Dec. 10, 1935. T. A. HORN ET AL 2,023,683

FOREHEAD SHIELD

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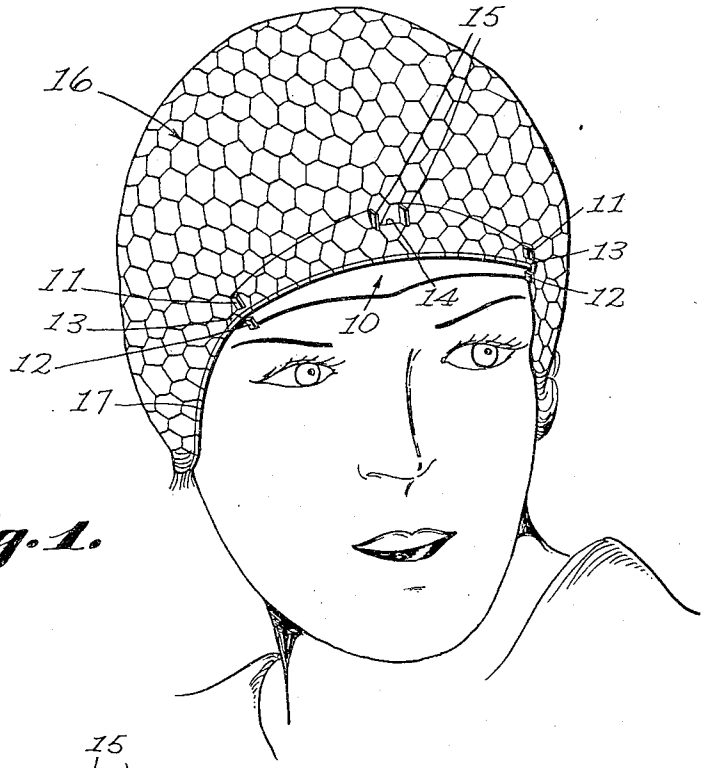


Fig. 1.

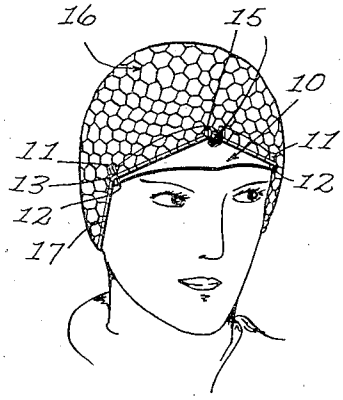


Fig. 5.

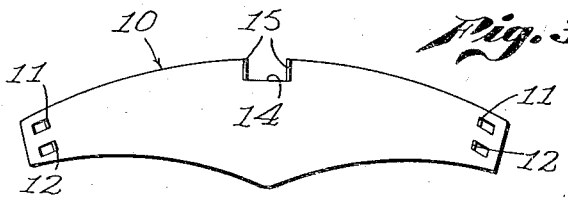


Fig. 3.

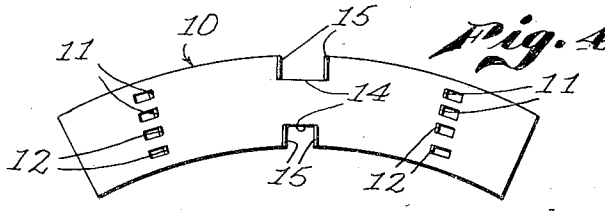


Fig. 4.

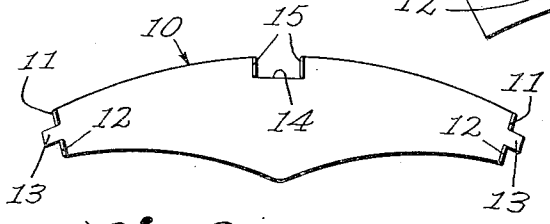


Fig. 2.

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FOREHEAD SHIELD

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4 Claims. (Cl. 132—1)

Our invention relates to a shield for protecting the forehead during the wearing of hair nets or similar articles.

Hair nets are commonly made of square or rectangular pieces of netting through or along the marginal edges of which a comparatively narrow rubber or elastic band has been passed and the netting knotted at the two ends. The elastic bands of the hair net press into the forehead along a comparatively narrow lineal surface, thereby causing discomfort and unsightly marks.

One of the primary objects of our invention is to provide a shield which will protect the forehead from the discomfort and marks just mentioned, and which will provide complete comfort in the wearing of hair nets and similar articles.

Another object of our invention is to generally improve articles of the above mentioned character, so as to render them more practical, reliable, and efficient in operation.

Another object of our invention is to provide an article of the above mentioned character which is inexpensive to manufacture and in a form and at a cost at which the device may be discarded after a single use, thereby eliminating the problem of sanitation.

The practice among users of hair nets and similar articles is to wear the nets either with the knots in the front and rear of the head respectively, or on the right and left sides of the head respectively according to the type of coiffure involved, the net having less lateral stretch in the line of the knots than in the opposite direction, which fact is taken advantage of by wearers of the nets. Thus the net may be worn in either of two positions.

Another object of our invention is to provide an article which will accommodate the band of the hair net in either position, it being obvious that a fixed groove is unsatisfactory in this respect.

Another object of our invention is to provide an article which may be satisfactorily used in connection with all types of foreheads.

Our invention has many other advantageous features, some of which, with the foregoing, will be set forth at length in the following description where we shall outline the forms of the invention, which we have selected for illustration in the drawing accompanying and forming a part of the present specification. In the said drawing, we have shown three forms of our invention, but it is to be understood that we do not limit ourselves to such forms, since the invention, as expressed in the claims may be embodied in a plurality of forms.

In the drawing forming part of the specification Figure 1 is a perspective view of the shield with the elastic band of the hair net thereon as in use, the knots of the hair net being on the sides of the head.

Figure 2 is a front view of the shield as shown in Figure 1.

Figure 3 is a front view of a modified form of our shield.

Figure 4 is a front view of another modified form of our shield.

Figure 5 is a perspective view of the shield with the elastic band of the hair net thereon as in use, the knots of the hair net being in the center of the forehead and in the center of the back of the head.

The shield 10 illustrated in Figures 1 and 2 of the drawing is the preferred form of our invention. It may be constructed of cardboard, fibreboard, rubber, thin sheet aluminum or other suitable material. The shield is preferably narrower at the ends than at the center, although this is not essential, in that it may be of the same width throughout.

The ends of the shield 10 are slit to form three divisions thereof. The upper and lower divisions are bent outward to form guides 11 and 12 respectively, and a center portion 13.

The upper center portion of the shield 10 is also slit, and another slit 14 is provided at substantially right angles to the aforesaid slit. The top center portions of the shield are then bent outward to form top center guides 15.

When it is desired to use a hair net 16 or other similar article provided with an elastic band 17, the shield 10 is placed on the forehead and the elastic band 17 of the hair net 16 is placed on the shield 10 below the center guides 15 and over the portion 13 of the shield between the upper guides 11 and the lower guides 12.

The guides merely limit the motion of the elastic band 17 at the ends and the upper portion of the shield 10 and therefore allow complete movement of the elastic band at all other parts. The shield can therefore be used on all types of foreheads with complete stisfaction, which would not be the case if the shield was provided with a fixed groove. When the ends of the net are on the sides of the head as shown in Figure 1, the elastic band 17 forms a wide curve on a wide forehead, and a comparatively sharp curve on a narrow forehead.

When the hair net is placed on the head with the knots in the front and back of the head as shown in Figure 5, the top center guides 15 are adapted to hold the knot of the hair net in position. With the ends of the net in this position, the elastic band 17 forms an angle on the shield, the narrower the forehead, the sharper or more acute the angle.

The modification of our shield disclosed in Figure 3 of the drawing is somewhat similar to the preferred form of our shield. In this form the guides 11 and 12 are formed by punching them out near the edge of the shield 10.

In the modification of our shield shown in Figure 4 of the drawing, the outer guides are positioned approximately half way between the center and outer edges of the shield. Two or more guide posts may be punched out of the shield, and the elastic band disposed between the guide posts that best suit the needs of the individual. Lower center guide posts, similar to the upper center guide posts may be punched out to limit the movement of the elastic band on the lower part of the shield, but we have found that these lower guide posts are not necessary.

The application of the aforesaid modified forms of our shield is believed to be apparent from the foregoing description and will therefore not be repeated herein.

From the foregoing description taken in connection with the accompanying drawing, advantages of the construction and method of operation will be readily understood by those skilled in the art to which the invention appertains, and while we have described the principle of operation, together with the forms which we now consider to be the best embodiment thereof, we desire to have it understood that the articles shown are merely illustrative and that such changes may be made, when desired, as fall within the scope of the appended claims.

We claim as our invention:

1. A device for protecting the forehead when used in connection with a hair net provided with an elastic band comprising a strip of flexible material on which the elastic band of the hair net is adapted to be placed when the device is in use and means on said strip for limiting the movement of the elastic band.

2. A device for protecting the forehead when used in connection with a hair net provided with an elastic band comprising a strip of flexible material on which the elastic band of the hair net is adapted to be placed when the device is in use, a center portion of which strip is turned outward to provide means to limit the movement of the elastic band of the hair net.

3. A device for protecting the forehead when used in connection with a hair net provided with an elastic band comprising a strip of flexible material on which the elastic band of the hair net is adapted to be placed when the device is in use, a portion of the ends of which strip are turned outward to provide means to limit the movement of the elastic band of the hair net.

4. A device for protecting the forehead when used in connection with a hair net provided with an elastic band comprising a strip of flexible material on which the elastic band of the hair net is adapted to be placed when the device is in use, the center portion and a portion of the ends of which strip are turned outward to provide means to limit the movement of the elastic band of the hair net.

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