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2,183,536

TRAY UNIT FOR BEUTY PARLOR CHAIRS

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Fig. 1

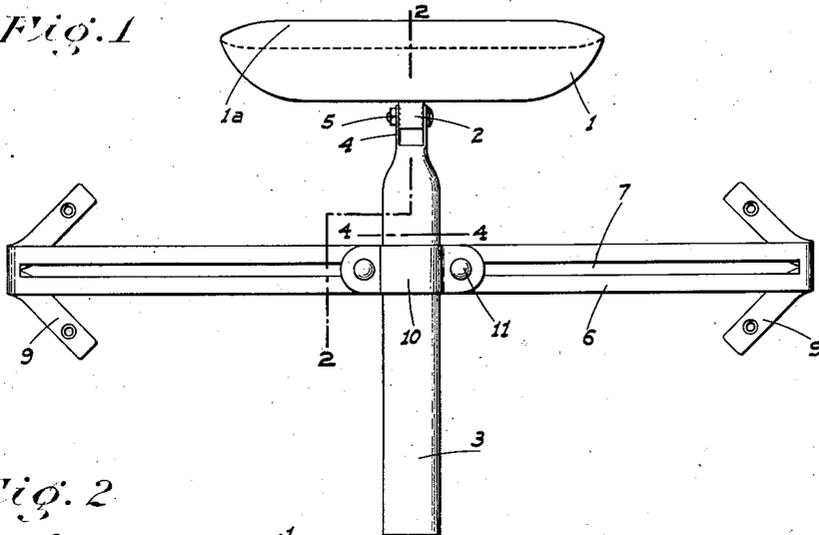


Fig. 2

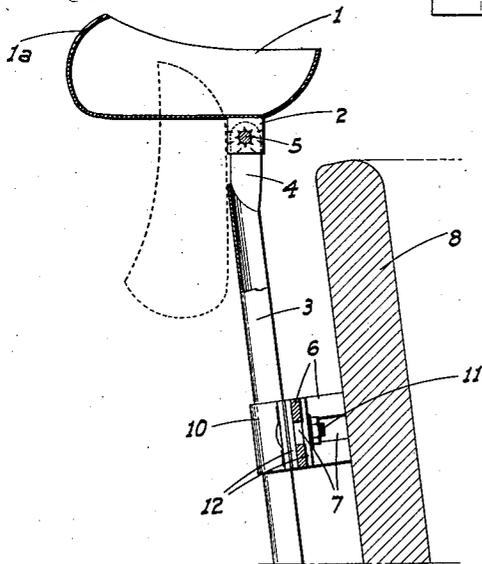


Fig. 4

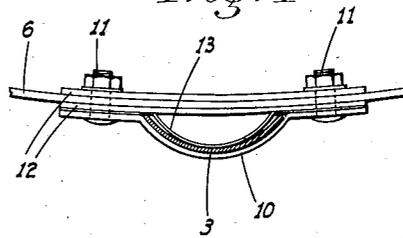
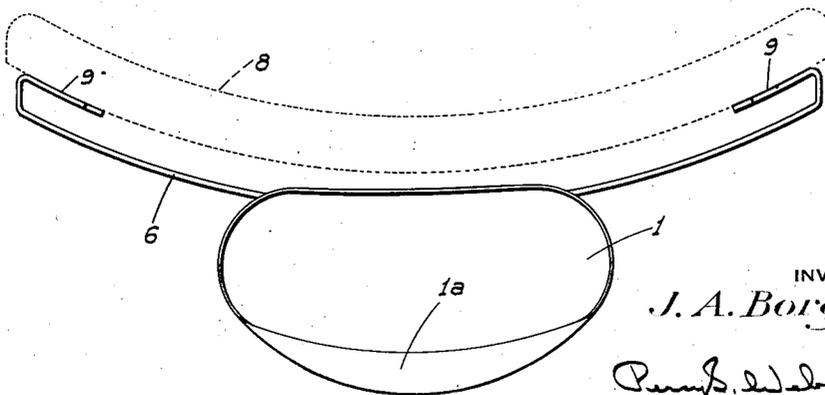


Fig. 3



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TRAY UNIT FOR BEAUTY PARLOR CHAIRS

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3 Claims. (Cl. 155—123)

The present invention is directed to improvements in tray units for beauty parlor chairs; a unit of such type being shown in my copending application for United States Letters Patent, Serial No. 212,277.

The objects of the invention are the provision of a tray unit which is arranged for transverse as well as vertical adjustment relative to the chair back; is provided with a novel frictional mount for the tray supporting stem; and is provided with means arranged so that the tray may be folded down and out of the way when not in use.

A further object of the invention is to produce a simple and inexpensive device and yet one which will be exceedingly effective for the purpose for which it is designed.

These objects I accomplish by means of such structure and relative arrangements of parts as will fully appear by a perusal of the following specification and claims.

In the drawing similar characters of reference indicate corresponding parts in the several views:

Figure 1 is a back elevation of the tray unit detached from a chair.

Figure 2 is a sectional elevation taken on line 2—2 of Fig. 1.

Figure 3 is a top plan view of the unit attached to a chair.

Figure 4 is an enlarged, fragmentary cross section on line 4—4 of Fig. 1.

Referring now more particularly to the characters of reference on the drawing, the tray unit which is the subject of this invention constitutes an open topped tray 1 for the same purpose as the tray shown in my above identified copending application; namely, the reception of hair pins, combs, scissors, etc., during the time that a beauty parlor operator is working with a customer's hair. The tray is oblong, with rounded corners throughout so as to facilitate picking small articles out of the tray. The tray along its back or outer side is formed with a curved overhang as shown at 1a, and said side is deeper than the front side.

Intermediate its ends but adjacent the forward edge the tray is formed with a lug 2 which depends from the tray bottom. The tray 1 is supported by a stem 3 which includes, at its upper end, a pair of spaced, upstanding ears 4; the tray lug 2 being disposed between said ears and secured in place by a bolt and nut 5. The adjacent faces of the ears and the lug are slightly serrated, so that with proper frictional engagement of said surfaces, the tray will be held in an

operative position, or may be folded down (see Fig. 2) without any adjustment of the bolt. By reason of the overhang 1a of the tray as above described, a considerable quantity of pins and the like may be retained in the tray even when folded down.

The stem 3 is manufactured from light weight but rigid metal, and is substantially semi-circular in cross-section. To support this stem, both for vertical adjustment as well as lateral adjustment relative to the back of the chair, I employ the following arrangement:

A flat cross bar 6, slotted as at 7 for substantially its full length, is mounted horizontally on and spaced from the back 8 of a chair by means of feet 9, secured by screws or the like; the bar 6 having a lateral curvature concentric with that of the chair back, and being set on edge.

A sliding yoke 10 is arranged in connection with bar 6 by means of bolts and nuts 11; there being fiber friction strips 12 of the same length as and included with the yoke assembly, and riding the bar on opposite faces.

The inner working face of yoke 10 is of the same configuration and closely engages the stem—which extends therethrough—in a snug sliding frictional relation. A spring metal friction plate 13 of like configuration engages against the concave side of the stem 3 urging it toward the yoke so as to assure proper engagement. The plate 13 is mounted in place by bolts and nuts 11, which likewise support the yoke and friction strips 12.

By reason of the arrangement above described, the tray 1 may be set at any desired position vertically or laterally relative to the chair back; the vertical adjustment being accomplished merely by moving stem 3 through yoke 10, and the lateral adjustment is accomplished by shifting yoke 10 along the bar 6.

The fiber strips 12 frictionally hold the yoke against accidental movement while spring plate 13 prevents accidental downward movement of stem 3.

From the foregoing description it will be readily seen that I have produced such a device as substantially fulfills the objects of the invention as set forth herein.

While this specification sets forth in detail the present and preferred construction of the device, still in practice such deviations from such detail may be resorted to as do not form a departure from the spirit of the invention, as defined by the appended claims.

Having thus described my invention, what I

claim as new and useful and desire to secure by Letters Patent is:

5 1. A tray unit for a beauty parlor chair, said unit comprising a tray, a supporting member depending from the tray, a mounting bar adapted for connection with the back of the chair, in spaced relation thereto, said bar being slotted lengthwise, a yoke, elements securing the yoke on the bar and slidably engaging in the slot, the
 10 tray supporting member being frictionally engaged between the yoke and bar whereby to yieldably maintain the member in any selected vertical position.

15 2. A device as in claim 1, including a friction plate mounted between the member and the bar and frictionally engaging said member; the fric-

tion plate being supported by the yoke securing elements.

3. A tray unit for a beauty parlor chair, said unit comprising a tray, a supporting member depending from the tray, a mounting bar adapted for connection with the back of the chair trans-
 5 versely thereof, a yoke, elements securing the yoke on the bar for sliding movement along the same, the member projecting through the yoke and being curved in section with its concave
 10 face adjacent the mounting bar; there being a friction plate mounted between the member and bar and symmetrically engaging said concave face in snug relation.

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