May 8, 1945. J. LIAKOPULOS 2,375,565

STAR-SHAPED ASHTRAY CHAIR ARM ATTACHMENT

Filed Aug. 25, 1943

Fig. 1.

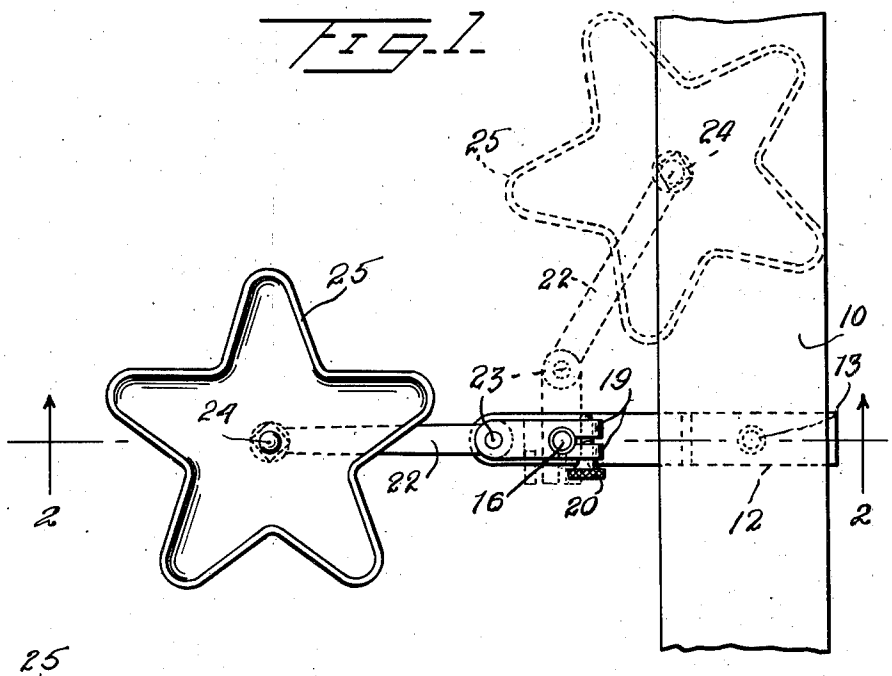


Fig. 2.

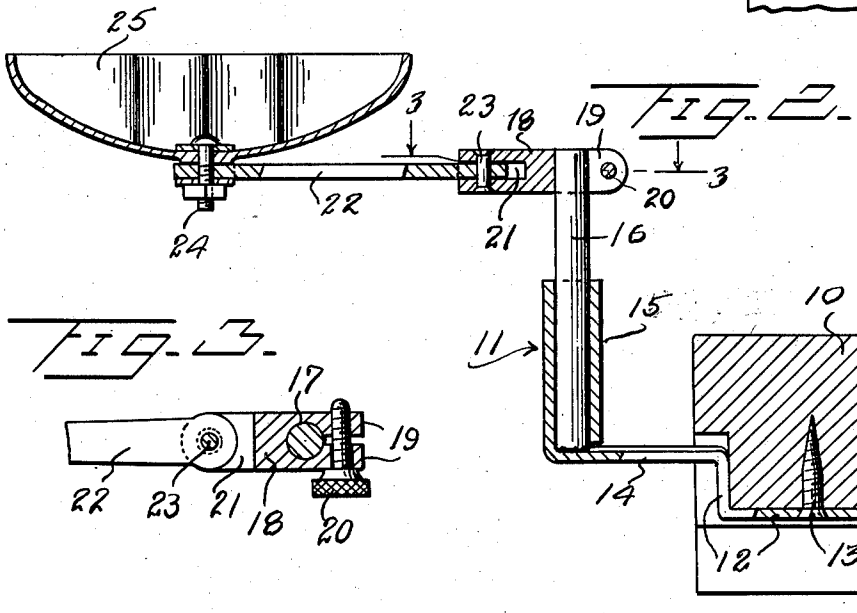


Fig. 3.

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STAR-SHAPED ASH TRAY CHAIR ARM ATTACHMENT

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3 Claims. (Cl. 248—282)

This invention relates to the class of trays and receptacles and supports therefor and is directed particularly to an improved ash tray and novel mounting or supporting bracket, by which the tray may be attached to a chair arm or other support.

The primary object of the present invention is to provide an ash tray in the shape of a five-point star and a pivotal support bracket by which it may be mounted, whereby when mounted upon a chair arm, such for example, as the arm of a barber's chair, the barber, or other person, in moving around the chair, can be pushing his body against a point of the tray, cause the tray to turn and to swing into an out-of-the-way position.

The invention also has as an object to provide a novel type of pivot mounting whereby the tray may not only be swung around a center, but may also be oscillated in a horizontal plane on a pivot between itself and the center about which it may swing.

The invention will be best understood from a consideration of the following detailed description taken in connection with the accompanying drawing, it being understood, however, that the invention is not to be confined to the specific showing of the drawing but may be modified or changed so long as such modifications or changes are within the scope of the appended claims.

In the drawing:

Figure 1 is a view in plan of the present invention, showing the same applied.

Figure 2 is a vertical section taken on the line 2—2 of Figure 1.

Figure 3 is a horizontal section on the line 3—3 of Figure 2.

Referring now more particularly to the drawing the numeral 10 designates a body of suitable character, such as an arm of a barber chair or the like, to which the present invention is shown attached.

The invention comprises a bracket 11, having a substantially U-shaped portion 12 designed to receive the underside of the chair arm 10 as shown, to which it may be attached in any suitable manner as by the use of the screw 13. It is contemplated, however, to use other securing means, such as a resilient or spring grip or clasp, to hold the bracket to the supporting arm. Such other securing means is not here shown as it is believed to be well within the ability of any competent mechanic to fashion such a holding means.

One side of the U-shaped portion has a lateral extension 14, which is integrally connected at its outer end with a vertical bearing sleeve 15.

Loosely inserted in the sleeve 15, and resting for rotation on the extension 14, is a pivot pin 16, the top end of which is gripped in the opening 17, formed in a head member 18. The end of the head 18, near the opening 17, is slotted to form the spaced jaws 19, which are drawn together by the screw 20, to effect the necessary construction of the opening 17 for the gripping of the pin.

At the opposite end from the opening 17, the head has a horizontal slot 21, in which is one end of a link bar 22, pivotally secured by the vertical pivot pin 23.

Upon the outer end of the flat link 22 is pivotally held, by the bolt 24, an ash tray 25. This tray is in the form of a five-point star. While the tray shown has been described as an ash tray it is contemplated to make the same of such depth and width as to accommodate a glass or like receptacle.

By the formation of the tray in the form of a star it will be readily seen that it will not interfere with the barber or other worker in moving around the chair, because, as he moves, his body will engage a point of the star and cause the tray to rotate and at the same time it may be made to swing around on the double pivot provided by the pin 16 and pin 23, as illustrated in broken lines in Figure 1.

By mounting the pin 16 in the socket the tray may be readily removed for emptying.

From the above detailed description of the invention, it is believed that the construction and use thereof will at once be apparent, and while there is herein shown and described the preferred embodiment of the invention, it is nevertheless to be understood that minor changes may be made therein without departing from the spirit and scope of the invention as claimed.

I claim:

1. An attachment for a chair arm or other support, comprising a bracket having a plurality of angularly disposed arms with the arms at one end of the bracket adapted for attachment to a support and the arm at the other end of the bracket being a tubular socket with the adjacent arm section forming the bottom of said socket, a star-shaped tray, a pivot pin mounted in said socket for turning movement and resting at its lower end on said adjacent arm section, and means supporting said tray upon said pin for oscillation on an axis paralleling the turning axis of the pin.

2. A tray and supporting means therefor, comprising a mounting bracket having a plurality of angularly disposed arms with the arm at one end of the bracket adapted for attachment to a support and the arm at the other end of the bracket being a tubular socket with the adjacent arm section forming the bottom of said socket, a pivot pin in said socket resting at its lower end on said adjacent arm section, a laterally extending head secured to the upper end of the pin to turn therewith, a vertical pivot carried by the end of said head offset from the pin, a link member connected at one end to said vertical pivot for oscillation in a horizontal plane, and a tray having a center pivot connection with and disposed upon the top of said link member at the other end thereof.

3. A tray and supporting means therefor as in claim 2, in which the securing means between the head and pin consists of an aperture in the head into which the pin extends, the head having a longitudinally directed slot from the end nearest to and extending into the aperture forming two spaced jaws, and a screw connecting and drawing said jaws together to secure the head to the pin.

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