July 1, 1941. J. W. SNELL 2,247,971

EYESHADE

Filed Nov. 1, 1938

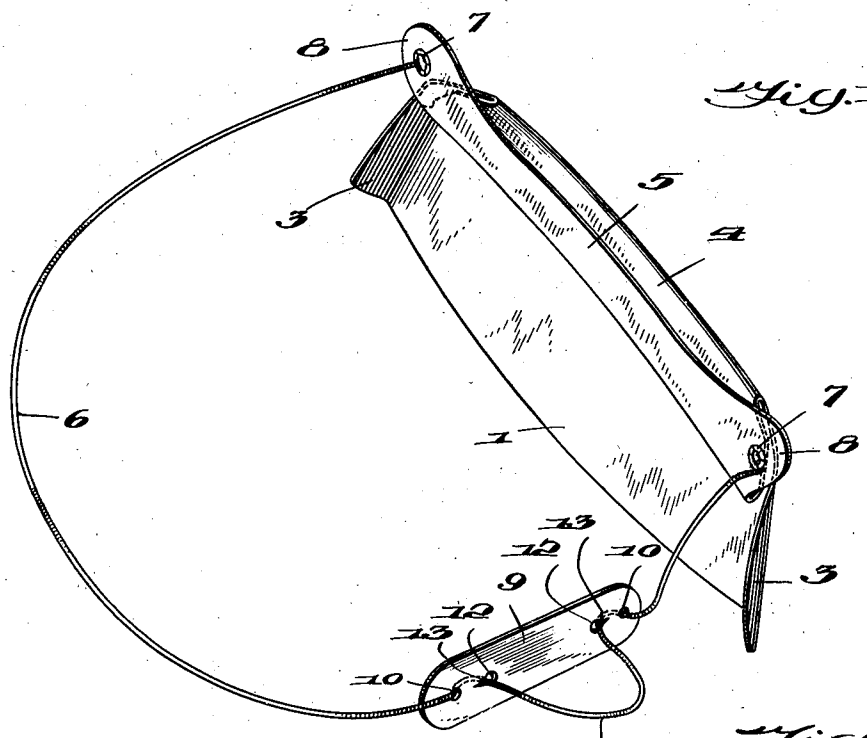


Fig. 1.

Fig. 2.

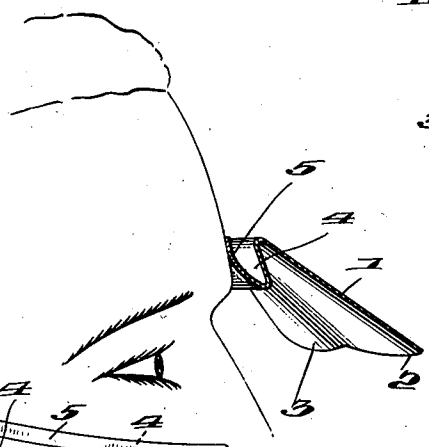
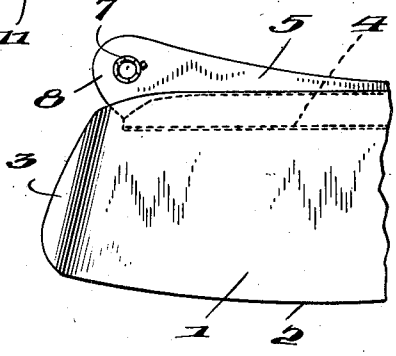


Fig. 3.



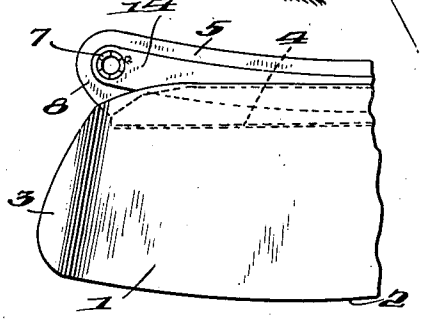


Fig. 4.

Inventor

Joseph W. Snell

By J. Preston Swecker

his Attorney

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EYESHADE

Joseph W. Snell, Hackensack, N. J.

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4 Claims. (Cl. 2—12)

This invention relates to an improvement in eye shades of the type worn for the purpose of shading the eyes against glare.

No adequate provision has been made heretofore for effectively preventing perspiration from running down the forehead and into the eyes of a person, which is annoying and uncomfortable. Absorbent pads proposed for this purpose become saturated with perspiration and have a disagreeable odor, and are unsanitary, intricate, and bothersome.

The object of this invention is to provide for effectively catching perspiration to prevent it from flowing down the forehead of the wearer beneath the shade and into the eyes. This is accomplished by the provision of a gutter or channel along the upper edge of the shade with a side thereof pressed against the forehead for directing perspiration into said channel and preventing it from seeping under the upper edge of the shade.

A further object of the invention is to provide a simple and effective manner of adjusting the size of the shade band such that it will encircle the head and provide just the proper amount of constraining pressure therearound to fit heads of different sizes and different degrees of pressure as desired. This is provided by a strip having key-hole openings therein through which a loop in the cord or band extends to catch in the openings and hold the cord or band in an adjusted position.

I have illustrated a preferred embodiment of this invention in the accompanying drawing in which:

Fig. 1 is a perspective view of my improved eye shade and adjustment therefor;

Fig. 2 is a vertical sectional view therethrough, shown applied;

Fig. 3 is a partial front elevation of the eye shade; and

Fig. 4 is a detail face view of one wall of the channel having a reinforcing strip.

The eye shade embodying this invention comprises a shade 1 of semi-rigid material which is preferably colored, so as to be substantially translucent or semi-transparent, although it is evident that it may be fully opaque, if desired. A material similar to Celluloid is suitable for the purpose, although it is preferred that other cellulose or like materials be used which are non-inflammable.

The shade 1 is shown constructed of a sheet of material having a slightly curved lower edge 2, having back-turned end flaps 3, although the latter may be omitted and the shade 1 be given a sufficient longitudinal curvature to shade the eyes against lateral glare, if desired.

The upper edge portion of the shade 1 is folded upon itself to provide a longitudinal channel or gutter 4, one side of which channel terminates directly at the upper edge of the shade, while the other side of said channel is designated 5 and has its upper edge curved, so as to bear yieldably against the forehead of the wearer, but said wall 5 is sufficiently flexible throughout the major portion of its length as to conform snugly to the forehead, both vertically and transversely of the latter whereby not only the upper edge of said wall 5 but also a material portion of the wall will be pressed against the forehead. In this way, any perspiration is not permitted to flow under the shade but is directed by the upper edge portion of the wall 5 directly into the channel or gutter 4, where it is confined or permitted to flow out of the ends thereof externally of the shade and away from the face of the wearer. The provision of this gutter or channel not only provides for receiving the perspiration, but it also reinforces the upper edge portion of the shade, making it relatively rigid while allowing the wall 5 to be bent and shaped to conform to the forehead of the wearer, and it holds the shade 1 at the proper angle to shade the eyes.

The wall 5 is shown in Fig. 4 as having a reinforcing strip 14 extending therealong conforming to the curvature thereof, and anchored by rivets or eyelets 7 at the ends thereof, for stiffening this wall and preventing warping or breaking thereof.

Although any desired means may be employed for securing the shade 1 to the head of the wearer, I prefer to use an elastic band or cord 6, the opposite ends of which are secured as by rivets 7 to ears 8 formed on the opposite ends of the wall 5. The ends of the cord or band 6 are first inserted into the holes for the eyelets externally of the latter and then said eyelets are clamped in the holes which effectively secures the ends of the band or cord to the shade. If either or both of these ends should pull out, they may be readily refastened by being inserted through the eyelets and tied in a knot on the forward side.

In order to adjust the size of the band or cord 6, so as to fit the head of the wearer with the desired friction, especially when the cord or band is made of non-elastic material, an adjusting strip 9 may be provided with holes 10 in opposite ends

thereof through which a loop portion 11 of the cord or band extends. Spaced inwardly of the respective holes 10 are holes 12 through which this loop portion 11 extends from the holes 10 and each of the holes 12 has a wedge-shaped slit 13 facing outwardly toward the adjacent end of the strip 9, so that the tension exerted on the band or cord 6 at opposite sides of the adjusting strip 9 will cause the cord or band to engage in the slits 13 in wedging action which will constitute a secure and positive anchor for the portions of the band or cord 6 at opposite ends of the loop 11. Thus by pulling outward on the loop 11 relative to the anchoring strip 9 and then exerting tension on the band or cord 6, the size of the latter may be adjusted readily to accommodate the size of the head of the wearer, because the tension of the band 6 will fasten the latter with the excess length thereof taken up by the loop 11. This will be true, even if the cord or band is constructed of non-elastic material when the pressure may be applied by the wearer. The hole 12 and its slit 13 constitutes substantially a key-hole slot in each opposite end of the strip 9, while the adjacent hole 10 tends to direct the band or cord into this key-hole slot for securely anchoring the same to the adjusting strip 9.

I claim:

1. An eye shade comprising a shade of sheet material having the upper edge portion thereof folded back upon itself to form a channel on the inner side of the shade with one wall of said channel joined directly to said shade and with the opposite wall in position to bear against the forehead of the wearer to direct perspiration into said channel.

2. An eye shade comprising a shade of sheet material having the upper edge portion thereof folded back upon itself to form a channel on the inner side of the shade with one wall of said channel joined directly to said shade and with the opposite wall in position to bear against the forehead of the wearer to direct perspiration into said channel, the last-mentioned wall having ears on opposite end portions thereof, and a band or cord attached to said ears and adapted to encircle the head of the wearer to hold the shade thereon.

3. An eye shade comprising a non-metallic flexible shade having a channel integral therewith and extending along the upper edge portion thereof with one wall of said channel secured to the shade and the opposite wall spaced therefrom in position to bear against the forehead, and a metallic reinforcing strip extending lengthwise of the last-mentioned wall and secured thereto in flat relation thereagainst.

4. An eye shade comprising a shade of sheet material of substantial width, and means for securing said shade to the head of the wearer with the shade at an angle of approximately 45° thereto, said shade having the upper edge thereof folded and refolded upon itself forming a channel of relatively narrow width and shallow depth and only at the upper edge of the shade, said channel having the inner wall thereof in position to bear against the forehead of the wearer.

JOSEPH W. SNELL.