

[54] METHOD OF SHAMPOOING HAIR

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Related U.S. Application Data

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[52] U.S. Cl. 132/7; 4/159

[51] Int. Cl.² A45D 19/00

[58] Field of Search 132/9, 7

[56] References Cited

FOREIGN PATENTS OR APPLICATIONS

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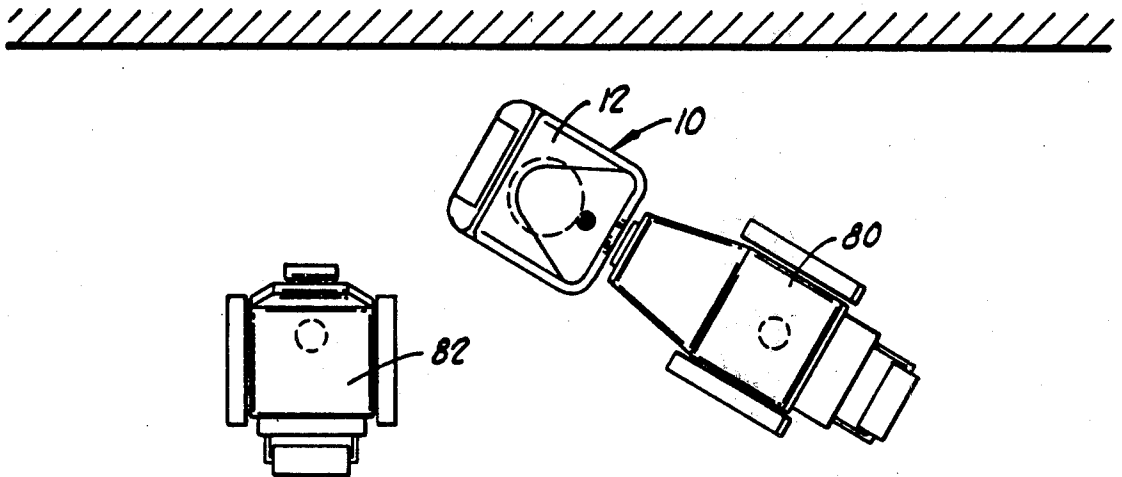
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[57] ABSTRACT

A method for of shampooing two or more individuals' hair while seated in chairs of the type that can be reclined.

2 Claims, 7 Drawing Figures



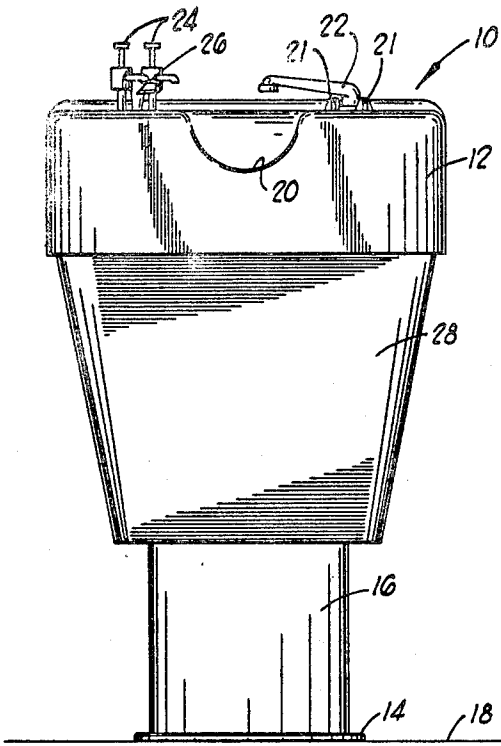


FIG. 1

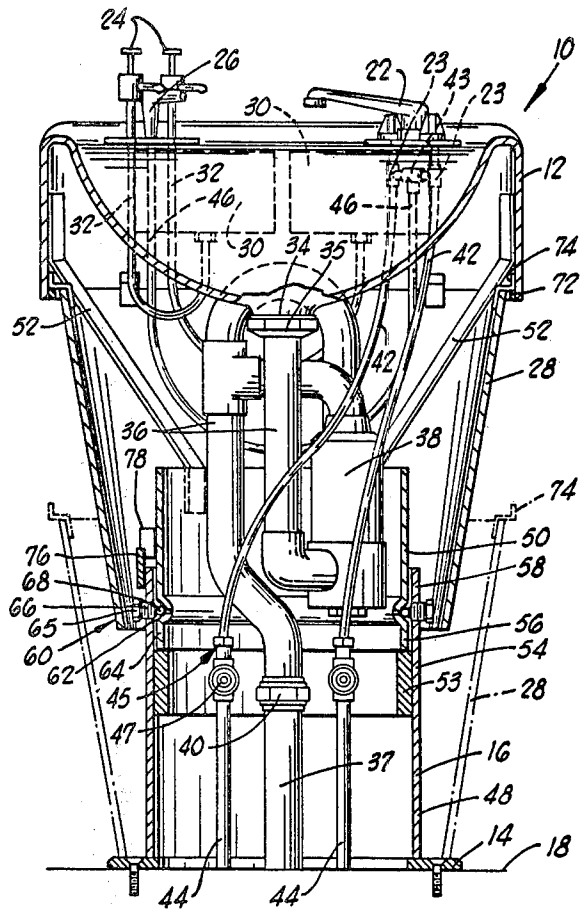


FIG. 2

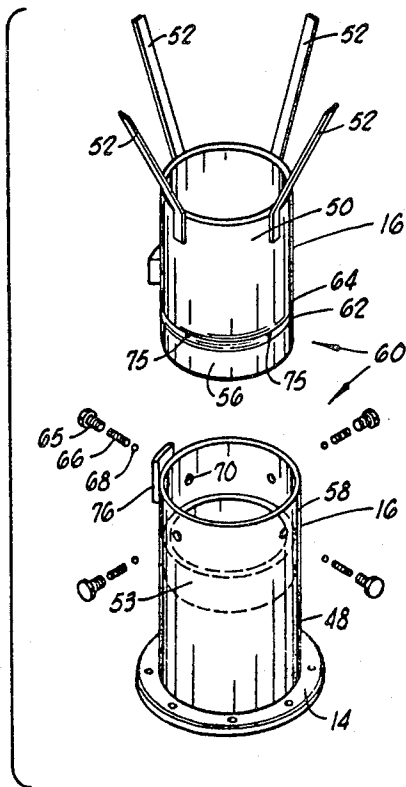


FIG. 4

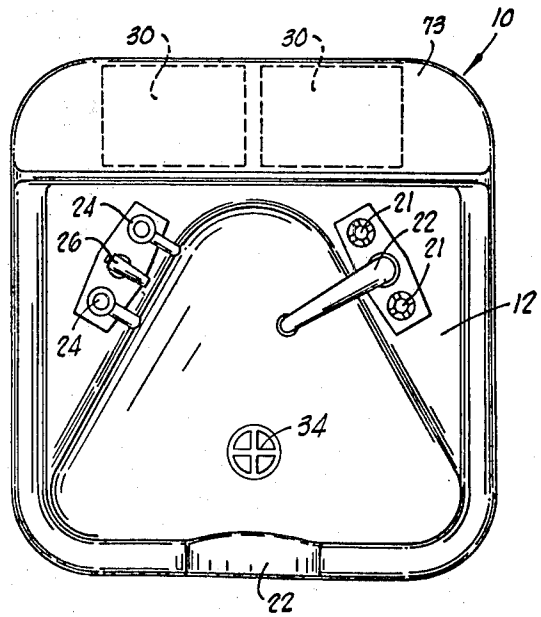


FIG. 3

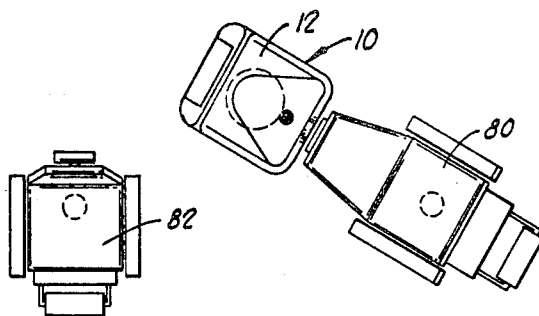


FIG. 5

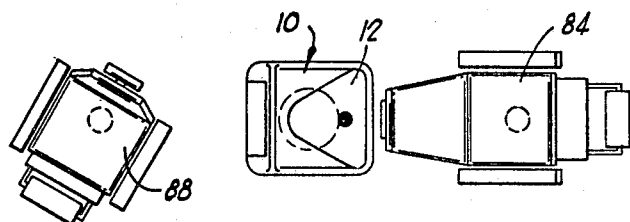


FIG. 6

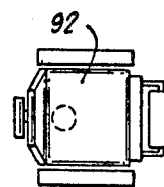
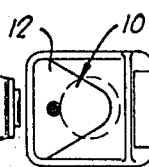
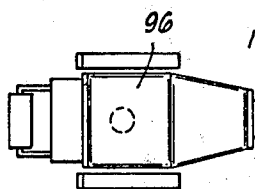
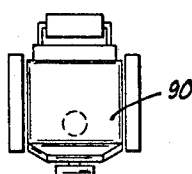
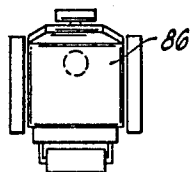
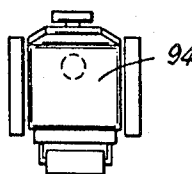


FIG. 7



METHOD OF SHAMPOOING HAIR

This is a division of application Ser. No. 389,368 filed Aug. 17, 1973 now U.S. Pat. No. 3,849,806.

BACKGROUND OF THE INVENTION**1. Field of the Invention**

This invention relates to a method of shampooing hair and more particularly, but not by way of limitation, to a method wherein a swivel shampoo bowl assembly is used to shampoo two or more individual's hair seated in chairs of the type that can be reclined, the chairs being positioned adjacent to the assembly.

2. Brief Description of the Prior Art

Heretofore various types and designs of wash basins have been used for shampooing hair. These wash basins have included soap and shampoo containers built into the basins with various types of dispensing apparatus attached to the containers. Also there has been used a swivel wash basin in conjunction with a barber chair. None of the prior art has disclosed an apparatus and method that will allow the shampooing of two or more individuals' hair seated in chairs adjacent to a single shampoo bowl assembly.

By the present invention a method of shampooing hair is provided for quickly and easily shampooing two or more individuals' hair while seated in chairs adjacent to a single swivel shampoo bowl assembly.

SUMMARY OF THE INVENTION

The present invention relates to a method of simultaneously shampooing two individuals' hair while seated in chairs of the reclining type using a single rotatable shampoo bowl assembly comprising the steps of positioning said chair on opposite sides of said rotatable shampoo bowl assembly so that each of said chairs can be reclined and the individual seated therein positioned to have his hair shampooed using said shampoo bowl assembly, rotating said shampoo bowl assembly into alignment with one of said chairs, reclining said chair, shampooing the individual's hair seated in said chair, returning said chair to its upright position and repeating the foregoing steps on the second chair and the individual seated therein.

It is therefore a general object of the present invention to provide a method of shampooing two or more individuals' hair.

A further object of the present invention is to provide a simplified method of shampooing two or more individuals' hair who are seated in a plurality of chairs adjacent to a shampoo bowl assembly.

Still a further object of the present invention is the elimination of the high cost of installing individual shampoo bowls to be used in conjunction with individual barber chairs, beauty salon chairs or the like.

Other and further objects, features and advantages of the invention will become apparent to those skilled in the art from a reading of the following detailed description of the invention when taken in conjunction with the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a front elevation of the shampoo bowl assembly.

FIG. 2 is a cutaway section of the front elevation of the shampoo bowl assembly.

FIG. 3 is a top elevation of the shampoo bowl assembly.

FIG. 4 is an exploded perspective elevation of the shampoo assembly's base and swivel.

FIG. 5 illustrates a shampoo bowl assembly adjacent to two chairs of the type that recline and the assembly positioned behind one chair in a reclined position.

FIG. 6 illustrates the shampoo bowl assembly adjacent to three chairs of the type that recline and positioned behind one chair in a reclined position.

FIG. 7 is similar to FIGS. 5 and 6 and illustrates a shampoo bowl assembly adjacent to four chairs of the type that recline and positioned behind one chair in a reclined position.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Referring now to FIG. 1 a front elevation of the shampoo bowl assembly of the present invention as shown generally designated by the numeral 10. The assembly 10 includes a bowl 12 positioned on top of a base 14 and connected by a swivel 16. The base 14 is secured to a floor 18. The bowl 12 is shown with a concave neck cutout 20 for resting an individual's neck while his hair is being shampooed in the bowl 12. The bowl 12 further includes a water faucet 22 with hot and cold water valves 21, shampoo and rinse dispensers 24, and a sprayer 26. Suspended from the bottom of the bowl 12 is a flexible skirt 28.

FIG. 2 is a cutaway of the front elevation of the assembly 10 shown in FIG. 1. Enclosed in the rear of bowl 12 are shampoo bowl compartments 30 for holding shampoo or the like. The compartments 30 are connected to the dispensers 24 by flexible lines 32. Disposed at the bottom of the bowl 12 is a drain 34 connected to a drain pipe 36 by a threaded connector 35. The drain pipe 36 is connected to a hair trap 38 comprised of a container which allows the collected hair to be settled from the drain water and removed. From the trap 38, the drain pipe 36 is connected to a drain pipe swivel connector 40. The swivel connector 40 is connected to a stationary drain pipe 37. When the bowl 12 is rotated, the swivel connector 40 allows the drain pipe 36 and the hair trap 38 connected to the drain pipe 36 to also rotate. Connected to the water faucet 22 are threaded connectors 23. Flexible hot and cold water lines 42 are connected to the connectors 23 and to hot and cold water pipes 44 by threaded connectors 45. The connectors 45 include water shut off valves 47. Also connected to the threaded connectors 23 is a threaded connector 43 which connects a flexible water line 46 to the sprayer 26.

The swivel 16 is shown having an upper annular shaped base sleeve 48 attached to the base 14 and a lower annular shaped bowl sleeve 50 attached to the bowl 12 by connecting arms 52. Collar 53 is secured to the inner periphery 54 of the base sleeve 48 and the collar 53 has substantially the same diameter as the bowl sleeve 50. Therefore, when the bottom portion 56 of the bowl sleeve 50 is inserted in the base sleeve 48 the bottom portion 56 rests on top of the collar 53 and is rotated thereon.

The bottom portion 56 of the bowl sleeve 50 and an upper portion 58 of the base sleeve 48 also include a detention apparatus 60. The apparatus 60 includes a race groove 62 around the outer periphery 64 of the bowl sleeve 50, an adjusting screw 65, a spring 66, a ball bearing 68, and an aperture 70 in the upper portion 58 of the base sleeve 48. The bearing 68 is inserted

through the aperture 70 into groove 62 and is held in place by the spring 66 and the screw 65. The bearing 68 rides in the groove 62 as the bowl sleeve 50 is rotated on top of the collar 53.

To prevent the upper sleeve 50 from rotating more than 360° on top of collar 53, a stop 78 is secured to the mid portion of the outer periphery of bowl sleeve 50. Another stop 76 is secured to the top portion of the outer periphery of the base sleeve 48. As the bowl sleeve 50 is rotated the stops 76 and 78 being of sufficient width and in alignment with each other, contact each other and sleeve 50 is prevented from further rotation.

Suspended from the inner lip 72 at the bottom of the bowl 12 are detachable clips 74 secured to the top of the flexible skirt 28. By pushing the skirt 28 inwardly the clip 74 can be quickly removed from the lip 72 and lowered to the floor 18. The lowered skirt 28 and clips 74 are shown in phantom lines.

FIG. 3 is a top elevation of the assembly 10 and shows the bowl 12 having a cover plate 73 over the rear portion of the bowl 12 and covering the shampoo compartments 30. Also shown is the faucet 22 with hot and cold water valves 21, the drain 34, the shampoo dispensers 24, the sprayer 26, and the concave neck cut-out 22.

FIG. 4 is an exploded perspective of the swivel 16 and showing the bowl sleeve 50 and the base sleeve 48. Inside the base sleeve 48 is collar 53. The detention assembly 60 is shown with adjusting screw 65, spring 66 and ball bearing 68 positioned to be inserted into aperture 70.

Also shown are ball bearing notches 75 which are positioned in the groove 62 so that the ball bearing 68 is urged into the notch 75 when the bowl 12 is positioned behind and adjacent to a selected chair. The detention assembly 60 will prevent the bowl 12 from rotating freely as the individual's hair is being shampooed.

FIG. 5 illustrates the shampoo bowl assembly 10 adjacent to two chairs 80 and 82. The chairs 80 and 82 being in a circular shaped relationship with the assembly 10. Assembly 10 is positioned behind chair 80 and chair 80 is in a reclined position.

FIG. 6 illustrates the shampoo bowl assembly 10 adjacent to three chairs 84, 86 and 88. The chairs 84, 86 and 88 are in a circular shaped relationship with assembly 10. Assembly 10 is positioned behind chair 84 and chair 84 is in a reclined position.

FIG. 7 illustrates the shampoo bowl assembly 10 adjacent to four chairs 90, 92, 94 and 96. The chairs 90, 92, 94 and 96 are in a circular shaped relationship with assembly 10. Assembly 10 is positioned behind chair 96 and chair 96 is in a reclined position.

Operation

Referring to FIGS. 2 and 4 the bowl 12 is connected to the bowl sleeve 50 by the connecting arms 52. The bowl sleeve 50 rests on top of the collar 53 and is rotated thereon. Also, as the bowl 12 is turned the detention assembly 60 keeps the bowl 12 from rotating freely. Also the groove 60 has ball bearing notches 75 into which the ball bearings 68 are urged by the spring 66 when the bowl 12 is positioned behind a selected chair as shown in FIGS. 5, 6 and 7.

While the bowl 12 connected to the bowl sleeve 50 is rotated on top of collar 53 the drain pipe 36 is also rotated by way of the drain pipe swivel connector 40.

The flexible hot and cold water lines 42 are of sufficient length to allow the bowl 12 to be rotated at least 360°. The bowl is prevented from rotating more than 360° by the stops 76 and 78 secured to the outer periphery of the sleeves 48 and 50.

When any of the plumbing lines under the bowl 12 need to be maintained or the hair trap 38 needs to be cleaned, the flexible skirt 28 which is suspended from lip 72 can be quickly removed by pushing the skirt 28 inwardly thereby releasing the clips 74 from the lip 72. When this is completed, ready access is available to maintain the assembly 10.

Referring now to FIG. 5 the assembly 10 is used for shampooing different individual's hair seated in the chairs 80 and 82 which are positioned in a circular relationship around the assembly 10 and adjacent to it. The assembly 10 is rotated behind the chair 80. The chair 80 is then reclined so that the individual's hair is positioned to be shampooed in the bowl 12. When the shampooing is completed, the chair is returned to its upright position. The assembly 10 is now rotated behind the chair 82 and another individual's hair is shampooed. The method of shampooing different individuals' hair using the assembly 10 is the same when serving three chairs (FIG. 6) or when serving four chairs (FIG. 7).

The present invention, therefore, is well adapted to carry out the objects and obtain the ends and advantages mentioned as well as those inherent therein. While presently preferred embodiments of the invention have been given for purposes of this disclosure, numerous changes in the arrangement of parts can be made by those skilled in the art which are encompassed within the spirit and scope of the appended claims.

What is claimed is:

1. A method of shampooing two individuals' hair while seated in chairs of the reclining type using a single rotatable shampoo bowl assembly comprising the steps of:
 - a. positioning said chairs on opposite sides of said rotatable shampoo bowl assembly so that each of said chairs can be reclined and the individual seated therein positioned to have his hair shampooed using said shampoo bowl assembly;
 - b. rotating said shampoo bowl assembly into alignment with one of said chairs;
 - c. reclining said chair;
 - d. shampooing the individual's hair seated in said chair;
 - e. returning said chair to its upright position; and
 - f. repeating steps (b) through (e) on the second chair and the individual seated therein.
2. A method of shampooing different individual's hair while seated in a plurality of chairs of the type that can be reclined and using a single shampoo bowl assembly having a base and a bowl rotatably connected to the base comprising the steps of:
 - a. positioning said chairs in a circular spaced relationship around said shampoo bowl assembly and adjacent to said assembly;
 - b. rotating the assembly behind a selected chair;
 - c. reclining said chair so that the individual seated in said chair is positioned to have his hair shampooed using said shampoo bowl assembly;
 - d. shampooing the individual's hair;
 - e. returning said chair to an upright position; and
 - f. repeating steps (b), (c), (d) and (e) as required to complete the shampooing of the remaining individuals seated in the remaining chairs.

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