

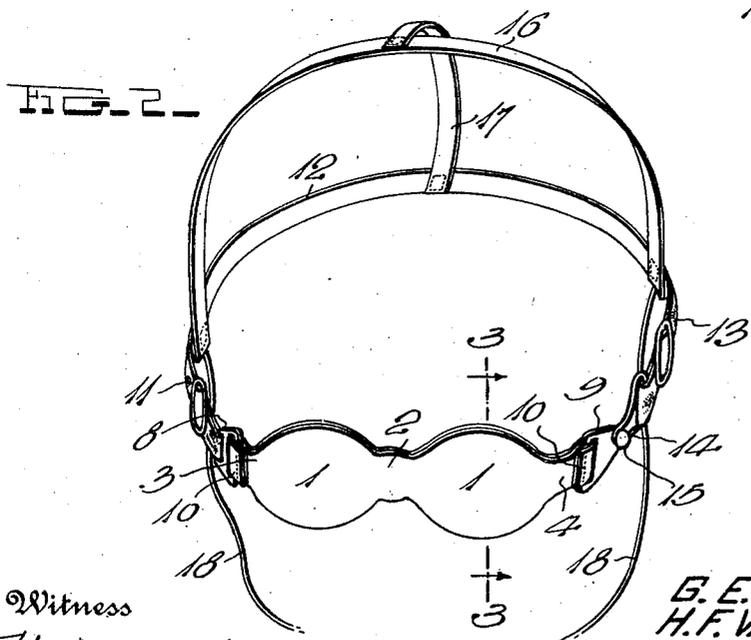
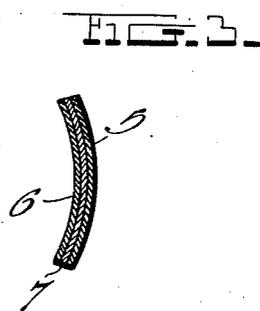
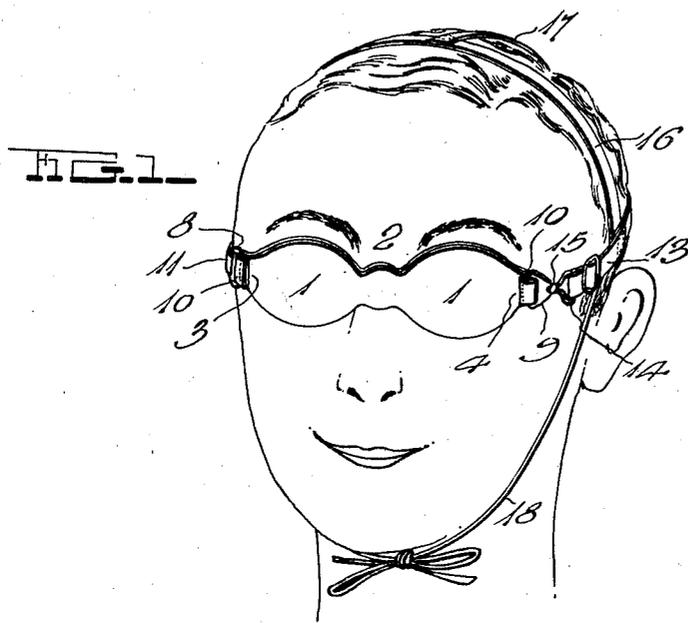
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G. E. TERRY ET AL

EYESHIELD

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# UNITED STATES PATENT OFFICE.

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## EYESHIELD.

Application filed September 1, 1923. Serial No. 660,613.

*To all whom it may concern:*

Be it known that we, GEORGE E. TERRY and HARRY F. VAN TRUMP, citizens of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented certain new and useful Improvements in Eyeshields; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Our invention aims to provide a simple and inexpensive, yet an effective and reliable eye shield to be worn while asleep for the purpose of excluding all light, thus protecting the eyes therefrom, inducing sleep, and serving to strengthen the optic nerves by giving them entire rest from light.

With the foregoing in view, the invention resides in the novel subject matter herein-after described and claimed, the description being supplemented by the accompanying drawings.

Figure 1 is a perspective view of the invention in use.

Figure 2 is a perspective view of the shield and its attaching means as manufactured and placed on sale.

Figure 3 is a detail sectional view on line 3—3 of Fig. 2.

In the drawings above briefly described, the numerals 1 designate a pair of non-transparent eye shields which are preferably of elliptical form, connected by a suitable nose bridge 2, and provided with extensions 3 and 4 respectively. While any suitable non-transparent material may be used in the manufacture of the device, such as properly treated celluloid, we have illustrated the shields and the portions 2, 3 and 4, formed of an external ply 5 of black velvet, an internal ply 6 of suitable satin, and an intermediate stiffening ply 7 which is formed of any desired material and retains the shields in proper form. This form is preferably concave at the inner sides of the shields to prevent contact with the eyelashes and convex at the outer sides of said shields.

The extensions 3 and 4 are passed through

slots in small plates 8 and 9 of non-corrosive metal or other desired material, such as celluloid, said extensions being turned back upon themselves and stitched or otherwise secured, as indicated at 10. An adjustable elastic strap 11 is connected with plate 8, for instance by passing it through a slot in the latter, and the rear end of this strap is attached to one end of a relatively inelastic strap or ribbon 12. The other end of the ribbon 12 has an adjustable elastic strap 13 connected thereto, and a suitable detachable connection, such as loop 14, and stud 15, is provided between this strap 13 and the plate 9. An arched head strap 16 has its ends secured to the ends of strap 12 or to the elastic straps 11 and 13 if desired, and the intermediate portion of said strap 16, is connected by another strap 17 with the center of the strap 12. Thus, a suitable headgear is provided, for holding the eye shields 1, in place over the user's eyes. Suitable ties 18 may be provided for connection with each other under the user's chin, to prevent upward movement of the headgear.

By following the construction herein disclosed or some substantial equivalent thereof, a shield is provided which will be simple and inexpensive, easily attached and detached, and very desirable and effective, for giving complete rest to the optic nerves during sleep, and for excluding all light and thus inducing sleep. The head gear passes around the back of the head and over the top of the head and the ties pass under the chin so that it firmly but comfortably holds the eye shield in place over the eyes during sleep, even though the wearer may sleep with his face more or less downward. The smooth soft material out of which the inner ply of the eye shield is made, provides a comfortable engagement of the shield with the flesh.

As excellent results are obtainable from the details disclosed, they may well be followed, but within the scope of the invention as claimed, numerous changes may be made.

We claim:—

A device of the class described comprising an elongated plate of stiff material shaped at its ends so as to form eyeshields and

shaped at its intermediate portion so as to  
form a nose bridge between said eye-shields,  
said shields being concavo-convex, a sheet of  
smooth cloth secured to the inner surface of  
said plate, a sheet of opaque cloth secured to  
5 the outer surface of said plate, and a flexible  
head gear connected to the ends of said plate

to hold the device over the eyes of a person  
during sleep.

In testimony whereof we have hereunto 10  
affixed our signatures.

GEORGE E. TERRY.  
HARRY F. VAN TRUMP.