May 15, 1951 Z. A. McGEE 2,552,803

FACE SHIELD

Filed Aug. 12, 1949

FIG. 1

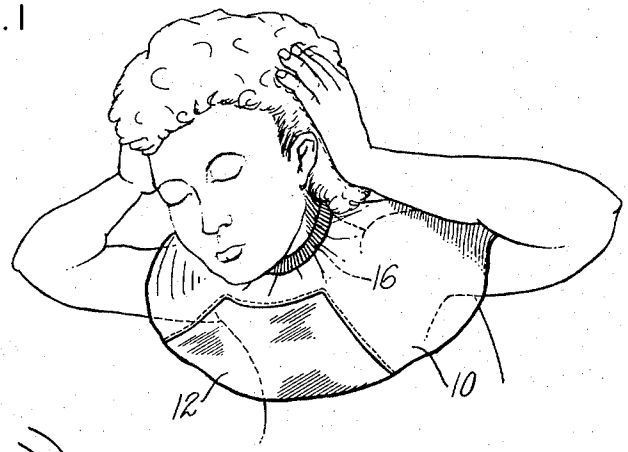


FIG. 2

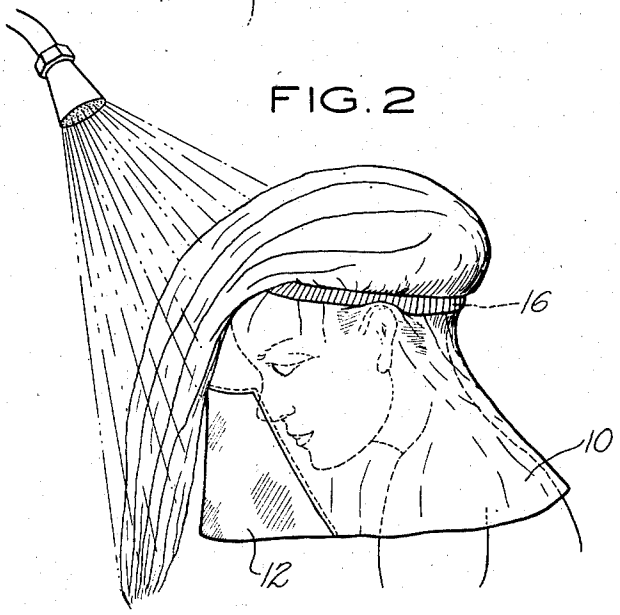


FIG. 3

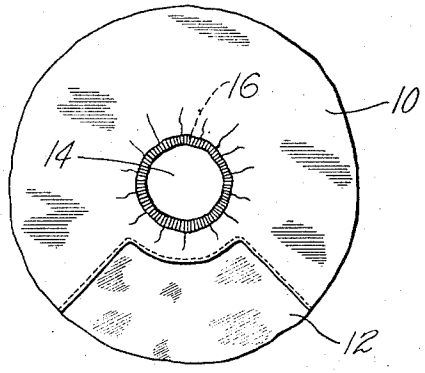
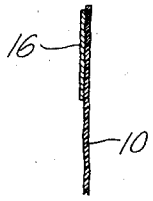


FIG. 4



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FACE SHIELD

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1 Claim. (Cl. 2—174)

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This invention relates to a flexible and impervious cap or shield to be stretched about the head to protect the face during shampooing, washing or otherwise treating the head or scalp.

An object of importance of the invention is to provide a waterproof shield which may be worn about the neck during one portion of a head or scalp treatment and during another or later portion of the treatment may be worn in stretched condition about the head substantially below the hair line but above the face.

A feature that enables the above object to be effective is that the shield is made from a substantially circular piece of flexible and impervious or waterproof sheet material such as rubber, plastic, rubberized silk or other elastic or inelastic fabric, there being a central opening formed in the sheet through which the head may be extended.

Another object of the invention is to provide an opening in the circular sheet that may be sufficiently expanded to permit the head to pass through the opening but which will snugly fit about the neck and head when in operative position.

And finally it is an object of the invention to provide a reinforcement at the periphery of the opening, preferably formed of elastic band material, attached as by being bonded to the material forming the shield adjacent the opening while the band material is stretched relative to the shield material so that the opening can be greatly expanded and so that when tension is removed from the band material the material forming the shield will be shirred about the opening.

With the above and other objects in view the invention includes the features of construction and operation set forth in the following specification and illustrated in the accompanying drawing.

In the accompanying drawing annexed hereto and forming a part of this specification, I have shown the invention embodied in a convenient size shield of circular outline but it will be understood that the invention can be otherwise embodied and that the drawing is not to be construed as defining or limiting the scope of the invention, the claim appended to this specification being relied upon for that purpose.

In the drawing:

Fig. 1 shows a front view of the shield being worn in one operative position;

Fig. 2 is a side view of the shield shown being worn in another operative position;

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Fig. 3 is a plan view of the shield, and

Fig. 4 is a cross sectional view through the shield adjacent its opening and showing the reinforcing band.

In the above mentioned drawing, there has been shown but one embodiment of the invention which is now deemed preferable, but it is to be understood that changes and modifications may be made within the scope of the appended claim without departing from the spirt of the invention.

Referring more in detail to the figures of the drawing and first to Fig. 3, it will be seen that the shield comprises a large generally circular piece of flexible thin and impervious material 10. Preferably but not necessarily the material 10 may be stretchable or elastic and such that it will return to its normal dimension when not under tension. Also as shown in Fig. 3 one section may be formed of transparent material 12 stitched or otherwise fastened to the material 10 forming the principal portion of the shield.

Within the central portion of the shield is an opening 14 of circular outline to permit the shield to pass over the head of the user as shown in Fig. 1.

Preferably and as shown in the drawing the edge of the opening 14 may have applied to it on its underside an elastic band 16. This band 16 is attached to the edge of the opening 14 while the band 16 is in stretched condition. The contraction of the band when tension is released will shir the material 10 of the shield adjacent the opening and permit the shield to snugly engage the wearer's neck. The elasticity of the band 16 permits the shield to be stretched around the opening sufficiently to enlarge the opening and pass over the wearer's head when being applied to the positions shown in Figs. 1 or 2.

The band 16 after the shield is applied as shown in Fig. 1 snugly fits about the neck of the wearer to protect clothing worn by the user. During the rinsing or drying of the hair the shield may be worn as indicated in Fig. 2. The band 16 is sufficiently elastic and resilient to expand to and fit in this position and be retained firmly in position by the contractive force of the reinforcing band 16.

As shown in the Figures 1, 2 and 3 of the drawing, the reinforcing band 16 is attached or bonded to the material 10 by a heated crimping iron to give a finished and ornamental effect to the shield adjacent the opening. By this method of attachment for the band 16 to the material 10 stitches about the periphery of the opening

which would restrict the enlargement of the opening are avoided.

I claim as my invention:

A shampoo shield comprising a circular piece of flexible impervious sheet material having a recessed portion in its periphery and a central expansible opening therein, said material being shirred around the opening to permit enlargement of the opening, a stretchable re-inforcing member surrounding the periphery of said opening and permanently bonded thereto throughout the edge thereof whereby said shield may be worn closely fitted about the head or neck, and a transparent section of flexible impervious material forming a part of said shield, the side and inner edges of said transparent section being attached to and filling the recessed portion of said shield and the outer edge of said transparent section forming a continuous portion of the periphery of the shield.

ZITELLA A. McGEE.

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