June 27, 1939. J. LABRUZZO 2,163,755

SHAMPOO FIXTURE

Filed Aug. 29, 1938

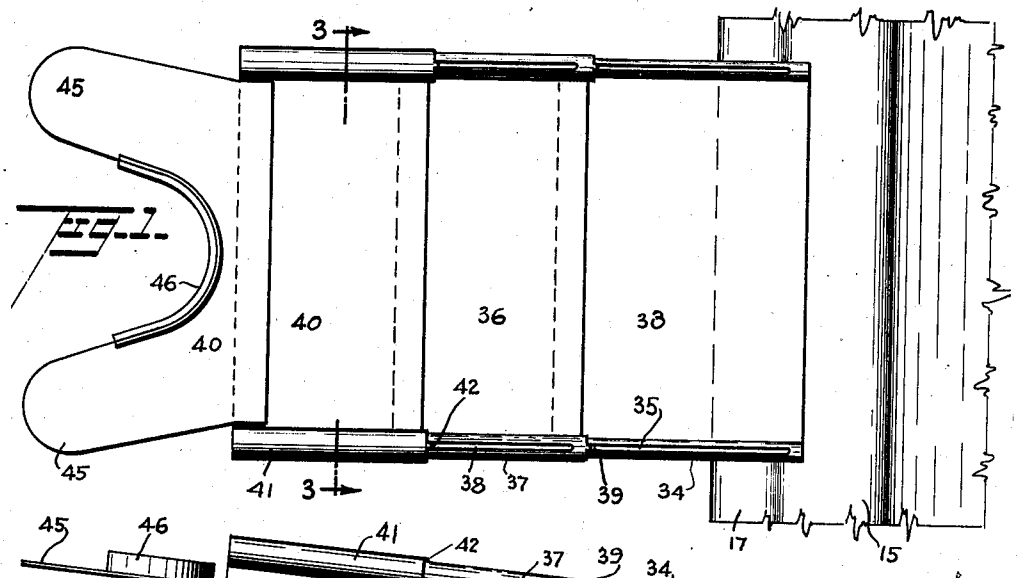


FIG. 1.

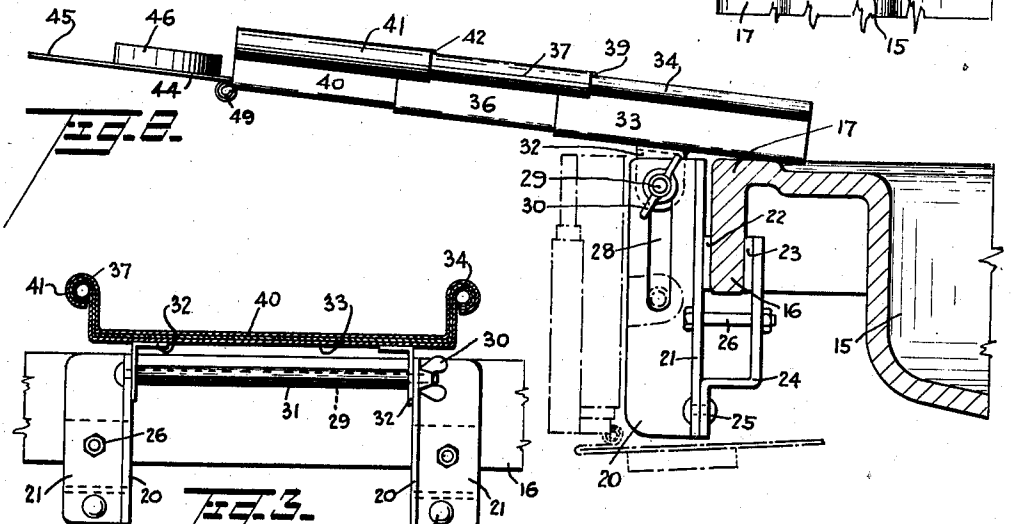


FIG. 2.

FIG. 3.

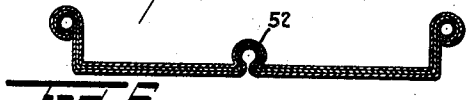


FIG. 6.

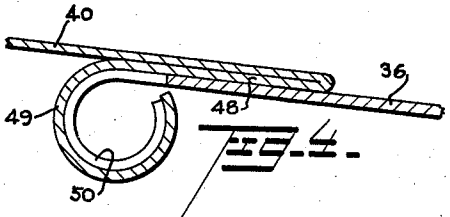


FIG. 4.

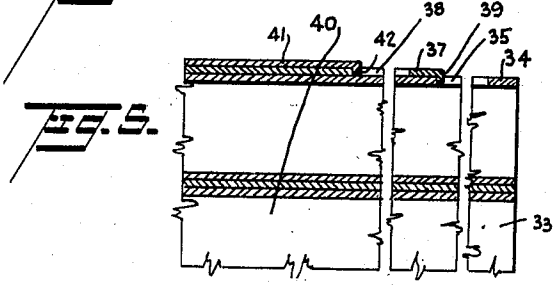


FIG. 5.

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Patented June 27, 1939 2,163,755

UNITED STATES PATENT OFFICE

2,163,755

SHAMPOO FIXTURE

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Application August 29, 1938, Serial No. 227,267

5 Claims. (Cl. 4—159)

This invention relates to shampoo apparatus, particularly of the type used in beauty parlors and barber shops.

An object of the invention is to provide a device having telescopic, tray-like elements adjustably secured at one end to a part of the wash basin in such manner, that all water used in the shampooing operation may be disposed in the drain.

A further feature is in the provision of means whereby the free end of the device is conformable to the neck and shoulders of a person undergoing shampoo treatment, both in height and distance from the basin.

Another purpose is to produce an apparatus of this type, which, when not in use, can be telescoped and conveniently hidden alongside and beneath the basin, so as to be completely out of the way, whenever the basin is to be used for another purpose.

A still further aim lies in the provision of a shampooing apparatus which may be made of metal or any other suitable material, and which is highly efficient in its use, yet comparatively inexpensive to manufacture.

These and other meritorious objects, which will become apparent as the description progresses, are accomplished by the novel and practical construction and combination of simple parts, hereinafter described and illustrated in the accompanying drawing, constituting a material component of this disclosure, and in which:

Figure 1 is a top plan view of an embodiment of the invention, shown in extended position.

Figure 2 is a side elevational view of the same, the basin being shown in section.

Figure 3 is a transverse sectional view, taken on line 3—3 of Figure 1.

Figure 4 is an enlarged fragmentary view in section, showing the roll formation.

Figure 5 is a fragmentary longitudinal sectional view, showing the arrangement of the several sections.

Figure 6 is a transverse sectional view of the telescopic elements, modified by a central reenforcement.

Referring in greater detail to the drawing, the numeral 15 designates in general the front portion of a conventional wash basin, having a down reaching brim 16 from its level top 17.

The fixture comprises a pair of opposed angles, one of the flange elements 20 extended outwardly from the front, while the other flanges 21 are spaced from the basin by cushion members 22, similar members 23 interposed between the inner surfaces of the rim 16 and XZ clamps 24, held by rivets 25 and provided with clamp bolts 26.

The flanges 20 contain longitudinal slots 28 through which freely passes a bolt 29 provided with a wing nut 30, the bolt also passing through a tubular brace 31, the ends of which abut the inner surfaces of a pair of opposed angle brackets 32.

The upper, inreaching portions of the brackets 32 are secured to the under side of the first element 33 of a slidable tray, having raised rolled lateral edges 34 containing slots 35.

Slidable over the element 33 is the opposed element 36 of the telescopic tray, which is provided with raised rolled side edges 37 having slots 38 and also projections 39 at one end, to engage the slots 35, thereby limiting the outward movement of the intermediate tray 36.

The outermost element 40 of the tray is provided with raised rolled lateral edges 41 slidable on the corresponding edges 37 and having stops 42 operable in the slots 38 and limiting the distance which the outer tray element 40 may be moved.

Attached to the element 40 is a flat plate 44 shaped to produce spaced, outstanding projections 45 adapted to rest on the shoulders of the person being shampooed, while at their curved intersections is a raised semi-collar 46 to contact the neck, this element being preferably of rubber to prevent damage and to present a safe, yielding surface, and to avoid the possibility of water flowing down over the person and wearing apparel.

In addition to the foregoing, the lower rear portion of the tray member 40 may be turned reenterably, as at 48 and shaped to produce a roll 49 overlaying a similar roll 50 on the plate 36, thus preventing water from flowing off the tray when extended.

Due to the adjustment attained by the bolt and slot connection of the tray supporting bracket, the tray may be raised and lowered to suit varying conditions, but preferably is inclined in the manner shown in Figure 2.

The tray, by reason of its construction, in addition to being tilted, may be turned down alongside the basin, as indicated by broken lines in Figure 2, when the device is not in use, and obviously can be conveniently removed if desired.

The device shown in Figure 6, while of the same general character and construction, is provided with a series of interengaged telescopic members 52 supplying additional strength and rigidity to the tray structure.

Although the foregoing is descriptive of the best known embodiment of the invention, it is to be understood that it is not to be limited to the details shown, but rather that changes may be made within the scope of the appended claims, without departure from the spirit of this invention.

Having thus described the invention, what is claimed as new and desired to secure by Letters Patent, is:

1. A shampoo apparatus adapted for attachment to a conventional basin, said apparatus comprising a series of interfitting telescopic trays, a recessed plate to rest on the shoulders carried by the outermost of said trays, a conformable collar on said plate, and means for adjusting the height of said trays.

2. A shampoo apparatus comprising a series of plate trays having raised rolled lateral edges slotted for telescopic movement, means limiting the ultimate movement of said trays, an adjustable support engageable with a fixed basin, a shoulder plate carried by the outermost of said trays, and a conformable collar carried by said shoulder plate.

3. A shampoo apparatus comprising a series of plate trays having raised rolled lateral edges slotted for telescopic movement, brackets on the rearmost of said trays, means for adjustably clamping said brackets to a fixed basin, means for raising and lowering said trays, and means on the foremost of said trays to engage the neck and shoulders of a person undergoing shampoo treatment.

4. A shampoo apparatus comprising a series of telescopic trays, means to clamp said trays adjustably to a support, interfitting guides on the lateral edges of the trays, a shoulder engaging plate on the outermost tray, means on said shoulder plate to contact the neck, means for preventing the outward flow of liquid from said trays, and means whereby said trays may be suspended perpendicularly.

5. A shampoo apparatus comprising a series of telescopic trays, means to clamp said trays adjustably to a support, interfitting guides on the lateral edges of the trays, central longitudinal telescopic reenforcements on said trays, means to prevent disassociating of the trays, and means to adjust the angularity of said trays.

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