Oct. 19, 1948. J. L. BAZELON 2,451,652

SHAMPOO BOARD

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Fig. 1

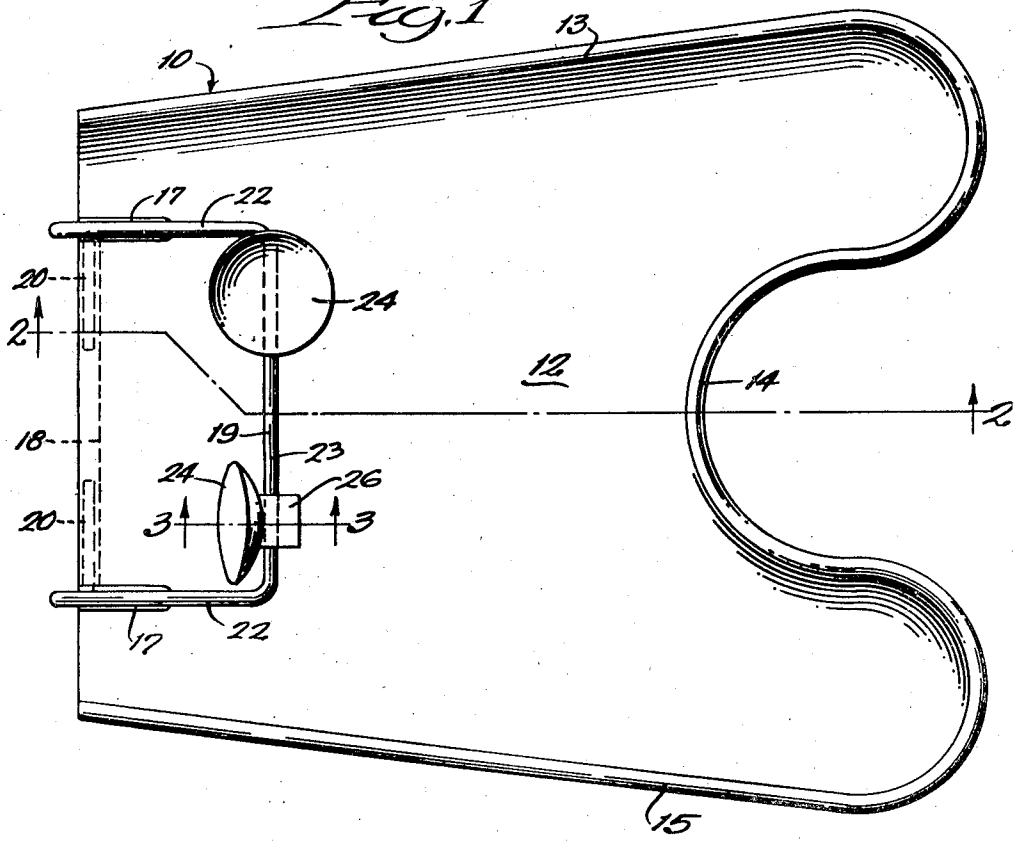



Fig. 2

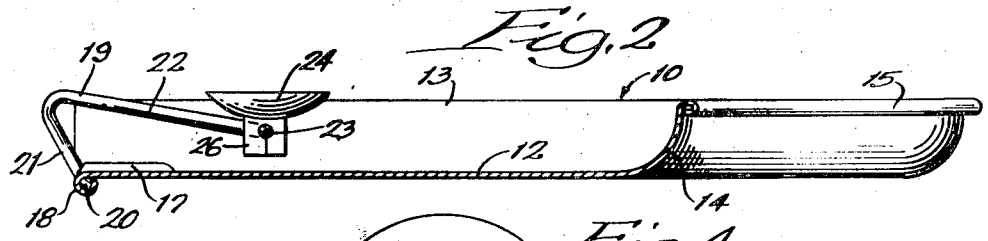



Fig. 3

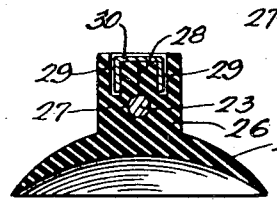
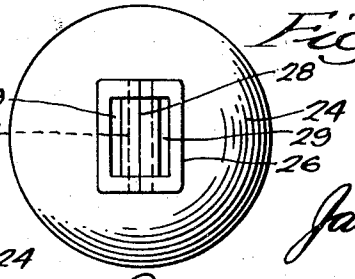



Fig. 4




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Fig. 5

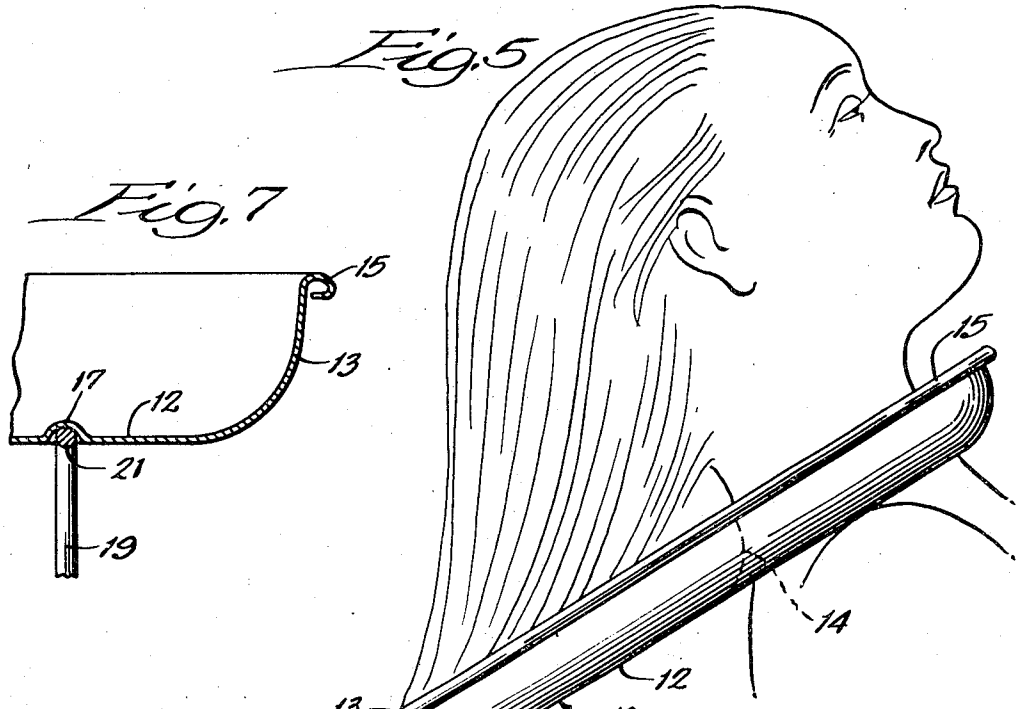
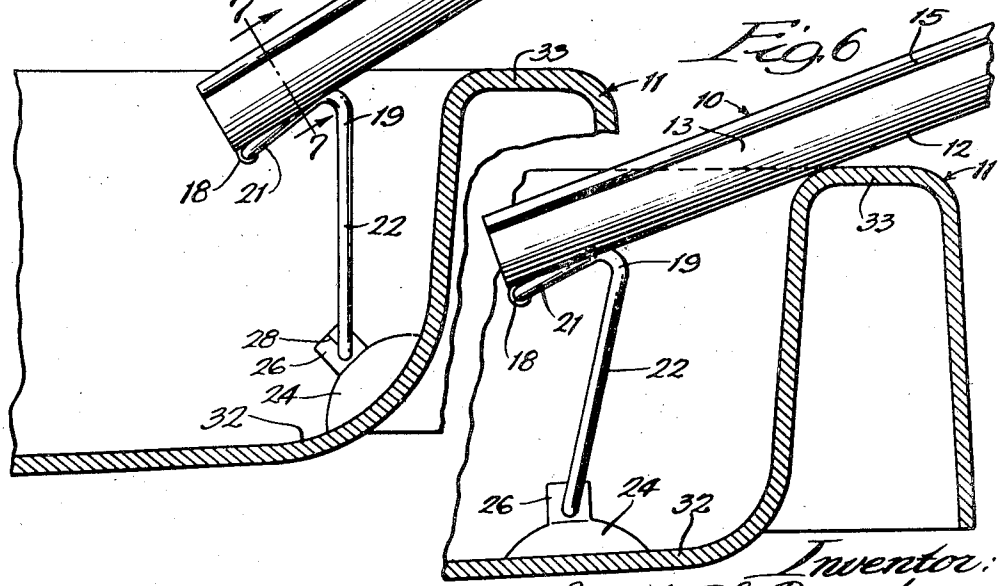



Fig. 7




Fig. 6




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## SHAMPOO BOARD

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Application March 2, 1948, Serial No. 12,590

10 Claims. (Cl. 4—159)

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This invention is directed to shampoo boards and this application is a continuation in part of my copending application Ser. No. 765,116 filed July 31, 1947.

The principal object of this invention is to provide an improved shampoo board which is particularly adaptable for use with a washbasin, which may be readily and securely mounted on the washbasin to be steady during the shampoo operation, and which may be readily detached from the washbasin and compactly folded for storage purposes when not in use. The shampoo board of this invention, while adapted for use by professionals in beauty parlors, is particularly adapted for home use, especially for the purpose of shampooing children's hair.

In carrying out this object of the invention, the shampoo board includes a trough having a neck receiving portion adjacent its upper end, a bracket adjacent the lower end of the trough and a pair of suction cups carried by the bracket for engaging the bowl portion of the washbasin for readily and securely mounting the shampoo board in the washbasin. The bracket is preferably pivotally mounted on the trough so that it may be folded into the trough for storage purposes and may be extended beneath the trough for mounting purposes. The pivoted bracket is also preferably provided with trough engaging portions so that it is substantially rigidly mounted when extended. The suction cups are preferably pivotally mounted on the bracket so that they may firmly adhere to any part of the bowl portion of the washbasin. In this way the shampoo board may be securely mounted in washbasins of varying size and shape and with the angle of tilt at any desired value. The suction cups are so arranged that they may be readily removed from the bracket and replaced with other suction cups without in any way disturbing the bracket.

Further objects of this invention reside in the details of construction of the shampoo board and the cooperative relationship between the component parts thereof.

Other objects and advantages of this invention will become apparent to those skilled in the art upon reference to the accompanying specification, claims and drawings in which:

Figure 1 is a plan view of the shampoo board with the bracket folded into the board for storage purposes;

Figure 2 is a vertical sectional view taken substantially along the line 2—2 of Fig. 1;

Figure 3 is an enlarged sectional view through

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the suction sup taken substantially along the line 3—3 of Fig. 1;

Figure 4 is a plane view of the suction cup shown in Fig. 3;

Figure 5 is an elevational view of the shampoo board showing the same mounted in a washbasin and in use;

Figure 6 is a partial view similar to Fig. 5, but showing the shampoo board mounted in a different position in the washbasin.

Figure 7 is a partial sectional view taken substantially along the lines 7—7 of Fig. 5.

The shampoo board is generally designated at 10 and is adapted to be mounted in a washbasin generally designated at 11. The washbasin may be of any type such as used in bathrooms or such as a kitchen sink and may be of any size.

The shampoo board 10 includes a dished trough 12 open at its lower end and having raised sides 13 and a neck receiving portion 14 at the upper end thereof. The trough is preferably formed from sheet metal such as sheet aluminum and the edges thereof may be rolled into a rim as indicated at 15.

The lower end of the trough is preferably embossed in two places as at 17, and the lower edge of the trough between the embossed depressions 17 is rolled into a sleeve 18 for pivotally receiving the bracket 19. The bracket 19 is preferably made from round aluminum stock and is provided with pivot portions 20 received in the sleeve 18, trough engaging portion 21 to be received in the embossed despressions 17, bracket portions 22 to extend downwardly underneath the trough and a transverse connecting portion 23. The connecting transverse portion 23 of the bracket 19 pivotally carries suction cups 24 preferably made of rubber.

The rubber suction cups are each provided with a shoulder 26 and the shoulder is in turn provided with a bore 27 for receiving the transverse connecting portion 23 of the bracket as illustrated in more detail in Figures 3 and 4. A slit 28 communicates with the bore 27 and the slit 28 may be opened for the purpose of inserting the transverse portion 23 of the bracket into the bore 27. In this way the suction cup may be readily attached to the transverse portion of the bracket without the necessity of removing the bracket from the shampoo board. This is particularly advantageous in the assembly of the shampoo board and in the replacement of suction cups.

While the suction cups may be held in place on the transverse portion of the bracket by the resiliency of the rubber shoulder keeping the slit

28 closed, it is preferable to clamp the slit 28 closed after the suction cup is mounted on the bracket. Any suitable clamping means may be utilized for this purpose. A particularly simple clamping means is illustrated in Figs. 3 and 4. In this connection the shoulder 26 is provided with a pair of grooves 29 located on each side of slit 28. A metal clip 30 which is U-shaped in cross section is inserted in the grooves 29 as shown in Fig. 3 for the purpose of clamping closed the slit 28. In this way the suction cup is firmly held for pivotal movement on the bracket. The suction cup may be readily removed from the bracket and be replaced by merely removing the clip 30, spreading the slit and removing the suction cup.

When the shampoo board is not in use and is stored away the bracket 19 is folded against the trough 12 as indicated in Figs. 1 and 2, thus the dimensions of the shampoo board are maintained at a minimum so that it may be conveniently stored when not in use.

When the shampoo board is to be used the bracket 19 is extended underneath the shampoo board as indicated in Figures 5 and 6 with the shampoo board engaging portions 21 of the bracket engaging the embossed depressions 17 as shown in Figure 7. The shampoo board is then placed in the washbasin 11 and the suction cups 24 carried by the bracket 19 engaging and gripping the bowl portion 32 of the washbasin whereby the shampoo board is securely held therein. The under portion of the shampoo board may rest upon the rim portion 33 of the washbasin as illustrated in Figure 6 or may rest upon the shoulders of the person whose hair is being shampooed as indicated in Figure 5. In either event the shampoo board is prevented from slipping into the washbasin by reason of the trough engaging portions 21 of the bracket engaging in the embossed depressions 17. To obtain the proper height of the shampoo board and the proper tilt thereof the suction cups may be mounted in varying positions in the bowl portion of the washbasin such as is indicated in Figures 5 and 6. Because of the pivotal connection between the suction cups and the bracket, the bracket and hence the shampoo board may be tilted to any desired position.

In the use of the shampoo board the neck of the person whose hair is being shampooed is placed in the neck receiving portion 14 thereof as is illustrated in Figure 5. Because the shampoo board is readily adaptable to different sizes and types of washbasins, it is readily adjustable as to tilt and height, is readily mounted and removed and is readily stored away when not in use, it is particularly adaptable for home use and especially in the shampooing of children's hair.

While for purposes of illustration one form of this invention has been disclosed, other forms may become apparent to those skilled in the art upon reference to this disclosure, and therefore, this invention is to be limited only by the scope of the appended claims.

I claim:

1. A shampoo board for use with a washbasin, comprising a dished trough adapted to overlie the rim portion of the washbasin and open at the lower end and having a neck-receiving portion adjacent its upper end, a bracket pivoted to the trough adjacent the lower end thereof to be folded against the trough or extended underneath the trough, and a pair of suction cups mounted on the bracket to engage the bowl portion of the washbasin to mount the shampoo board on the washbasin.



2. A shampoo board for use with a washbasin, comprising a dished trough adapted to overlie the rim portion of the washbasin and open at its lower end and having a neck-receiving portion adjacent its upper end, a bracket carried by the trough adjacent the lower end thereof and having a transverse portion, and a pair of suction cups pivotally mounted on the transverse portion of the bracket to engage the bowl portion of the washbasin to mount the shampoo board on the washbasin.

3. A shampoo board for use with a washbasin, comprising a dished trough adapted to overlie the rim portion of the washbasin and open at its lower end and having a neck-receiving portion adjacent its upper end, a bracket pivoted to the trough adjacent the lower end thereof to be folded against the trough or extended underneath the trough and having a transverse portion, and a pair of suction cups pivotally mounted on the transverse portion of the bracket to engage the bowl portion of the washbasin to mount the shampoo board on the washbasin.

4. A shampoo board for use with a washbasin, comprising a dished trough adapted to overlie the rim portion of the washbasin and open at its lower end and having a neck-receiving portion adjacent its upper end and pivot openings adjacent its lower end, a bracket pivoted at the lower end of the trough to be folded against the trough or extended underneath the trough and including pivot portions received in the pivot openings of the trough, bracket portions to extend downwardly underneath the trough and a transverse portion, and a pair of suction cups pivotally mounted on the transverse portion of the bracket to engage the bowl portion of the washbasin to mount the shampoo board on the washbasin.

5. A shampoo board for use with a washbasin, comprising a dished trough adapted to overlie the rim portion of the washbasin and open at its lower end and having a neck-receiving portion adjacent its upper end and pivot openings adjacent its lower end, a bracket pivoted at the lower end of the trough to be folded against the trough or extended underneath the trough and including pivot portions received in the pivot openings of the trough, trough engaging portions, bracket portions to extend downwardly underneath the trough and a transverse portion, and a pair of suction cups pivotally mounted on the transverse portion of the bracket to engage the bowl portion of the washbasin when the bracket is extended with the trough engaging portions of the bracket engaging the trough to mount the shampoo board on the washbasin.

6. A shampoo board for use with a washbasin, comprising a dished trough adapted to overlie the rim portion of the washbasin and open at its lower end and having a neck-receiving portion adjacent its upper end, a bracket carried by the trough adjacent the lower end thereof and having a transverse portion, and a pair of suction cups pivotally mounted on the tarnsverse portion of the bracket to engage the bowl portion of the washbasin to mount the shampoo board on the washbasin, each suction cup having a shoulder provided with a bore for receiving the transverse portion of the bracket and a slit communicating with the bore to be opened for

inserting the transverse portion of the bracket in the bore.

7. A shampoo board for use with a washbasin, comprising a dished trough adapted to overlie the rim portion of the washbasin and open at its lower end and having a neck-receiving portion adjacent its upper end, a bracket carried by the trough adjacent the lower end thereof and having a transverse portion, and a pair of suction cups pivotally mounted on the transverse portion of the bracket to engage the bowl portion of the washbasin to mount the shampoo board on the washbasin, each suction cup having a shoulder provided with a bore for receiving the transverse portion of the bracket and a slit communicating with the bore to be opened for inserting the transverse portion of the bracket in the bore, and means for maintaining the slit closed.

8. A shampoo board for use with a washbasin, comprising a dished trough adapted to overlie the rim portion of the washbasin and open at its lower end and having a neck-receiving portion adjacent its upper end, a bracket carried by the trough adjacent the lower end thereof and having a transverse portion, and a pair of suction cups pivotally mounted on the transverse portion of the bracket to engage the board portion of the washbasin to mount the shampoo board on the washbasin, each suction cup having a shoulder provided with a bore for receiving the transverse portion of the bracket and a slit communicating with the bore to be opened for inserting the transverse portion of the bracket in the bore, and a clamp engaging the shoulder on either side of the slit for maintaining the slit closed.

9. A shampoo board for use with a washbasin, comprising a dished trough adapted to overlie the rim portion of the washbasin and open at its lower end and having a neck-receiving portion adjacent its upper end and pivot openings adjacent its lower end, a bracket pivoted at the lower end of the trough to be folded against the trough



or extended underneath the trough and including pivot portions received in the pivot openings of the trough, and a pair of suction cups mounted on the bracket to engage the bowl portion of the washbasin to mount the shampoo board on the washbasin.

10. A shampoo board for use with a washbasin, comprising a dished trough adapted to overlie the rim portion of the washbasin and open at its lower end and having a neck-receiving portion adjacent its upper end and pivot openings adjacent its lower end, a bracket pivoted at the lower end of the trough to be folded against the trough or extended underneath the trough and including pivot portions received in the pivot openings of the trough and trough engaging portions, and a pair of suction cups mounted on the bracket to engage the bowl portion of the washbasin when the bracket is extended with the trough engaging portions of the bracket engaging the trough to mount the shampoo board on the washbasin.

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