

June 27, 1950

A. J. MEIER

2,512,958

TRAY ATTACHMENT FOR CARD TABLES

Filed June 21, 1947

Fig. 1.

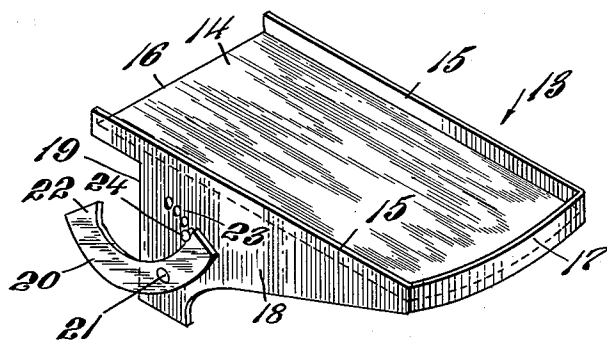


Fig. 2.

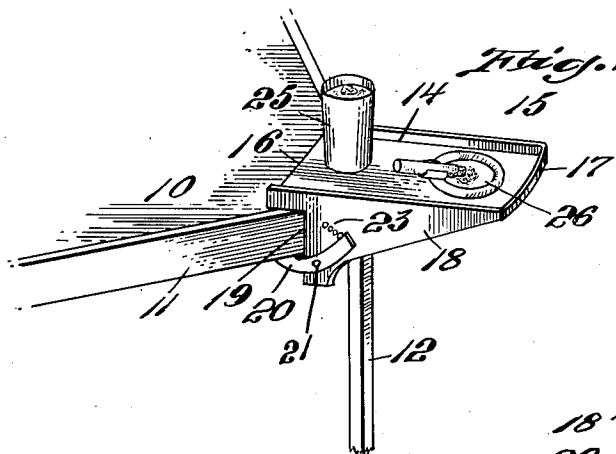


Fig. 3.

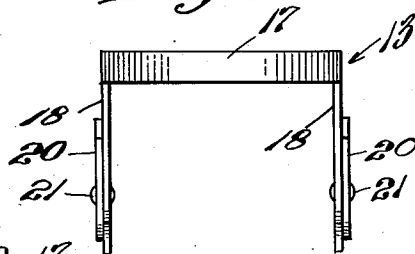
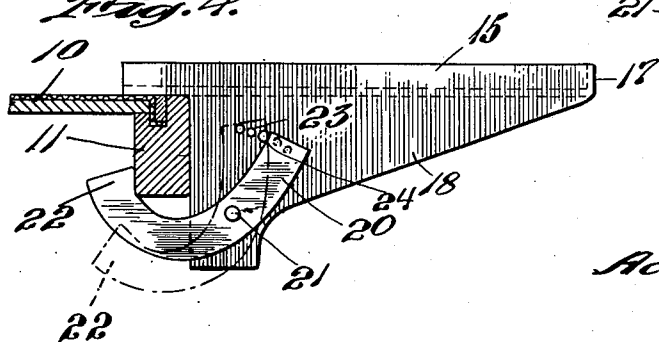


Fig. 4.



INVENTOR.
Adolf J. Meier
BY *Barlow & Barlow*
ATTORNEYS.

Patented June 27, 1950

300,810

2,512,958

UNITED STATES PATENT OFFICE

2,512,958

TRAY ATTACHMENT FOR CARD TABLES

Adolf J. Meier, Washington, R. I.

Application June 21, 1947, Serial No. 756,237

1 Claim. (Cl. 311-103)

1

This invention relates to a tray for supporting cigarette ash receivers, glasses and the like which may be readily attached to a card table and more particularly to the corner of a card table.

In the use of card tables, it is very desirable to provide some additional support for glasses or cigarette ash trays, and sometimes such supports are attempted to be built into the table, such as a drawer which may be pulled out, or in other cases some sort of device with a screw clamp is attempted to be attached to the table. Such devices are relatively complicated in their construction and, thus, costly to provide.

One of the objects of this invention is to provide an effective support for glasses or ash trays which may be attached to a card table or the like without the necessity of providing any screws or threaded members which may be easily detached from the card table.

Another object of this invention is to provide for attachment of the tray by simply swinging a part from one position to another.

With these and other objects in view, the invention consists of certain novel features of construction as will be more fully described and particularly pointed out in the appended claim.

In the accompanying drawings:

Fig. 1 is a perspective view of the attachment;

Fig. 2 is a perspective view showing the attachment as secured to the corners of a card table which is shown fragmentally and illustrating the attachment as supporting two different objects thereon;

Fig. 3 is an end view of the attachment;

Fig. 4 is a sectional view taken substantially parallel to the edge of the tray.

In proceeding with this invention I provide a tray with downwardly extending arms which will engage the edge of the table top to be secured by pivoting on one or both of these arms a locking member which, by merely swinging beneath the flange of the table top, will hold the tray in position. This member may be locked in the position to which it is swung by a pin which is forced into one of the arms to prevent the swinging movement of the locking member with reference to this arm. The assembly thus provides no threaded members or other parts in which any precision need be provided in their manufacture.

With reference to the drawings, 10 designates a table top with downwardly extending flanges 11 about its periphery. Legs 12 extend downwardly from the table. The attachable tray designated generally 13 consists of a plate 14 which

2

may conveniently have a retaining flange 15 extending about three sides of its periphery leaving an open edge 16 opposite the end.

Arms 18 extend downwardly from the plate member 14 at a point spaced from the end 16 so as to provide abutting surfaces 19 at their inward edges. On each of the arms 18, a locking member 20 is pivoted as at 21 which locking member is generally arc or hook shape having a flared end 22 which will engage the inner edge of the flange 11 so as to hold the arms 18 snugly against the outer edge of the flange 11.

As shown in Figs. 1, 2 and 4, the plate extends outwardly from the corner at substantially 45° to each of the right angle sides of the table so that the edges 19 of the arms 18 abut the flanges 11 of the table, while the edge 16 of the plate overlaps the edge of the table to a small extent. When the tray is positioned in this manner, the locking members 20 are then swung about their pivots 21 until their inner ends 22 engage the flange 11, as shown in Fig. 4, and thereafter a pin is positioned in one of the holes 23, such as shown at 24 in Figs. 1 and 4, so as to prevent a swinging movement of the arm 20 to a release position. If it is desired to release the tray from the edge of the table, it is merely necessary to remove the pin 24, swing each of the arms from beneath the flange of the table and lift the tray from position. This arrangement is very effective in use, simple in assembly and is formed of parts requiring less accuracy than where any threading clamp action is provided and thus may be extremely simple and inexpensive to manufacture and may be made out of any materials.

The plate 14 enables a glass, such as shown at 25 or an ash tray, such as shown at 26, to be positioned as shown in Fig. 2.

I claim:

A detachable card table tray for a card table having a side frame comprising a plate member having an under surface to rest upon the upper marginal edge portion of a card table top and extending beyond the edge thereof, arms extending downwardly at spaced location from said plate member between the inner and outer edges of said plate and rigid therewith and at substantially right angles thereto, the edges of said arms having an edge to engage the frame extending about said table widthwise thereof, a locking member pivoted to one of said arms and having an end portion thereof moveable to extend beneath said frame to engage the inner side thereof to hook said locking member onto said frame to hold said arms against said frame and the

048,575

2,512,958

0381,75

3

4

plate member firmly in position, one of said arms having a plurality of openings therein, and a stop pin receivable in said openings and engageable by said locking member to block the swinging movement thereof.

ADOLF J. MEIER.

5

UNITED STATES PATENTS

Number	Name	Date
378,241	Drude et al. _____	Feb. 21, 1888
1,201,166	Funsch _____	Oct. 10, 1916
1,621,720	Harper _____	Mar. 22, 1927
1,747,710	Hanley _____	Feb. 18, 1930
1,975,857	McKenney _____	Oct. 9, 1934

REFERENCES CITED

The following references are of record in the file of this patent:

10