April 18, 1933. J. S. GOLDMAN 1,903,994

ASH TRAY FOR CARD TABLES

Filed June 16, 1932

Fig. 1.

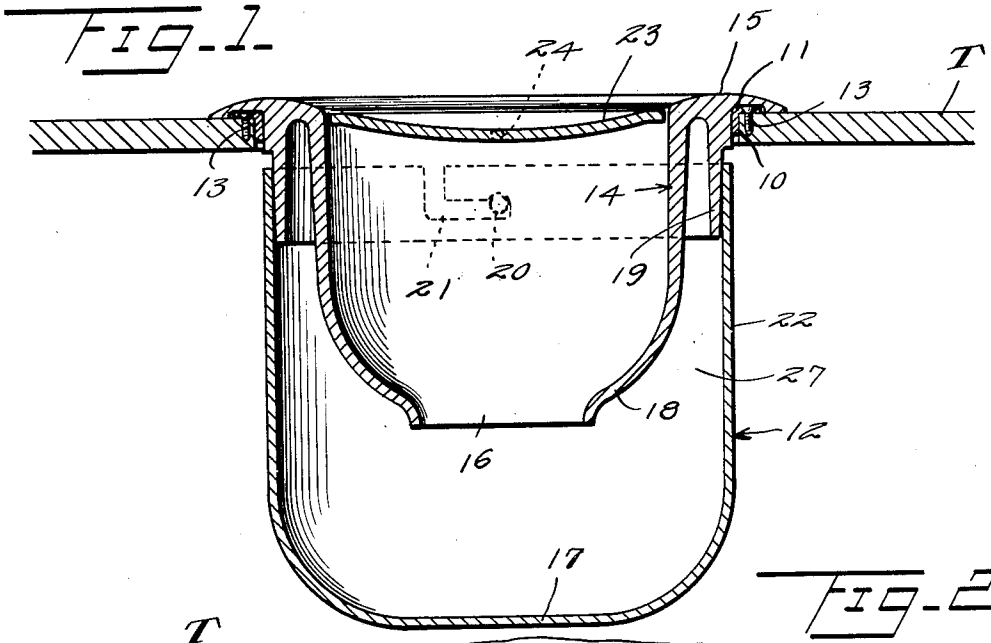


Fig. 2.

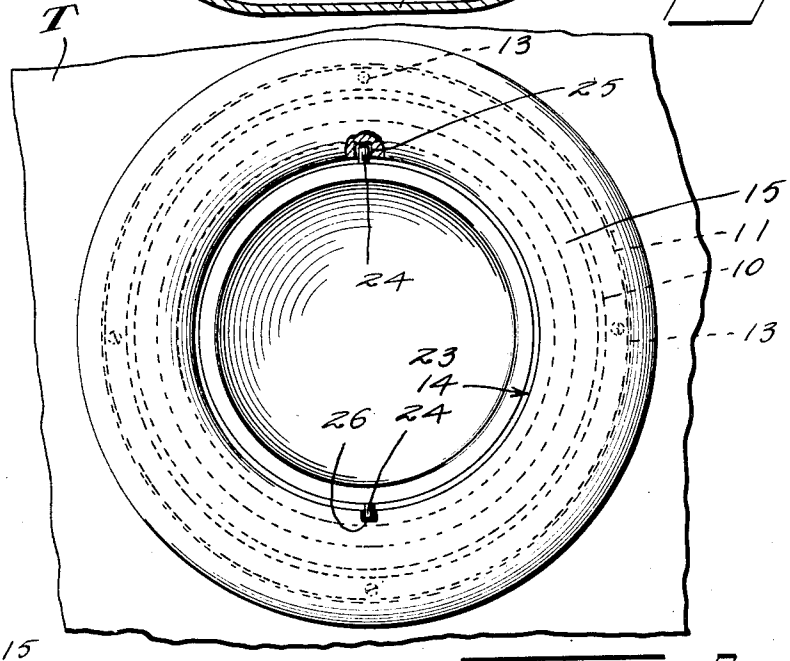
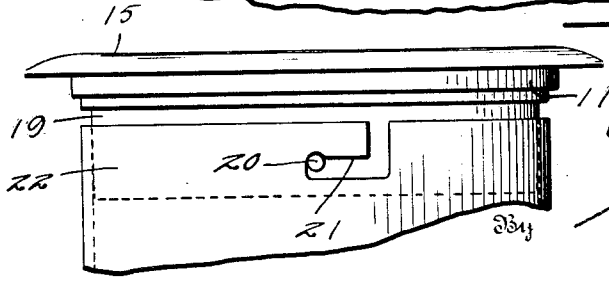


Fig. 3.



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Patented Apr. 18, 1933 1,903,994

UNITED STATES PATENT OFFICE

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ASH TRAYS FOR CARD TABLES

Application filed June 16, 1932. Serial No. 617,666.

This invention relates to ash trays and more particularly to an ash tray adapted to be mounted in a card table or the like.

An object of this invention is to provide a combination table and ash tray which is so constructed that the tray is firmly held in the top of the table so that it will not spill in the event the table is tilted or the like.

Another object of this invention is to provide an ash tray which may be mounted in a table such as a card table or the like, and wherein the top of the tray is substantially flush with the top of the table or support and the ash receiver is removable from beneath the table or support.

A further object of this invention is to provide a tray of this kind which will not only support a cigar or cigarette but which presents a relatively smooth flat top so that when the tray is mounted in the table, it will not take up any space used for the playing of cards or the like, inasmuch as the cards can be played directly on the top of the tray, if desired.

A still further object of this invention is to provide a tray construction wherein the smoke of the cigarette or tobacco is prevented from passing out of the tray, so that if a lighted article is placed therein, it will be smothered.

The above and various other objects and advantages of this invention will in part be described and in part be understood from the following detailed description of the present preferred embodiment, the same being illustrated in the accompanying drawing wherein:—

Figure 1 is a vertical section taken substantially through the center of a device constructed according to the preferred embodiment of this invention, mounted on a table shown in fragmentary form.

Figure 2 is a top plan view partly broken away of the device.

Figure 3 is a fragmentary detail side elevation of the ash tray removed from the table.

Referring to the drawing wherein like characters of reference designate corresponding parts throughout the several views, the letter T designates generally a table top or support which is provided with an aperture 10 therethrough to receive a flanged rim 11. This rim 11 is secured to the top T by means of screws or other securing elements 13.

An ash tray comprising an ash receiver, generally designated as 12, and an upper cup-shaped member 14 provided with an annular outstanding flange 15 is mounted within the rim 11, and the receiver or tray 12 depends beneath the top of the table T. This cup-shaped member 14 has a centrally disposed opening 16 at the bottom thereof and the bottom of this member 14 is disposed in a position spaced upwardly from the bottom 17 of the receiver 12.

The bottom or lower end 18 of the cup-shaped member 14 is restricted and the opening 16 is of a size sufficient to permit articles to drop through this cup-shaped member 14 and into the receiver 12. The cup-shaped member 14 is provided with a depending annular flange 19 which is disposed in spaced relation to the confronting wall of the cup-shaped member 14, and this member 19 depends from the upper flange 15. The annular flange 15 is provided at diametrically opposed points with outwardly extending pins 20 which are adapted to engage in L-shaped slots or keyways 21 provided in the upper edge of the side wall 22 of the receiver 10.

A closure or plate 23, which is provided at diametrically opposed points with outwardly extending pins 24, is disposed within the cup-shaped member 14 at the top thereof and one of these pins 24 engages in an aperture 25 in the top of the ash receiving member 14, and the other pin engages in a slot 26 provided in the upper end of the ash receiving member 14. In this manner, the closure plate 23 is suspended within the top of the ash receiving member 14 and can be rocked so as to permit ashes or the like to be deposited in the ash receiving member 14 and the receptacle 12. The closure 13 is preferably so balanced that it will normally be disposed in a horizontal position and may be provided with a substantially convex upper face portion so that it will be disposed slightly below the top of the horizontal outstanding flange 15.

In the use and operation of this ash tray,

the rim 11 is secured to the table T or other support, and the ash receiving member 14 is adapted to fit relatively closely within this rim 11 so that it will not readily slip out but can be removed, if desired, for cleaning purposes. The ash receiver 12 is positioned beneath the top of the table T and when this receiver 12 becomes filled or the like, it can be readily removed by partially rotating the receiver so as to carry the pins 20 out of the horizontal portions of the L-shaped slots 21. Through the provision of the cup-shaped ash receiving member 14, a chamber 27 is provided between the outer surface of this ash receiving member 14 and the upper portion of the ash receiver 14 so that if the table T is tilted or turned on edge, the ashes within the receiver 12 will pass into the chamber 27 and thereby be held against spilling through the upper open top of the cup-shaped member 14.

It will be noted that this ash receiver can be readily constructed of any desired material and can be mounted in any desired table construction or the like in a position where the top of the receiver is substantially flush with the top of the table so that where the table is used in the playing of cards or the like, if desired, the cards may be placed directly on top of the closure plate 23, thereby permitting the use of the entire top of the table in the same manner as if the ash receiver was not mounted thereon.

It is, of course, understood that various changes and modifications may be made in the details of construction and design of the above specifically described embodiment of this invention without departing from the spirit thereof, such changes and modifications being restricted only by the scope of the following claims.

What is claimed is:—

1. In combination, a table top and an ash receiver mounted within the top, said ash receiver comprising a rim fixedly secured to the table top within the marginal edges of the table, a flanged cup-shaped member having an open top and bottom, the flange of the member substantially enclosing the rim, a receptacle, means for suspending the receptacle from the cup-shaped member in a position with the walls of the receptacle spaced outwardly from the walls of the cup-shaped member, and a balanced closure pivotally carried by the cup-shaped member at the top thereof.

2. In combination, a table, an annular flanged rim, means for securing the rim to the table within the marginal edges of the table, a cup-shaped ash receiving member having an open top and bottom, an outstanding annular flange formed with the cup-shaped member engaging over the rim and substantially enclosing the rim, a depending annular flange carried by said outstanding flange outwardly of said ash receiving member, outstanding pins carried by the depending flange at diametrically opposed points, and an ash receptacle having L-shaped slots in the upper edge thereof to engage said pins for dependingly supporting the receptacle from the depending flange.

In testimony whereof I hereunto affix my signature.

JACOB S. GOLDMAN.