July 26, 1927. 1,637,092

C. F. THOMPSON

EYESHIELD

Filed May 19, 1926

Fig. 1.

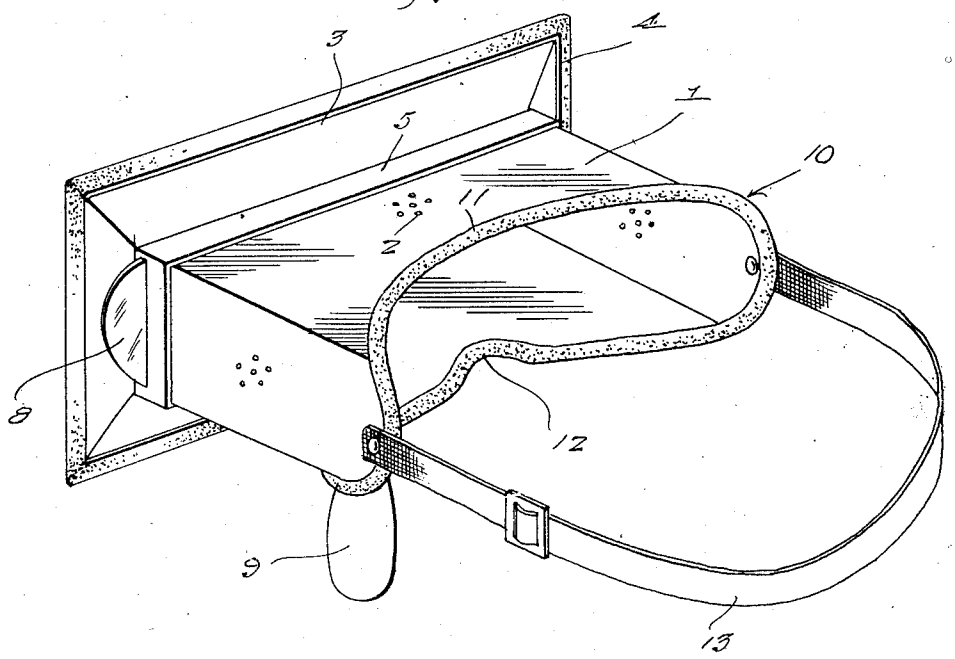


Fig. 2.

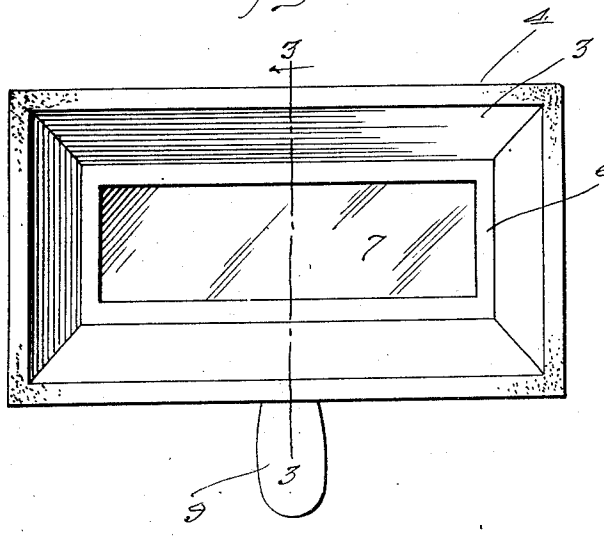
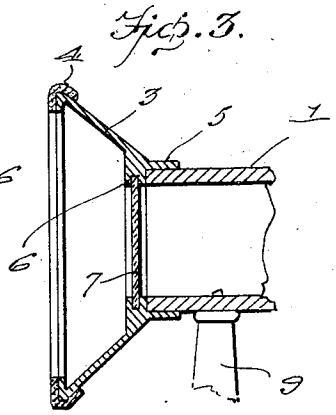


Fig. 3.



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UNITED STATES PATENT OFFICE.

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EYE SHIELD.

Application filed May 19, 1926. Serial No. 110,176.

This invention relates to an improved device which may be conveniently referred to as an eye shield, the same having more particular reference to a structure of this kind which is adapted to be worn by a person when traveling in an automobile, a train, or other similar conveyance.

Experience has shown that occupants of vehicles of this class are usually subjected to undue strain from continuous gazing at objects at distant points during the period of travel. Frequently, then, when one takes a comparatively long ride, a headache frequently results from the strain encountered. What I propose is a simple and inexpensive device to be strapped on the head of the wearer in such a manner as to relieve the eyes of at least a portion of this strain.

Briefly, the invention comprises a body which includes an appropriately shaped passage having a flared entrance at its outer end and having its inner end constructed to bear against the forehead and upper portion of the face of the wearer, this body being strapped in place and there being a handle provided to relieve pressure, which would otherwise be brought to bear against the wearer's head, due to the weight of the device.

My principal object is to provide a device of this kind which will effectively serve the purpose for which it has been designed, which is convenient and comfortable, is compact so that it can be easily carried, and is comparatively simple and inexpensive to both the manufacturer and the owner.

Other features of the invention, and advantages will become apparent from the following description and drawings.

In the accompanying drawing forming a part of this application, and in which like numerals are employed to designate like parts throughout the same:—

Figure 1 is a perspective view of an eye shield constructed in accordance with the present invention.

Fig. 2 is a front view of the same, and

Fig. 3 is a transverse vertical section taken approximately upon the plane of the line 3—3 of Fig. 2, looking in the direction of the arrow.

As before stated, the invention comprises a body constructed of appropriate material. The body is here shown as including a passage 1 of elongated rectangular cross section. If desired, this passage may be formed with a multiplicity of air and light apertures 2. At the outer end is a flared mouth or entrance 3, the margin of which is surrounded by appropriate cushioning material 4. This cushion or binder permits the device to be rested on an appropriate support in order to absorb the jar and to protect the furniture. At the inner end of the mouth is a flange 5 into which the outer end of the passage 1 telescopes and is appropriately fastened. At the juncture of the flange, and the tapered portion, is a guideway 6 for a sliding glass lens 7. It will be noticed from Fig. 1, that this lens is provided at its outer end with a finger strip 8, by means of which the lens may be adjusted or entirely removed as the circumstances demand.

Attached to the central side of the under portion of the passage is an appropriate hand grip 9, by means of which the device is conveniently supported and handled. The inner end portion of the passage is shaped to conform to the general contour of the face and forehead of the wearer. At this point is a felt binder 10, the upper portion 11 of which bears against the forehead and the lower portion of which bears against the upper portion of the face. There is a recess 12 provided here for reception of the nose of the user. In addition, an adjustable head strap 13 is provided and this is attached at its opposite end to the end portions of the passage 1.

In practice the strap is passed around the rear portion of the head of the user, the portion 11 is placed against the forehead, and the nose is rested in the seat 12. Although the device is comparatively light in weight, it is ordinarily advisable to aid in holding it in position by grasping the handle. The device positioned, it acts as a shade for the eyes and greatly reduces the pain to which they would otherwise be subjected when gazing at long distances from the point of travel. It is optional whether the glass slide be in position or removed. If it is windy and considerable dust is in the air, it would be advisable to have the slide in place. Also, if riding on a train, and the windows

are unscreened, and considerable cinders and particles from the engine are in the air, it would be advisable to have the lens in place to prevent lodging of these particles in one's eyes. However, if it is desired, the lens or glass may be slid out, by grasping the finger piece 8 in an obvious manner, thus permitting the user to peer through the passage and flared entrance.

It is also obvious that the device may be used with equal effectiveness at day or night. Moreover, it is highly advantageous at night on a train where the overhead lights glare and cast reflections such as interfere with vision through the windows.

It is believed that by considering the description and the drawings, the reader will obtain a clear understanding of the invention and will appreciate the advantages of such a device. For this reason, a more detailed description is believed unnecessary.

Minor changes coming within the field of invention claimed may be resorted to if desired.

Having thus described my invention, what I claim as new is:—

As a new article of manufacture, an eye shield of the class described comprising a substantially rectangular member forming a passage, the inner end of said rectangular member being shaped to bear against the forehead and upper portion of the face of the wearer, cushioning means associated with said inner end, an outwardly flared member connected with the outer end of said rectangular member, said flared member being provided with a marginal protecting strip, a guide carried by said flared member, a glass slide mounted in said guide, a handle carried by said rectangular member, and a head strap also carried by said last named member.

In testimony whereof I affix my signature.

CHARLES F. THOMPSON.