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CHILD'S SHAMPOO CHAIR

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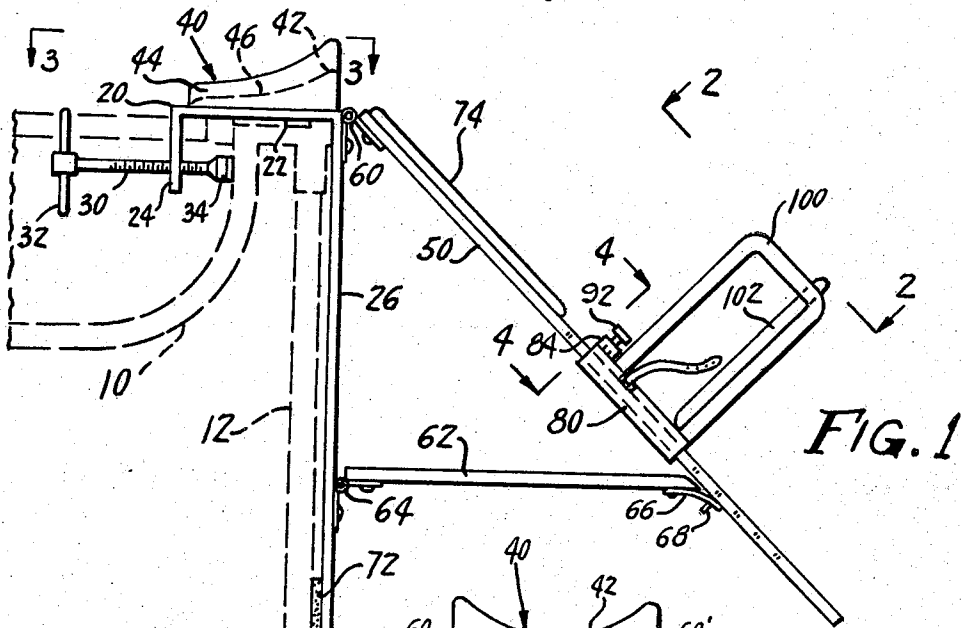
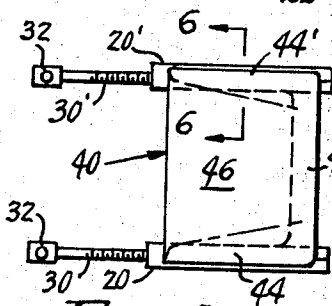


FIG. 3

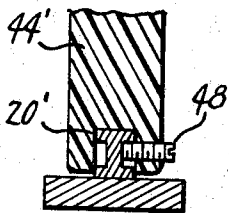


FIG. 6

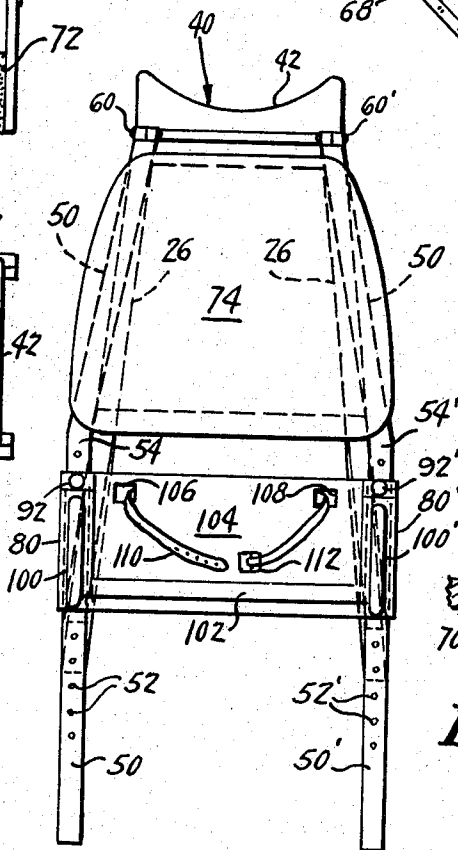
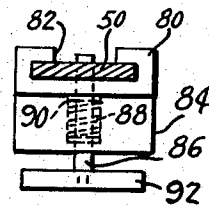


FIG. 4

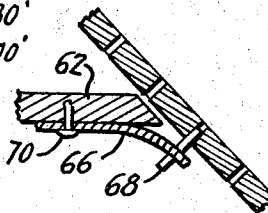


FIG. 5

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CHILD'S SHAMPOO CHAIR

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ABSTRACT OF THE DISCLOSURE

A shampoo chair secured to a sink for adjusting the angle of repose of a child supported by the seat adjacent the sink including a hook for engagement in the sink and support by the front of a sink cabinet, a pair of support rods hingeably secured at the top of the hook, a pair of rods for adjusting the angle of the support rods relative to the hook, a back support board on the support rods, and a seat slidably received on the support rods for vertical adjustment thereon by means of pins for selective reception in apertures in the support rods is disclosed.

This invention relates to a chair for supporting a child while performing a shampoo. More specifically, this invention relates to a chair which is secured to a sink which supports the child on a supporting platform adjacent the edge of the sink and includes a concave headrest for supporting the child's head and directing the shampoo solution into the sink.

It is common practice to shampoo a child's hair in a shower, holding the head over the kitchen sink, provided the child is tall enough, or by other equally inconvenient means. Each of the methods presents the problem of soap, lotions, and other preparations falling into the child's eyes causing pain, confusion, and discomfort. The job is very messy and is never thoroughly done under existing circumstances and conditions. It is therefore, an object of this invention to provide a shampoo chair for supporting the child adjacent a sink in a comfortable position providing ready access to the hair and means for directing the shampoo solution and rinse water into a sink.

It is a further object of this invention to provide a shampoo chair for supporting a child adjacent the edge of the sink with his or her head in a position over the edge of the sink and lying backward to prevent rinse solutions and shampoo solutions from flowing into the child's eyes.

An additional object of this invention is the provision of a shampoo chair which may readily be secured to most standard sinks for supporting a child adjacent the sink with his head in a convenient position for shampooing.

A more specific object of this invention is the provision of a shampoo chair for supporting a child's body in a reclining position adjacent the edge of the sink and supporting the child's head in a concave headrest over the edge of the sink to provide ready access to the hair and to direct shampoo fluids and rinse solutions into the sink.

An important object of this invention is the provision of a child's shampoo chair including a headrest for supporting the child's head over the edge of a sink and directing shampoo solutions into the sink and further for adjusting the support members for the child's body to accommodate children of all ages and sizes.

It is a further object of this invention to provide a shampoo chair for children which may be secured to any standard sink and which is readily collapsible to permit storage.

Another object of this invention is the provision of a child's shampoo chair which may be adjusted to provide a variety of reclining positions for the child and to accommodate children of several sizes.

Other objects of this invention will appear from the

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specification which follows and from the drawings to which reference is now made.

In the drawings:

FIGURE 1 is a side view of the overall invention showing its position with respect to a standard sink.

FIGURE 2 is a front view of the shampoo chair of this invention taken substantially along lines 2-2 in the direction of the arrows.

FIGURE 3 is a detail top view of the headrest of this invention taken substantially along lines 3-3 in the direction of the arrows as shown in FIGURE 1.

FIGURE 4 is a detail of the means for adjusting the support seat for the child taken substantially along lines 4-4 in the direction of the arrows as shown in FIGURE 1.

FIGURE 5 is a detail of the selectively adjustable engaging means for supporting the child's body in a desired reclining position shown in the side view and partial section.

FIGURE 6 is a detail of the interconnection between the headrest and the supporting hook of this invention taken substantially along lines 6-6 of FIGURE 3.

With reference now to FIGURE 1, the child's shampoo chair of this invention may be used with any conventional sink shown generally at 10 which is supported in a sink cabinet shown generally at 12. The shampoo chair is supported by a hook 20 which includes a horizontal portion 22 and downward extensions 24, which extend downwardly into a sink for engagement therewith, and 26 which extend downwardly adjacent the front of the sink cabinet for resting engagement therewith. The hook may be securely engaged inside the sink 10 by a thumbscrew arrangement 30 including handle 32 and engaging foot 34. Bolt 30 is threadably received in an aperture formed in the first downward extension 24 of hook 20 and may be adjusted to provide a desired forcible engagement with the sink to prevent slippage.

An important feature of this invention is the headrest 40 which comprises a pair of upward protuberances 42 sloping downwardly toward the sink to a lower edge 44 including in the center a concave portion 46. The headrest 40 is secured to hook 20 by a set screw 48 as shown in FIGURE 6. It will be apparent that the upward sloping of the headrest away from the sink tends to direct the shampoo solutions and rinses into the sink. Important also is the feature of the headrest which supports the child's head in a backward lying position thereby preventing flow of the shampoo solutions and rinse solutions into the eyes of the child. The advantages of keeping such solutions out of the eyes is apparent. Indeed, the provision of the headrest and its relation to the remainder of the shampoo chair to prevent flow of shampoo solutions into the child's eyes, with the consequent pain and discomfort, is a very important feature of this invention.

The child's body is supported on a pair of support rods 50 including a plurality of apertures 52 therein and preferably including a bend 54 which adapts the support rods for interconnection with the hook members by hinges 60. The support rods 50 serve as guide rods for supporting a seat as will be described hereinafter.

The guide rods or support rods 50 are supported in a sloping relation with respect to the second downward extension 26 of hook 20 by a support bar 62 which is hingeably secured by hinge 64 to a lower portion of downward extension 26 of hook 20. The other end of support bar 62, as best shown in FIGURE 5, includes a steel or other resilient, strike member 66 and a steel or similar dowel member 68 and is secured by a screw or pin 70 to the end of bar 62. Dowel 68 selectively engages a chosen aperture 52 in support rod 50 to provide any desired degree of slope to the body support frame. The weight of

the child's body is thus transferred through support bar 62 and pad 72 to the cabinet front 12.

A back rest 74 is provided on the body support frame for supporting the child's back in a comfortable position.

The child's body is further supported through support brackets 80, a detail of which is shown in FIGURE 4. The support bracket 80 includes a key groove 82 and a pin support means 84 including a passage for supporting pin 86 which is biased by spring 88 and keeper 90 toward key groove 82 and support rod 50. An operating button 92 may be provided on the end of pin 86. Support brackets 80 carry frame members 100 which in turn support seat member 102 generally at right angles to the support rods 50. It will be seen that the position of the seat member 102 may be adjusted along support rods 50 by selectively inserting pins 86 in the desired aperture 52 of rods 50. It will be apparent that the supporting elements of the shampoo chair may be adjusted to accommodate the size of the child therefore making the invention of great advantage to children of all ages and sizes.

A lower back rest 104 is also provided including apertures 106 and 108 through which a belt 110, having a buckle 112 thereon, extends. The belt may be used to secure the child on the supporting frame during the shampooing operation to prevent the child from climbing or falling out with the consequent possibility of injury.

It will thus be seen that a child's shampoo chair has been provided which may be adjusted to accommodate the size of the child and to position the child in a comfortable reclining position adjacent the edge of a sink with the child's head resting over the edge of the sink in a headrest which directs the shampoo solution into the sink and prevents flow of shampoo and other fluids into the child's eyes. The advantages of the invention will be apparent to those familiar with the problems of shampooing children's hair. The child shampoo chair is light, portable, easily stored, and easily adjustable to provide comfort and convenience for both the child and the parent or the person who is shampooing the child's hair.

While this invention has been described with reference to a specific embodiment, it will be apparent that changes in the particular structural elements may be made without departing from the spirit of the invention which is defined and limited by the appended claims.

I claim:

1. A child's shampoo chair comprising
 - a pair of hook members each comprising a first downward extension for insertion in a sink having a plurality of apertures formed therein, a second downward extension for disposition adjacent the front of a sink cabinet and a horizontal portion interconnecting the two downward extensions,
 - a pair of pads on the distal ends of said second extensions for engaging the front of the sink cabinet,
 - a pair of sink engaging members threadably received in the apertures in the first downward extensions,
 - a concave headrest sloping toward the first downward extensions for supporting the child's head and directing the shampoo solution to the sink, said headrest including a pair of side protuberances extending upwardly and being composed of a resilient material,
 - means securing the headrest to the horizontal hook portion,
 - a pair of support rods, having a plurality of apertures therein,

- a pair of hinges securing the support rods to the top of the second downward hook extensions,
- a pair of support brackets slidably receiving the support rods, including pin support passages therein,
- a pair of pins received in the pin support passages for selective engagement with the apertures in the support rods,
- a pair of springs biasing the pins toward the support rods,
- a seat secured to the support brackets for supporting the child,
- a pair of support bars,
- means pivotally connecting one end of the support bars to the second downward extensions of the hook members, and

means on the other end of the support bars for selectively engaging the apertures in the support rods to hold the support rods in a sloping position for supporting the child adjacent the edge of the sink at a desired angle of repose relative to the sink.

2. An adjustable shampoo apparatus for shampooing children's hair, which in combination comprises:

- a sink having a front inside wall;
- a sink cabinet including a generally vertical front surface;
- a hook member including a first extension extending downwardly into the sink, a second extension extending downwardly adjacent to and supported by the front surface of the vertical support, and a generally horizontal bight portion between the two downward extensions;
- adjustable means on the first extensions for forcibly engaging the inside wall of the sink;
- a headrest secured to the horizontal bight portion of the hook member, said headrest including
- a pair of upward protuberances disposed at the sides and a central concave portion sloping downwardly toward the sink for directing shampoo solution into the sink;
- a pair of plurally apertured support rods;
- hinges securing the support rods at their upper ends to the top portion of the second extension;
- a back support secured to said support rods;
- a movably adjustable seat slidably received on said support rods below said back;
- means on said seat for fixing the position of the seat on the support rods, said means including means for selectively engaging an aperture in said rods; and
- a pair of body angle adjusting rods pivotally connected at one end to the second extension for selective engagement with an aperture in the support rods to thereby adjust the angle of repose of the body of the child relative to the sink and headrest during use.

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