June 3, 1952 M. D. ARTMAN 2,599,217

CHILD'S SHAMPOO BOARD

Filed March 6, 1947 2 SHEETS—SHEET 1

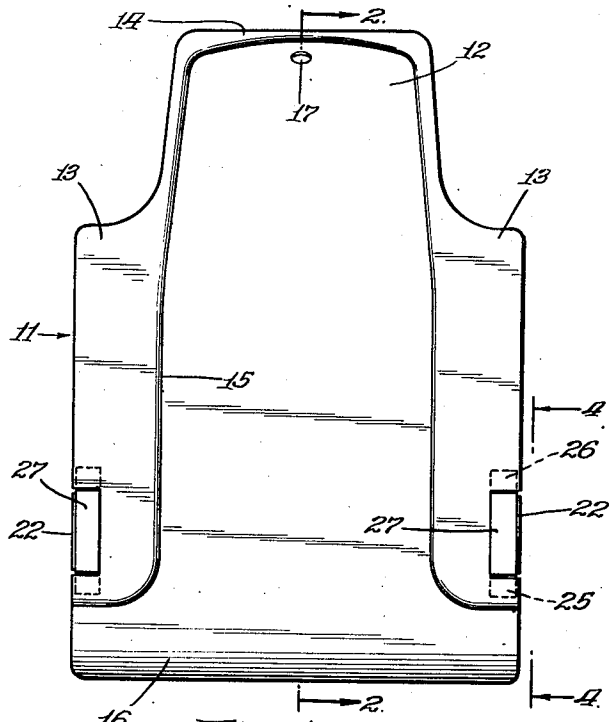


Fig. 1.

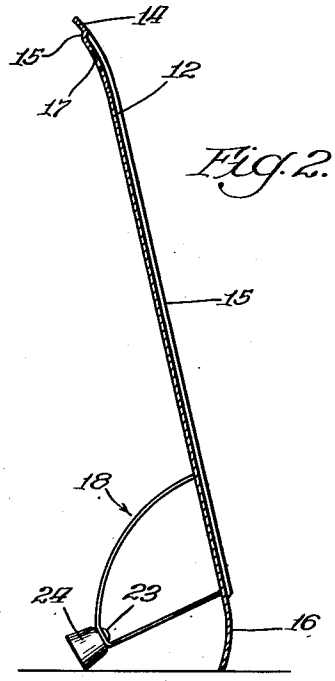


Fig. 2.

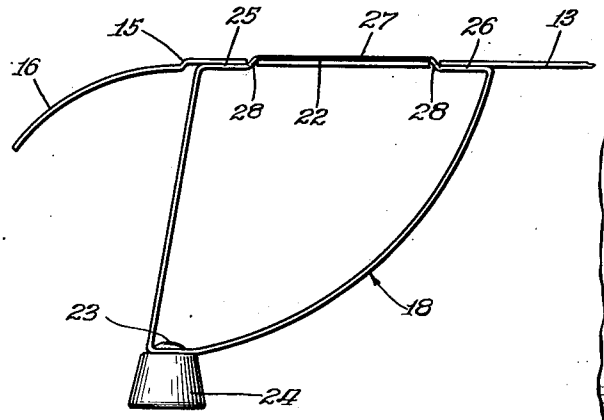


Fig. 4.

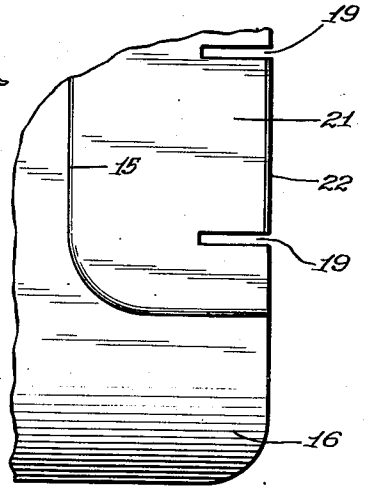


Fig. 3.

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CHILD'S SHAMPOO BOARD

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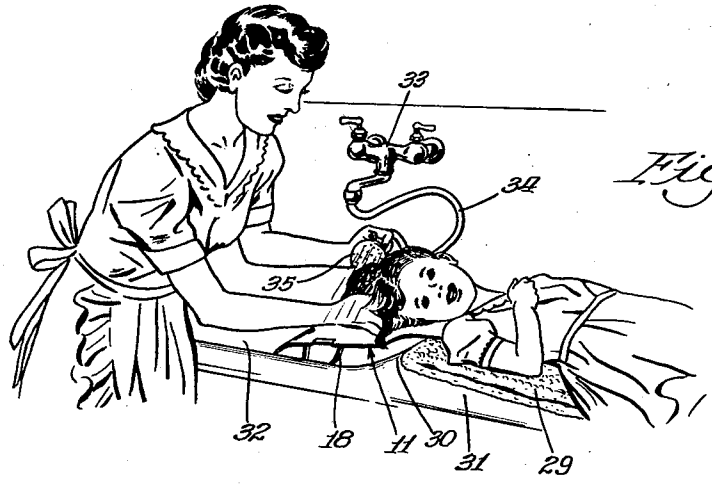


Fig. 5.

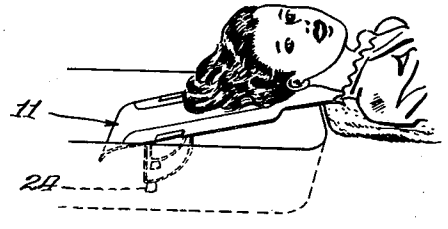


Fig. 6.

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2,599,217

CHILD'S SHAMPOO BOARD

Marion D. Artman, Chicago, Ill.

Application March 6, 1947, Serial No. 732,754

10 Claims. (Cl. 4—159)

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This invention concerns shampoo devices for children and relates more particularly to a type of device adapted to be used at a kitchen sink while the child reclines upon the associated drainboard or other working area.

An important object of the invention is the provision of a device by the use of which a child reclines comfortably in a position that no soapy water reaches his eyes during the operation.

Another object is the provision of a shampoo device including a head-supporting structure of which an end is adapted to rest upon the brim of a kitchen sink basin or the like while said structure is otherwise complementally suspended above the bottom of the basin in a manner to receive and support the head of a child whose body reclines upon a drainboard or other working area comprising an extending part of the basin or disposed adjacently thereto.

A further object is the provision of a shampoo device having a drainboard body and comprising legs spaced from an end of said body for adapting the device to be associated with a kitchen sink basin while the legless end of the body rests upon the brim of the basin and the legs upon the bottom of the basin.

A further object is the provision of a shampoo board constructed of sheet material and having a sunken trough portion extending lengthwise thereof and a downwardly turned portion at at least one end thereof cooperating with the upright edges of the sunken portion for rigidifying said body.

Another object is the provision of a shampoo device body in the form of a drainboard and having opposite ends thereof turned downwardly and thereby forming a cavity receivable of detachable legs of the device when packaged.

Another object is the provision of a shampoo board having an end supportable upon the brim of a sink basin and having means spaced lengthwise of said board from such end for supporting the main body thereof above the bottom of said basin in a position declining downwardly from the end upon the brim, and said supporting means being constructed and arranged for also supporting said board in an upwardly inclined position for display purposes.

The above and other desirable objects inherent in and encompassed by the invention together with sundry advantages thereof will be more fully comprehended upon reading the ensuing description with reference to the annexed drawings, wherein:

Fig. 1 is a plan view of a preferred embodiment of the invention;

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Fig. 2 is a sectional view taken on the line 2—2 of Fig. 1 and illustrating the device with the main body portion thereof disposed in a position slightly inclined from the upright, this being a position for display by salespeople in contrast to the working position;

Fig. 3 is a fragmentary enlarged plan view of a leg-attaching edge portion of the drainboard body;

Fig. 4 is a fragmentary enlarged side elevational view taken on the line 4—4 of Fig. 1;

Figs. 5 and 6 are perspective views illustrating use of the device at a kitchen sink.

With continued reference to the drawings, the shampoo device has a main body 11 constituting a head-supporting drainboard structure. This panel-like head-supporting structure or board 11, in the present embodiment, is formed of a single piece of sufficiently rigid sheet material as metal or a plastic.

One end portion 12 of the board is narrowed as viewed in Fig. 1 and is curved as illustrated in Fig. 2. A central portion of the board is sunken whereby there are formed side wing portions 13 and an edge portion 14 bordering the narrow end 12 which are at a higher elevation than said central portion A narrow riser 15 forms the boundary between the depressed central portion of the board and the raised wings 13 and narrow end border 14. The riser 15 serves as a strengthening rib to rigidify the board as does the curving of the two ends thereof at 12 and 16. A hang-up hole 17 is provided for the device.

Snap-on legs 18 are adapted to be detachably secured to the board by virtue of pairs of narrow parallel notches 19 in the edges of the two wings 13 nearer to the wide end 16 of the board. The pairs of notches provide tongues 21 therebetween and each tongue has a slightly upturned lip 22 upon its outer end.

The legs 18 are formed of metal strips. The two ends of a leg-forming strip are perforated and secured together by means of a rivet 23 which also serves to retain a rubber suction cup or foot 24 onto the bottom of the leg. A midsection of the leg-forming strip is bent to form shoulders 25 and 26 and a bridging section 27 therebetween. The ends of the bridging section 27 are connected with the shoulders 25 and 26 by short riser sections 28.

Section 27 of the legs 18 is of a length substantially equal to the breadth of the tongues 21 so that the legs may be attached to the board by sliding the risers 28 respectively into the notches 19. As each leg is slid toward the attached position illustrated in Fig. 1, the upturned lip 22

will bear against the underside of the bridging section 27 and cause the tongue 21 to be deflected slightly downwardly, wherefore upon the leg reaching the fully assembled position, the tongue 21 will spring upwardly to place the lip 22 for locking the leg in assembly sufficiently securely that it will not become accidentally detached.

One method of using the device is illustrated in Fig. 5. Here the narrow end 12 of the board is placed upon an end of a folded bath towel 29 which is spread upon a drainboard or other working area 31 which extends generally horizontally from a brim portion 30 of a kitchen sink basin 32. The rubber feet 24 rest upon the bottom of the basin and thereby cooperate with the brim portion 30 for complementally supporting the board in an inclined position so it will drain into the basin.

The child lies upon its back upon the towel-covered working area in such position that the back or either side of the child's head will rest upon the board portion of the device at a position near the narrow end thereof. This leaves the broad portion of the board exposed for receiving the child's hair and thus facilitates access thereto for soaping and rinsing. If a mixing faucet 33 is available, a hose 34 and spray head 35 may be used for wetting and rinsing the hair as illustrated in Fig. 5.

In addition to stiffening the board, the curving of the end portion 12 causes that part of the board beneath the neck of the child to be at a sufficiently high elevation that no water will drain down the child's neck, wherefore it is unnecessary to remove the child's clothing.

A further advantage of curving the narrow end of the board is to enable it to "bite" into the soft texture of the towel and thereby cling to the towel to insure that the narrow end of the board shall not creep toward and drop into to sink basin.

An advantage gained by supporting the body of the device complementally by a brim portion of the basin or the working area adjacently to the sink basin and by leg means depending from the board at a portion thereof spaced from the working area is that the basin depth can vary considerably without materially changing the elevation of that portion of the board upon which the child's head rests. Consequently, the device is adapted to be equipped with legs of a standard length sufficiently short to provide for a slight slope of the board in shallow basins and yet provide a suitable head support when used with modern deeper basins. Alteration of comfort to the child by the aforesaid variation in slope of the board is minimized because of the curvature in the narrow end of the board. This is because such curvature enables longer legs to be used in a shallow basin than could otherwise be used inasmuch as the curvature elevates the narrow end of the board and thereby causes the board to continue to drain toward the basin. Therefore, a longer leg can be used in conjunction with a shallow basin, and this longer leg will prevent excessive sloping and lowering of that portion of the board supporting the child's head when the board is used with a deep basin.

A further advantage gained from curving the narrow end of the board together with the curving of the broad end thereof, is the provision of a space on the underside of the board partially embraced by these curved end portions and which space is adapted to receive the detached legs when they and the board are in a carton. The carton is then reinforced by the disassembled device since the upper side of the board supports one side of the carton while the edges of the bent ends support the opposite side of the carton adjacently to the ends thereof, and the detached legs on the back or under side of the board provide support for the middle of such opposite side of the carton.

The riser 15 connecting the two portions of the board in different planes of elevation, in addition to stiffening the board, has the further effect of providing a drain channel between the wings 13. Rinse water streaming from the child's hair is for the most part confined within this channel and thereby tends to hold long hair in the channel where efficient rinsing occurs. It will be noted that the child's head is supported in a manner that no soap or water gets into the child's eyes or onto the child's face.

The legs 18 are so proportioned and located with respect to the broad end of the board that when the device is resting upon said end it can be propped in an inclined display position by the legs as illustrated in Fig. 2.

Having thus described a preferred embodiment of the invention with the view of clearly and concisely illustrating the same, I claim:

1. A child's shampoo device useable in conjunction with a basin and a body-supporting surface extending generally horizontally from a brim portion of said basin, comprising a head-supporting drainboard structure having an end portion adapted to rest upon said brim portion, and leg means for and portable with said structure and adapted to rest upon the bottom of said basin while serving complementally with said brim portion for supporting said structure in an inclined position to drain from said end portion toward the opposite end thereof and into the basin.

2. A child's shampoo device useable in conjunction with a basin and a body-supporting surface extending generally horizontally from a brim portion of said basin, comprising a head-supporting drainboard structure having an end portion adapted to rest upon said brim portion, and means attached to said structure and reactable upwardly on said structure from a portion of said basin and being thereby serviceable complementally with said brim portion for supporting said structure in an inclined position to drain from said end portion toward the opposite end thereof and into the basin.

3. A child's shampoo device useable in conjunction with a basin and body-supporting surface extending generally horizontally of the brim portion of said basin, comprising a head-supporting panel-like structure having an end portion adapted to rest upon said brim portion, and leg means attached to and depending from said structure, said leg means being adapted to rest upon the bottom of said basin while serving complementally with said brim portion for supporting said structure above the bottom of said basin.

4. A child's shampoo device comprising a head-supporting board having a downwardly turned portion at an end thereof, and thrust exerting means attached to and depending downwardly from said board at a section nearer to the opposite end thereof.

5. A child's shampoo device comprising a head-supporting board having a narrowed and downwardly turned portion at an end thereof, and thrust exerting leg means attached to and de-

pending downwardly from said board at a section nearer to the opposite end thereof.

6. A child's shampoo device comprising a head-supporting board having downwardly turned opposite end portions, and thrust exerting leg means attached to and depending downwardly from said board at a section nearer to one of the ends.

7. A child's shampoo device comprising a head-supporting board having a narrowed end portion curved downwardly at its extremity and also having its opposite end portion curved downwardly, and thrust exerting leg means depending downwardly from said board at a section nearer to said opposite end portion.

8. A child's shampoo device comprising a head-supporting panel-like structure having a depressed central portion bordered on opposite edges by upwardly turned sides effecting reinforcing ribs extending lengthwise of the structure, one end of said structure being downwardly turned from the depressed central portion and adapted for support over the brim of a basin, and leg means attached to and adapted for reacting between a section nearer the opposite end of the structure and the bottom of such basin while serving complementally with said brim for supporting said structure, so it slopes downwardly from the one end thereof.

9. A shampoo device for use in conjunction with a basin and a surface extending generally horizontally from a brim portion of such basin; a head-supporting structure, said structure having an end supportable upon said brim portion and consequently above the bottom of said basin, and support means upon a portion of said structure spaced from said end and reactable upon said basin attendant to exerting an upward force on said structure portion and thus cooperating with said brim portion in supporting said structure above the bottom of the basin.

10. A shampoo device for use in conjunction with a basin and a surface extending generally horizontally from a brim portion of such basin; a head-supporting structure, said structure having an end supportable upon said brim portion and consequently above the bottom of said basin, leg means projecting from a portion of said body adjacently to the opposite end thereof and reactable upon said basin for cooperating with said brim portion in supporting said structure above the bottom of the basin, and said leg means being cooperable with the opposite end of said structure to support it in an upwardly and backwardly inclined display position while said legs and opposite end rest on a substantially horizontal surface.

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