June 5, 1934.

T. R. MOSS

1,961,427

ASH TRAY

Filed Oct. 19, 1933

Fig. 1.

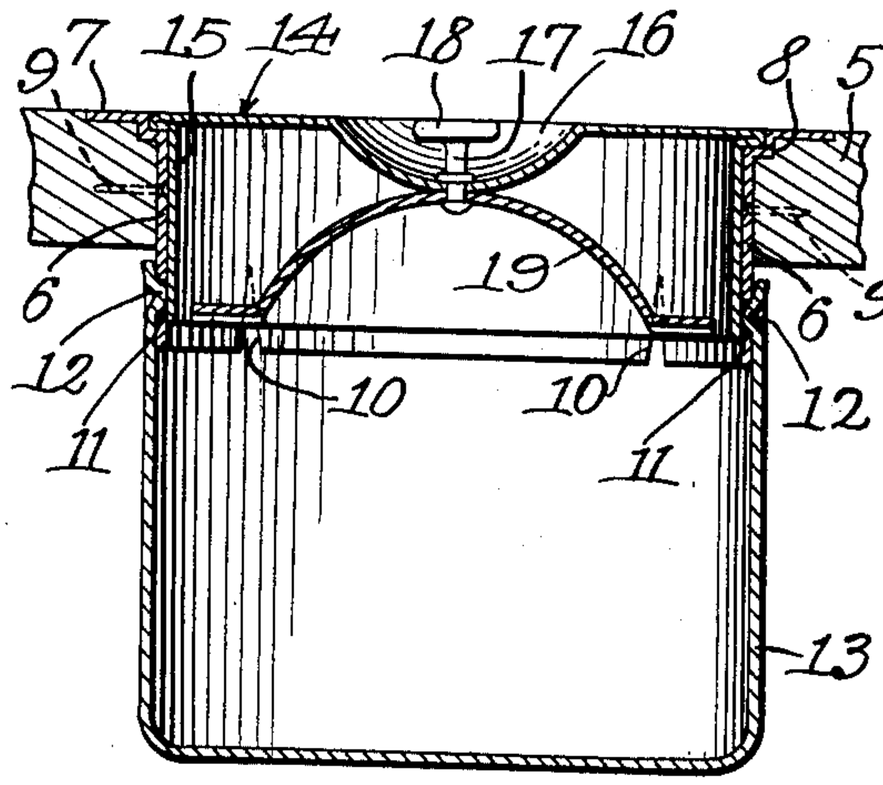
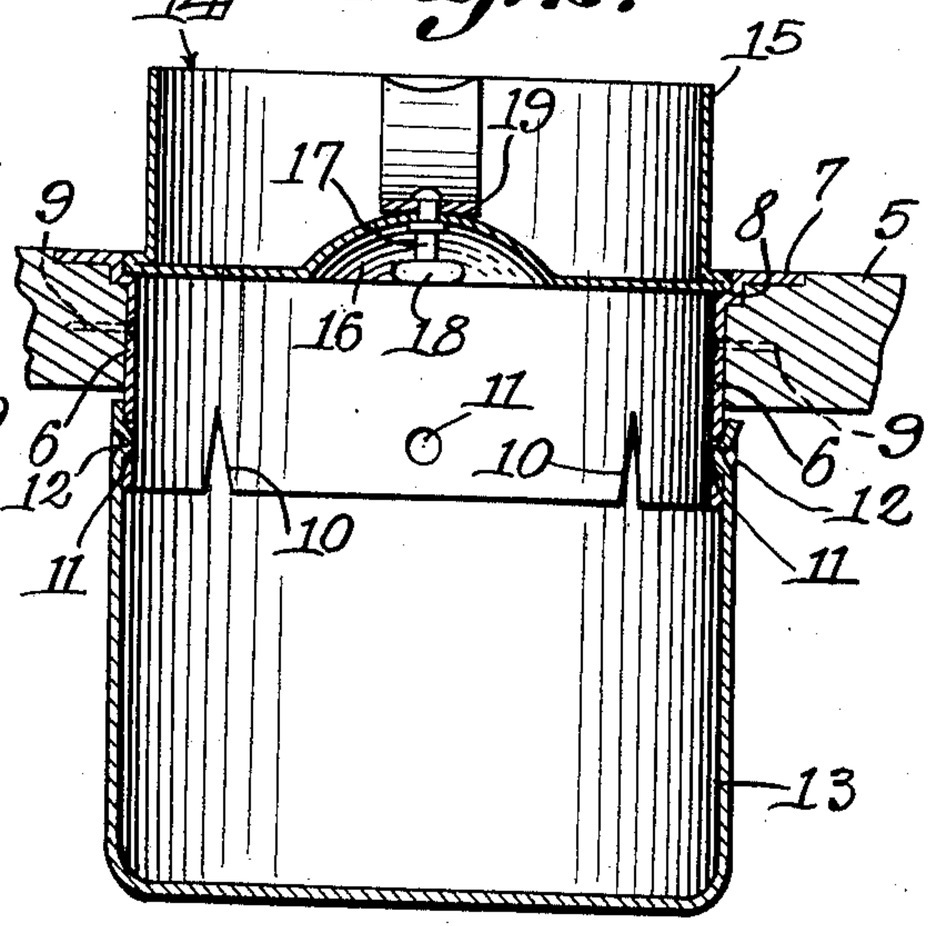



Fig. 2.



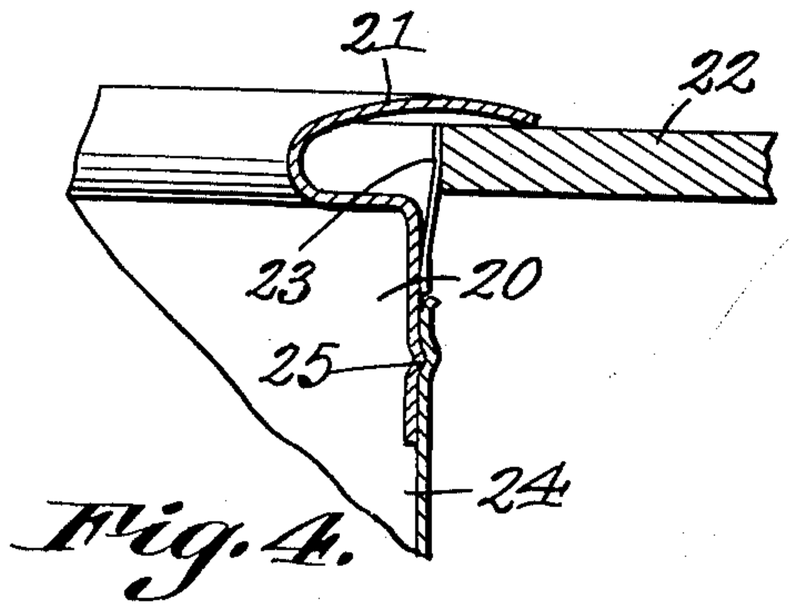




Fig. 4.

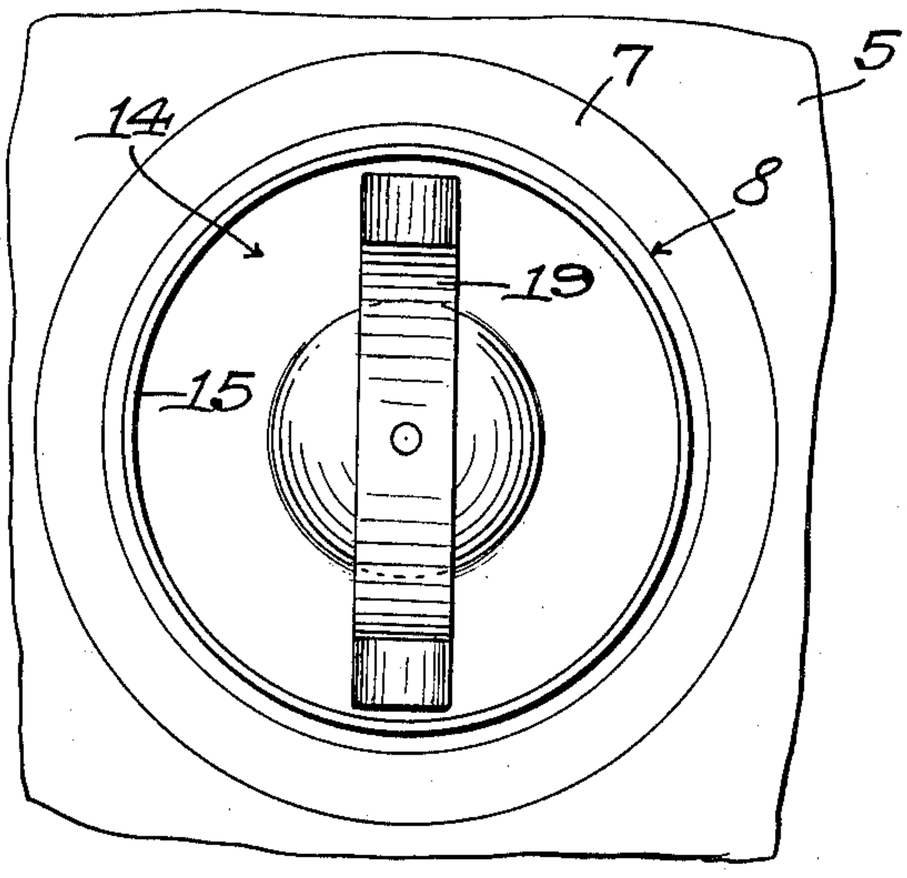



Fig. 3.

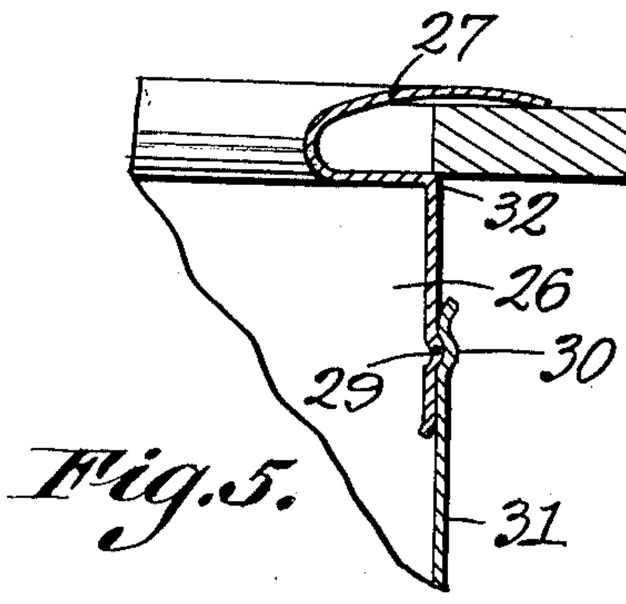



Fig. 5.

T. R. Moss

Inventor

By C. A. Snow & Co.

Attorneys.

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# UNITED STATES PATENT OFFICE

1,961,427

## ASH TRAY

Thomas R. Moss, Dyersburg, Tenn.

Application October 19, 1933, Serial No. 694,329

4 Claims. (Cl. 45—75)

This invention relates to ash receivers of the type to be made a part of furniture, the primary object of the invention being to provide an ash receiver which, when not in use, will be flush with the upper surface of the furniture or support, and will not in any way interfere with the use of the support as a table.

Another object of the invention is to provide a device of this character which may be readily and easily moved from its obscure inactive position, to a position where it may be used as an ash receiver, or as a support for cigarettes.

A further object of the invention is the provision of an ash receiver including an upper movable section and a removable receptacle for the reception of ashes, when the upper movable section is inverted and moved to its closed or inactive position.

Another important object of the invention is the provision of means whereby the device may be readily and securely held in position on the support.

With the foregoing and other objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

Referring to the drawing:

Figure 1 is a vertical sectional view through an ash receiver constructed in accordance with the invention.

Figure 2 is a vertical sectional view through the ash receiver illustrating the cover as moved to its active position for use in receiving ashes.

Figure 3 is a plan view thereof.

Figure 4 is a modified form of means used in securing the ash receiver within an opening of a table top.

Figure 5 is a further modified form of securing means.

Referring to the drawing in detail, the reference character 5 designates the support for the ash receiver, which in the present showing, is a table top.

The reference character 6 designates a supporting ring that is of a diameter to fit within the opening of the table top, the supporting ring being of a width to extend an appreciable distance below the table top, as clearly shown by Figures 1 and 2 of the drawing.

At the upper end of the supporting ring, is an annular flange 7 that is provided with an offset portion 8 defining an annular shoulder. Securing nails 9 extend through the supporting ring, and are embedded in the table top, securing the supporting ring in position.

As clearly shown by Figure 2 of the drawing, the lower edge of the supporting ring 6, is formed with cut out portions 10 so that the lower end of the supporting ring may flex laterally. Openings 11 are also formed in the supporting ring, and are designed to accommodate the bosses 12 formed near the upper end of the main ash receptacle 13, providing means whereby the main ash receptacle 13 may be readily and easily removed and replaced, and at the same time securely supported in position on the supporting ring.

The ash receiver indicated by the reference character 14 plays an important part in the construction of the device, and as shown provides a cover for the main ash receptacle, when the ash receiver is not in use, the ash receiver 14 being provided with an annular flange to rest on the shoulder formed by the offset portion 8, providing a structure which is flush with the surface of the table.

As shown, the ash receiver 14 is provided with a flange 15 that fits within the supporting ring 6, holding the ash receiver in position at all times.

Formed substantially centrally of the ash receiver 14, is a depression 16 providing a clearance for the fingers of the person moving the ash receiver 14 from the position shown by Figure 1 of the drawing, to its active position as shown by Figure 2 of the drawing.

Extending through the depression 16, is a shank 17 that carries a head 18 at one end thereof, the opposite end of the shank being extended through the curved bar 19, and headed, securing the bar 19 to the shank.

This bar 19 has its ends extended laterally and curved transversely, providing rests for cigarettes, cigars or the like, when they are not held in the hands of the smoker.

It will be obvious that when the ash receiver 14 has been moved to the position as shown by Figure 2, ashes may be dropped into the ash receiver 14, and that when the ash receiver 14 is inverted, the ashes contained therein, will fall into the main ash receptacle 13, where they may be removed.

In the form of the invention as shown by Figure 4 of the drawing, a securing ring is indicated by the reference character 20, the securing ring being formed with an upper curved flange 21, the

curved flange 21 being so constructed that the outer edge thereof contacts with the table top, which is indicated by the reference character 22.

Secured to the ring 20, is a sleeve 23 adapted to yield laterally, so that when the securing ring 20 is positioned within the opening of the table top the securing ring will be held by frictional contact directed to the table top by the bar 23 and curved flange 21.

The main receptacle of the ash receiver is indicated by the reference character 24, and is provided with depressions to receive the bosses 25 of the supporting ring, whereby the main receptacle may be readily and easily removed and replaced.

The supporting ring as shown in the modified form of the invention illustrated by Figure 5, is indicated by the reference character 26, and is provided with a curved flange 27 that bears against the table top 28, at the outer edge of the flange.

The supporting ring extends downwardly, where it is provided with bosses 29 that fit within depressed portions 30 of the ash receiver 31, removably securing the ash receiver in position.

Due to the construction of the supporting ring, the table top is clamped between the outer edge of the flange 27 and the corner 32, securely holding the supporting ring in position.

In view of the foregoing detailed description, a further detailed disclosure is believed to be unnecessary.

Having thus described the invention what is claimed is:

1. An ash receiver comprising a supporting section adapted to be positioned in an opening of a supporting member, said supporting section embodying a securing ring, a curved yieldable flange extending from the securing ring and adapted to bear against the supporting member, clamping the supporting section to the supporting member, and a receptacle removably connected with the supporting section.

2. An ash receiver comprising a supporting section adapted to be positioned in an opening of a supporting member, a yieldable member carried by the supporting section and adapted to frictionally engage the wall of the opening securing the supporting section in position, and an ash receptacle removably connected with the supporting section.

3. An ash receiver comprising a supporting section adapted to be positioned in an opening of a supporting member, an upper curved yieldable flange forming a part of the supporting section and adapted to engage the supporting member, a yieldable sleeve forming a part of the supporting section and adapted to bear against the supporting member cooperating with the curved yieldable flange in securing the supporting section to the supporting member, and a receptacle supported by the supporting section.

4. An ash receiver comprising a supporting section embodying a ring adapted to be positioned in an opening of a supporting member, a curved yieldable flange forming a part of the supporting section, the edges of the flange adapted to bear against the supporting member, a curved yieldable flange extending from the ring member and adapted to bear against the supporting member, and said yieldable flange cooperating with the first mentioned curved flange in gripping the supporting member, and a receptacle connected with the supporting section.

THOMAS R. MOSS.