until it is snugly seated in said channels. If desired, instead of removing the tray by moving it edgewise, one or the other of the spring arms may be sprung outwardly, and the tray angled and moved upwardly from the clip. Similarly, by a reversal by these operations, the tray may be inserted from the top.

When the contents of the tray are to be discharged, tray and clip may be bodily lifted if desired, the tongue 6 then withdrawing from the socket 7, but when washing the tray, it is preferably removed from the clip. Obviously, when the device is used on a card table, which is its primary application, one may be mounted at each corner if desired, or at any required number of the corners. It is preferable to secure one of the sockets 7 at or near each corner of the table and to provide four of the ash receivers, so that any or all of them may be engaged with the sockets and used.

It will be seen from the foregoing that the invention is of extreme simplicity and may therefore be manufactured and marketed at a minimum cost, yet that it will be efficient and desirable from all standpoints. Attention may again be invited to the fact that while the specific construction herein illustrated is preferably followed, variations may be made within the scope of the invention as claimed.

I claim:—

1. A holding clip for an ash tray, com-

prising a single resilient relatively thin and wide strip of sheet metal having a horizontal intermediate portion provided with means at its center for mounting it upon a support, the end portions of said strip being curved upwardly and alone providing thin wide longitudinally curved arms adapted to frictionally grip a tray, said arms being also curved transversely of their lengths to resist sliding of the tray from the clip and having their terminals bent inwardly to lie upon the upper edge of the tray.

2. A holding clip for an ash tray, comprising a single resilient relatively thin and wide strip of sheet metal having horizontal intermediate portion provided with means at its center for mounting it on a support, the end portions of said strip being curved upwardly and alone providing thin wide longitudinally curved arms adapted to frictionally grip a tray, the upper end portions of said arms being bent horizontally outward, then bent upwardly and finally bent horizontally inward to provide opposed inwardly facing horizontal channels elongated transversely of the clip and adapted to engage the rim of the tray, the ends of each channel being curved toward the opposed ends of the other channel to snugly engage the tray rim and resist movement of the tray longitudinally of said channels.

3. A holding clip for an ash tray, comprising a single resilient relatively thin and wide strip of sheet metal having a horizontal intermediate portion provided with a vertical downwardly stamped tongue at its center for engagement with a support, the end portions of said strip being curved upwardly and alone providing thin wide longitudinally curved arms adapted to frictionally grip a tray, the upper end portions of said arms being bent horizontally outward, then bent upwardly and finally bent horizontally inward to provide opposed inwardly facing horizontal channels elongated transversely of the clip and adapted to engage the rim of the tray, the ends of each channel being curved toward the opposed ends of the other channel to snugly engage the tray rim and resist movement of the tray longitudinally of said channels.

In testimony whereof I affix my signature.

CHARLES R. BOLAND.