Aug. 30, 1927. 1,640,676

J. E. SHAEFFER

SHAMPOO SHIELD

Filed April 7, 1925

Fig. 1.

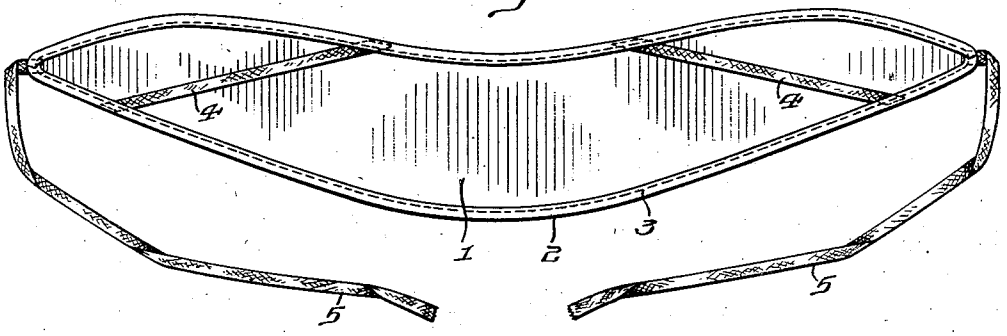


Fig. 2.

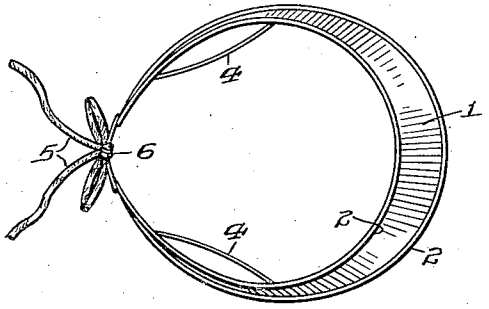


Fig. 3.

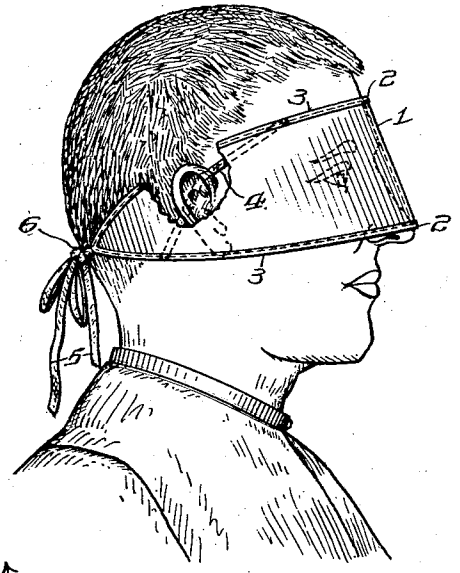


Fig. 4.

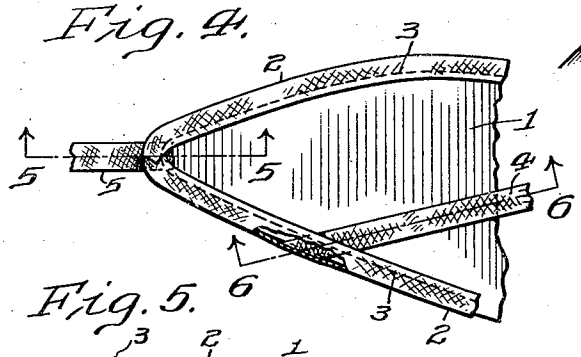


Fig. 5.

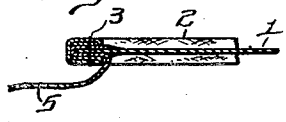
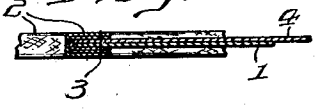


Fig. 6.



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UNITED STATES PATENT OFFICE.

JULIA EPPERS SHAEFFER, OF PHILADELPHIA, PENNSYLVANIA.

SHAMPOO SHIELD.

Application filed April 7, 1925. Serial No. 21,388.

The object of the present invention is to provide a simple and effective device for overcoming the annoyance and discomfort usually experienced by a person receiving a shampoo, on account of the water and soap running down the face and getting into the eyes, ears, nose and mouth.

Another object of the invention is to provide a device of this character which may be readily applied to shed the water and soap and thus protect the face, and which has improved supporting means for holding it securely in an operative position and preventing it from becoming displaced during the shampooing operation.

A further object of the invention is to provide a shampoo shield having straps on the inner face thereof opposite the portions of the shield adapted to extend over and protect the ears; such straps being so arranged as to effectively engage the ears of the user to support the shield, and being also arranged to accommodate themselves without adjustment to the different relative positions of the ears of different users.

A further object of the invention is to provide a shampoo shield which is sanitary in construction, is not likely to get out of order, and may be easily and cheaply manufactured.

With these and other objects in view the invention consists of the various novel features of construction and arrangement hereinafter set forth and illustrated in the accompanying drawings, in which—

Figure 1 is an inside face view of the shampoo shield in its inoperative or flat position.

Fig. 2 is a plan view showing the position which the parts would occupy when applied.

Fig. 3 is a side elevation illustrating the application of the device and showing it in an operative position, a portion being broken away to illustrate the engagement of the strap with the ear.

Fig. 4 is an enlarged detailed view of a portion of the shield.

Fig. 5 is an enlarged detailed sectional view taken on the line 5—5 of Fig. 4.

Fig. 6 is an enlarged detailed sectional view taken on the line 6—6 of Fig. 4.

My improved shampoo shield comprises a body 1 of suitable flexible, waterproof material, such as celluloid. The body is preferably of elongated form and is adapted to be flexed longitudinally to conform to the user's head, with the intermediate portion fitting the forehead and the end portions fitting the sides of the head and extending over the ears. The edges of the body are preferably covered with a binding 2 embracing the margin of both faces of the body and stitched in position as indicated at 3, so as to protect such edges and prevent them from injuring the user when the device is applied.

Extending across the inner face of the body opposite the respective end portions thereof are flexible straps 4. Each strap is connected to the body at points spaced apart both in the direction of the length and in the direction of the width of the body, so that one of such points of connection is located below and nearer the adjacent extremity of the body than the other point.

The lines of attachment of the straps thus extend diagonally across the respective end portions of the body, and are inclined downwardly toward the respective extremities thereof, as shown. In the preferred embodiment of the invention the straps extend between the top and bottom edges of the body and are secured thereto by having their ends inserted under the binding 2 and held by the stitching 3. While such an arrangement has been found to be both simple and convenient, it will be understood that other suitable ways of securing the straps may be employed.

By virtue of the flexible construction of the body it is adapted to normally lie flat when not in use, so as to occupy a minimum space and to be capable of being conveniently stowed away. It will be noted that the straps 4 are of such a length that they are held substantially taut between their points of connection and lie flat against the corresponding face of the body when the latter is in its normal position. The straps are thus out of the way when the device is not in use and are not likely to become entangled with adjacent objects or to be torn or pulled loose thereby. However, when the body is flexed to fit the head of the user, as above described, a certain amount of slack is provided in the straps, whereby to form loops which may be readily engaged over the ears of the user to support the shield and prevent it from slipping downwardly out of operative position. It

has been discovered that by disposing the lines of attachment of the straps diagonally, so that they incline downwardly and rearwardly when the device is applied, the straps will not only engage the top of the ears, but will also be drawn downwardly behind the ears, thus securing a more effective engagement therewith and preventing accidental displacement during the shampooing operation. Furthermore, this diagonal arrangement causes the straps to accommodate themselves without adjustment to different relative positions of the ears of different users. It is a well-known fact that the position of the ears varies somewhat in different individuals, and this peculiarity presents a problem in connection with the present invention. The diagonal arrangement of the straps meets this problem in a very simple and effective way and adds materially to the range of usefulness of the shield, so that it is capable of being applied to different users without the necessity of being especially fitted or adjusted for the purpose.

In order to further secure the shield in position, means are also provided for connecting the extremities thereof at the back of the user's head. This may be accomplished in various ways, as, for instance, by attaching bands 5 to the respective extremities of the body 1. When the shield has been flexed to fit the head and the straps 4 engaged with the ears, these bands are drawn together and tied, as indicated at 6. The tension of the bands should be sufficient to hold the upper edge of the body of the shield tightly against the head, so as to prevent the water and soap from flowing down behind the shield during the shampoo. The body of the shield will project downwardly and outwardly away from the head and thus serve to shed the water and soap and prevent the same from running into the eyes, ears, nose and mouth of the user.

It will thus be seen that I have provided an extremely useful article, which may be readily applied to protect the face, which is sanitary in construction and may be safely employed by different users, which is securely held in position by simple and effective means, which is not likely to get out of order, and which may be easily and cheaply manufactured.

Having described my invention, I claim and desire to secure by Letters Patent:—

1. A shampoo shield comprising a flexible body adapted to fit the forehead of a user with its end portions extending rearwardly over and protecting the ears, ear-engaging straps carried by the respective end portions of said body on the inner face thereof, each strap being secured to the body at spaced points, and means for connecting the ends of said body.

2. A shampoo shield comprising a flexible body adapted to fit the forehead of a user with its end portions extending rearwardly over and protecting the ears, ear-engaging straps carried by the respective end portions of said body on the inner face thereof, each strap being secured to the body at spaced points in a line inclined rearwardly and downwardly, and means for connecting the ends of said body.

In testimony whereof, I have signed my name to this specification.

JULIA EPPERS SHAEFFER.