Aug. 11, 1942. R. E. MONSON 2,292,959

BRACKET

Filed Aug. 19, 1940

Fig. 1.

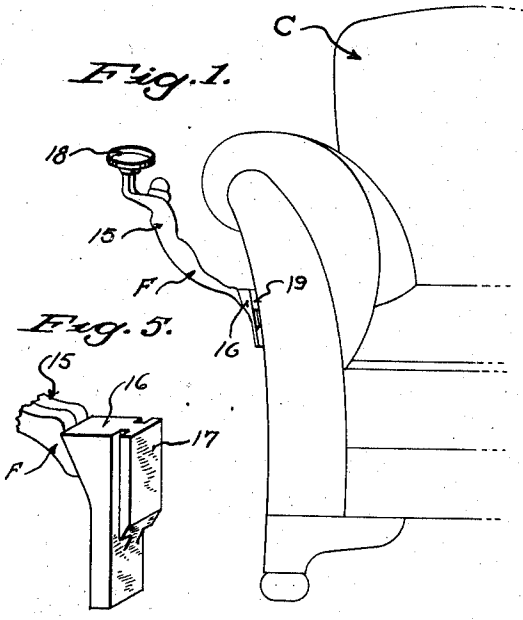


Fig. 2.

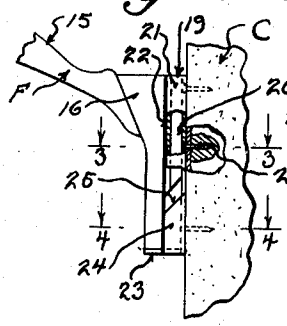


Fig. 2a.

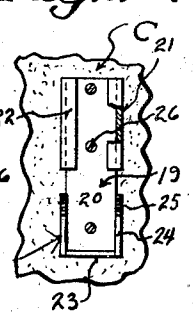


Fig. 5.

Fig. 3.

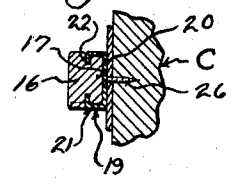


Fig. 4.

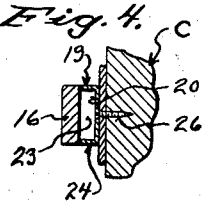


Fig. 5a.

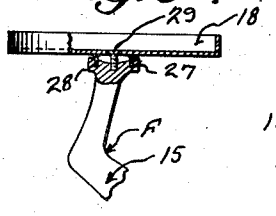


Fig. 6.

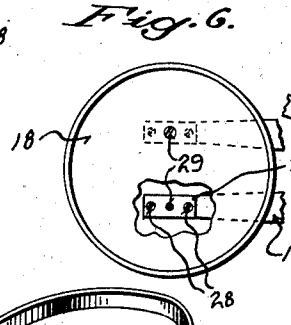


Fig. 8.

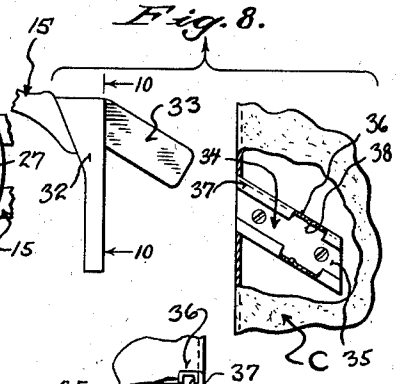


Fig. 7.

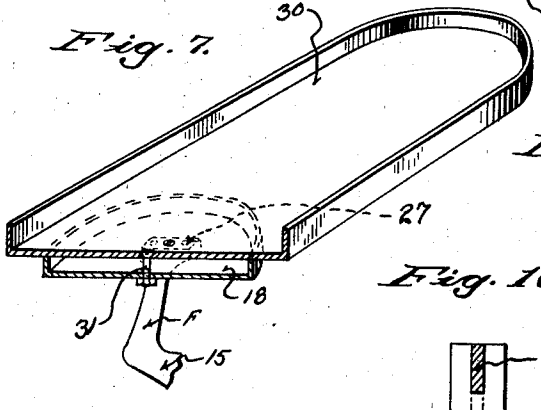


Fig. 9.

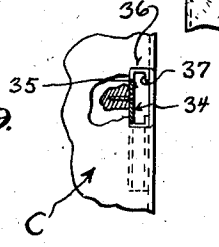
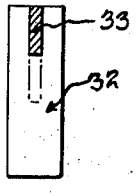


Fig. 10.



Inventor
R.E.Monson

By

Attorneys

Patented Aug. 11, 1942 2,292,959

UNITED STATES PATENT OFFICE

2,292,959

BRACKET

Roy Eugene Monson, Milwaukee, Wis.

Application August 19, 1940, Serial No. 353,260

2 Claims. (Cl. 248—224)

This invention appertains to a novel device for conveniently supporting ash trays, flower pots, and the like from articles of furniture, walls, or other surfaces, and more particularly to means for detachably supporting an ornamental article-receiving member to a holding bracket rigidly secured to said article of furniture or wall.

One of the primary objects of my invention is to provide an arcuate supporting arm in the nature of a human figure having means on its outer end for receiving an ash tray or other articles, and a base on its inner end so formed as to be detachably received within a bracket carried by the arm of a chair, lounge, or the like.

Another salient object of my invention is to provide means for adjusting the shelf or pan for receiving the ash tray or other article on the supporting arm, so as to insure the lying of said shelf or pan in a horizontal position when the supporting bracket is secured to an inclined surface.

A further important object of my invention is to provide the bracket with a channeled way for receiving the base of the supporting arm, with means for wedging the base in the channel way, whereby accidental displacement of the base from the bracket will be prevented.

With these and other objects in view, the invention consists in the novel construction, arrangement, and formation of parts, as will be hereinafter more specifically described, claimed, and illustrated in the accompanying drawing, in which drawing:

Figure 1 is a fragmentary, front, elevational view of an article of furniture, such as a lounge or chair, showing my novel fixture incorporated therewith.

Figure 2 is an enlarged, fragmentary, detail, side, elevational view illustrating the base of the supporting arm and the holding bracket, parts of the figure being shown broken away and in section.

Figure 2—A is a front, elevational view of the bracket, with parts thereof broken away and in section.

Figure 3 is a detail, horizontal, sectional view taken on the line 3—3 of Figure 2, looking in the direction of the arrows.

Figure 4 is a similar view, but taken on the line 4—4 of Figure 2, looking in the direction of the arrows.

Figure 5 is a detail, fragmentary, perspective view showing the inner or base end of the supporting arm.

Figure 5—A is a detail, side, elevational view of the outer end of the supporting arm, illustrating the means for adjustably connecting the supporting shelf or pan to the supporting arm, parts of the figure being shown broken away and in section.

Figure 6 is a detail, fragmentary, top, plan view showing the outer end of the supporting arm and illustrating the means for adjustably connecting the supporting shelf or pan to said arm, parts of this figure also being shown broken away and in section.

Figure 7 is a fragmentary, perspective view illustrating one means for connecting a serving tray or the like to the shelf or pan.

Figure 8 is a fragmentary, detail, side, elevational view showing a slightly modified form of means for connecting the base of the supporting arm to an article of furniture, the base of the supporting arm being shown pulled out from the bracket, parts of the figure also being shown broken away and in section.

Figure 9 is an end elevational view of the modified form of supporting bracket, showing the same connected to an article of furniture, with parts thereof broken away and in section.

Figure 10 is a detail sectional view taken on the line 10—10 of Figure 8, looking in the direction of the arrows.

Referring to the drawing in detail, wherein similar reference characters designate corresponding parts throughout the several views, the letter F generally indicates my novel fixture, and the same includes an arcuate supporting arm 15, which is preferably in the form of a human figure to add to the attractiveness and appearance thereof.

The inner or foot end of the arm or figure 15 has formed thereon a base 16, which can be in the nature of a solid block, and the inner face of the base has formed thereon a T-shaped tongue 17, which terminates short of the lower end of the base. The outer end of the arm or figure 15 supports a pan or shelf 18, and it is to be noted that this pan or shelf is connected with the arms of the figure, and this connecting means is of a special character, as will be later described.

For detachably supporting the arcuate arm or figure 15 to a surface, I provide my novel holding bracket 19. This bracket can be stamped from sheet metal and includes a flat rear wall 20 having formed on its side edges side walls 21. These side walls are, in turn, provided with inwardly directed flanges 22. The lower end of the rear wall is provided with an outwardly extending

bottom wall 23, which acts as a stop for the base 16, as will also be later set forth.

Extending upwardly from the bottom wall or stop 23 are wings 24, and these wings are formed on the side edges of the back wall 20 below the side walls 21. Particular attention is called to the fact that these wings project a slightly greater distance beyond the back wall 20 than the side walls 21, and the upper edges of the wings 24 are inclined to provide cam surfaces 25.

The bracket 19 can be rigidly secured to a surface by means of screws 26 or other suitable fastening elements, as is clearly shown in Figures 2, 2—A, 3, and 4.

In associating the arm or figure 15 with the bracket, the T-shaped tongue 17 is inserted into the upper end of the bracket, so that the flanges 22 thereof will ride in the grooves formed by the connection of the tongue with the base 16, and the base is then slid down on the bracket. The lower inner corner of the base will strike the cam surfaces 25 during the pushing down of the base, which will cant or tilt the base and bring about a desired wedging action during the continued downward movement of the base on the bracket to prevent the accidental displacement of the arm or figure from the bracket. The base is inserted into the bracket until the lower end thereof strikes the stop or bottom wall 23.

My novel fixture is particularly adapted for supporting ash trays from articles of furniture or flower pots from walls or other surfaces, and in Figure 1 I have shown the bracket 19 attached to the arm of a chair C or other article of furniture.

Due to the arcuate form of the figure or arm 15, the same readily curves around the arm of a chair, and, thus, will conveniently hold an ash tray (not shown) in correct position, so that the same can be readily used by the occupant of a chair without danger of knocking over the tray.

The device can also be readily used for supporting flower pots from walls, window and door frames, and the like.

In some instances, the holding bracket 19 may be secured to an inclined surface, and this often arises where the bracket is attached to arms of furniture. Where the bracket is on an incline, it is preferred to level or true up the shelf to a horizontal position, and, hence, I have employed means for adjustably connecting the pan or shelf 18 to the outer end of the arm or figure 15.

The outer end of the arm or figure 15 terminates in spaced supporting blocks 27, and each of the blocks adjacent their opposite ends carry adjustable screws 28. The tray or pan 18 is adapted to rest upon the screws 28. Fastening screws 29 are inserted through the pan or shelf 18 into the blocks 27 between the adjusting screws 28. By raising or lowering the adjusting screws 28 and then by tightening up on the fastening screws 29, the pan or shelf can be tilted to a correct desired position.

As previously stated, the pan or shelf 18 can support any desired articles, such as flower pots, ash trays, and the like, and it is also to be understood that serving trays can also be associated therewith. In Figure 7, I have shown an elongated serving tray 30. This tray can be laid on top of the pan or shelf 18, and a holding bolt 31 can be passed through the tray 30 and the pan or shelf 18. This permits the removal of the tray when desired.

In Figures 8 to 10, inclusive, I have shown a modified form of means for detachably associating the arcuate arm or figure 15 with articles of furniture and the like. In this form, the arcuate arm or figure also has formed thereon a depending base block 32, and the block has, in turn, formed thereon or secured thereto adjacent its upper end a downwardly inclined thin shank or stem 33. This stem or shank is adapted to be detachably received in a bracket 34, which can be in the form of a channeled metal strip. As illustrated, the bracket includes an attaching wall 35 having outwardly extending, spaced, parallel, top and bottom walls 36. Formed on the outer edges of the walls 36 are inturned flanges 37.

This bracket can be incorporated directly in the arm of the furniture, if so desired, such as is suggested in Figures 8 and 9, and the bracket can open out through one surface of the arm. The shank or stem 33 can be readily inserted in the bracket, and the lower end of the base block 32 of the arm or figure 15 will rest against the outer surface of the article of furniture.

I can punch out inwardly directed teats 38 from the walls 36 for frictionally engaging the upper and lower faces of the stem or shank 33 to prevent the accidental withdrawal of the stem or shank from the figure.

From the foregoing description it can be seen that I have provided a highly attractive fixture for conveniently supporting ash trays and the like from desired surfaces.

Changes in details may be made without departing from the spirit or the scope of my invention, but what I claim as new is:

1. A fixture for conveniently supporting ash trays, flower pots, and the like comprising, a supporting arm, a base block on the inner end of said supporting arm, a supporting shelf on the outer end of said arm, a holding bracket adapted to be rigidly secured to a surface, said bracket including an inner wall, side walls on the edges of the rear wall terminating short of the lower end of said rear wall, inturned flanges formed on the outer edges of the side walls, forwardly projecting wings on the side edges of the rear wall disposed below the side walls, having upper, downwardly inclined, cam surfaces, a T-shaped tongue on the base block terminating short of the lower end thereof for detachable reception in the bracket between said side walls, the lower end of the base block being adapted to engage the cam surfaces to wedge the tongue into binding engagement with the bracket during the insertion of the tongue in the bracket.

2. A fixture for conveniently supporting ash trays, flower pots, and the like from surfaces comprising, a supporting arm, a bracket adapted to be secured to a surface, means detachably associating the inner end of the arm with the bracket, a supporting shelf carried by the outer end of the arm, and means for adjusting the shelf on the arm including supporting blocks, spaced screws threaded into the blocks upon which the shelf is adapted to rest, and holding screws extending through the shelf into the blocks between the adjustable screws.

ROY EUGENE MONSON.