July 29, 1947. S. C. REAGAN, SR 2,424,786

BATHTUB HEAD REST

Filed Feb. 28, 1946

FIG. 1

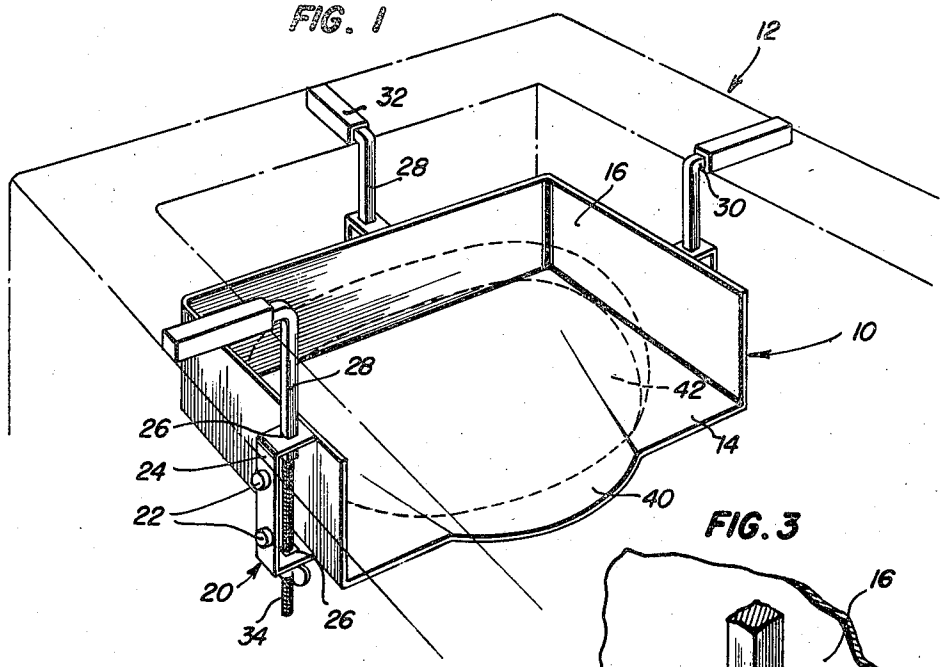


FIG. 3

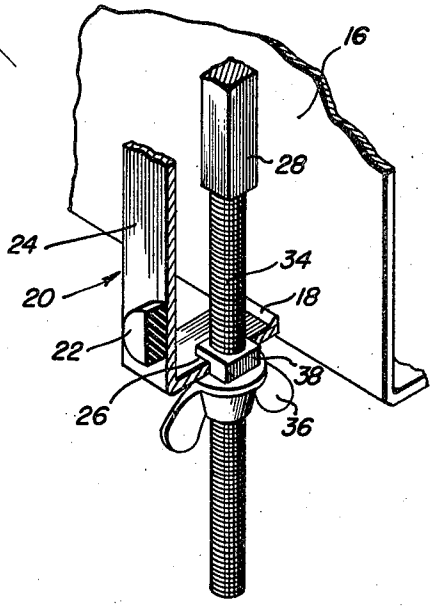
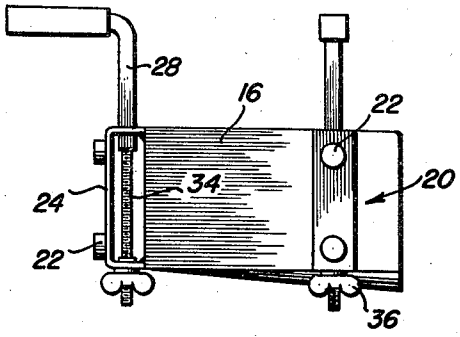


FIG. 2



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BATHTUB HEADREST

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9 Claims. (Cl. 4—185)

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My invention has reference to novel and useful improvements in a bath tub head rest and more explicitly pertains to a superior manner of adjustably positioning a head support upon the sides of a bath tub.

The objects of the invention are the provision of a device having an improved means for attaching the article to the sides of a tub, which means permits ready vertical adjustment, prevents turning and disengagement of the attachment with the tub, prevents loosening of the adjusting means, obviates damage to the tub finish by the device and withal is inexpensive, easily installed and adjusted, efficient in operation and a great accommodation to bathers and the like.

The above and numerous other objects of the invention which will become apparent as the following description proceeds, are attained by my invention, one embodiment only of which has been illustrated, merely by way of example, in the accompanying drawings, wherein:

Figure 1 is a perspective view of the invention applied to a bath tub shown in phantom construction;

Figure 2 is an enlarged perspective detail of a portion of the adjustable fastening means; and

Figure 3 is a side elevation of the invention.

Specific reference is now made to the annexed drawings, in which 10 denotes generally my improved head rest, shown mounted upon a bath tub, indicated generally by 12. The device consists of a tray-like support having a base 14, surrounded at the back and on both sides by a peripheral rim 16, which may be integral with or separately formed and mechanically attached to the base, the rim 16 being open at the front. This base is of a convenient depth to comfortably accommodate and support the head of the user, and extends substantially the width of the conventional bath tub, except for clearances to receive attaching lugs in a manner to be subsequently described.

Recognition should now be made that my head rest may be fabricated from any suitable material which will not rust or stain the bath tub, rustproof sheet metal, plastics or a combination of various materials being envisioned as satisfactory for my purposes.

Rigidly secured to the marginal rim 16 as by welding 18 or in any other reliable manner, are a plurality of supporting brackets or lugs 20, which may be formed of metal and may conveniently take the form of U-shaped brackets, attached by their ends to the side of the flange or rim. Although various suitable locations for

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attachment may be utilized, I preferably employ one support centrally mounted on the back, and one at each side, positioned forwardly of the middle transverse plane of the device, to give increased stability to the arrangement. A plurality of buffers or pads 22 of rubber, fibre or the like are attached to or socketed in the side wall 24 of the bracket 20 and act to prevent contact of the metallic bracket with the porcelain sides of the tubs to avoid marring and chipping the surface of the latter as well as serving to give a superior gripping action of the bracket upon the tub.

The bracket 20 is provided with aligned apertures 26 of square or polygonal cross section in its ends, for a purpose to be now set forth. Each bracket is provided with an adjustable support, consisting of a vertical upper member 28 of cross section corresponding to the shape of aperture 26 and slidably disposed in the upper aperture. An integral, laterally extending arm 30, suitably encased by protective cushion 32 which may be permanently or detachably secured thereon, provides means for attaching the support 28 to the rim of a bath tub. Depending from the support 28 is a rounded reduced screw threaded portion 34, loosely extending through the lower aperture 26. A wing type of adjusting nut 36 has an upper shoulder portion 38, squared or of cross section corresponding to that of aperture 26 and is threaded upon the extension 34 and is snugly receivably, in sliding relation, in the lower aperture 26.

Referring again to Figure 1, it will be seen that the base 14 is dished or depressed along its longitudinal axis to form a concave portion 40, whose configuration is such as to comfortably receive and support the head of the user. A suitable cushion or pad member, indicated by dotted lines at 42, is cemented or secured to the base to contribute to the enjoyment and well being of the user.

From the foregoing, the operation of my invention will be readily understood. The head rest is placed in a tub in the position depicted in Figure 1, with the cushioned arms 30 supporting the base from the rim of the tub 12. To adjust the base 14 to the proper height for the individual user, the base 14 and brackets 20 are raised, the upper aperture 26 sliding upwards upon the square guide surfaces 28 of the supports, and the lower apertures 26 sliding up and off the squared shoulders 38 of the wing nuts 36. The latter are now adjusted to their desired position and the base lowered until the lower apertures 36 again

receive the squared portions **38** of nut **36**. In this position, it will be noted that the upper apertures **26** prevent turning of the rods **28** and arms **30**, thereby insuring firm and rigid engagement of the device upon the tub, while the lower apertures are seated upon the shouldered portions of nuts **36** and thereby prevent rotation of the latter, constituting a locking means therefor.

It is contemplated that my invention may be employed chiefly to support the heads of infants during bathing, invalids during bathing or treatment and in general support the heads of persons when reclining in a bath tub.

While I have illustrated only one form of my invention, it will be apparent that I may avail myself of numerous modifications falling within the scope of the appended claims.

I claim as my invention:

1. A bath tub head rest comprising a tray for the head of a bather, supporting means secured to said tray, rods slidably secured to said supporting means and engageable upon the rim of a bath tub for supporting said tray solely therefrom, adjusting means carried by said rods for carrying said supporting means and tray, locking means engageable with both said rods and said supporting means for preventing rotation of said rods relative to said supporting means, and cushioning means carried by said supporting means for preventing contact of said tray and supporting means with the side of a bath tub.

2. The combination of claim 1 wherein said tray has back and side walls, said supporting means being mounted on said side walls.

3. The combination of claim 2 wherein said supporting means comprise brackets having laterally extending upper and lower arms and a side member joining the outer extremities of said arms.

4. The combination of claim 3 wherein said cushioning means comprise buffers carried by said side member.

5. The combination of claim 4 wherein a bracket is provided upon each side wall and back of said tray.

6. A bath tub head rest comprising a head supporting tray, rods having laterally extending arms for engagement with the rim of a bath tub, means securing said tray to said rods, said tray being supported solely by said arms, said means comprising supporting brackets on said tray, non-circular upper and lower apertures in said brackets for slidably receiving said rods, a squared portion upon said rods for rotation preventing engagement with said upper apertures, and adjusting means carried by said rods engaging said lower apertures.

7. The combination of claim 6 wherein said adjusting means consists of a nut, said nut having screw-threaded adjustment upon said rod.

8. The combination of claim 7 wherein said nut has a non-circular portion engageable in said lower aperture for locking said nut in predetermined adjustment on said rod.

9. A bath tub head rest including a head supporting member, means for supporting said member solely from the rim of a bath tub, means for preventing relative rotation of said supporting means and said member, additional means for vertically adjusting said member upon said supporting means, and locking means for maintaining said last means in predetermined adjusted position.

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