W. R. JOHNSON.

NOSE PIECE FOR EYEGLASSES.

APPLICATION FILED MAY 21, 1910.

977,451. Patented Dec. 6, 1910.

Fig. 1.

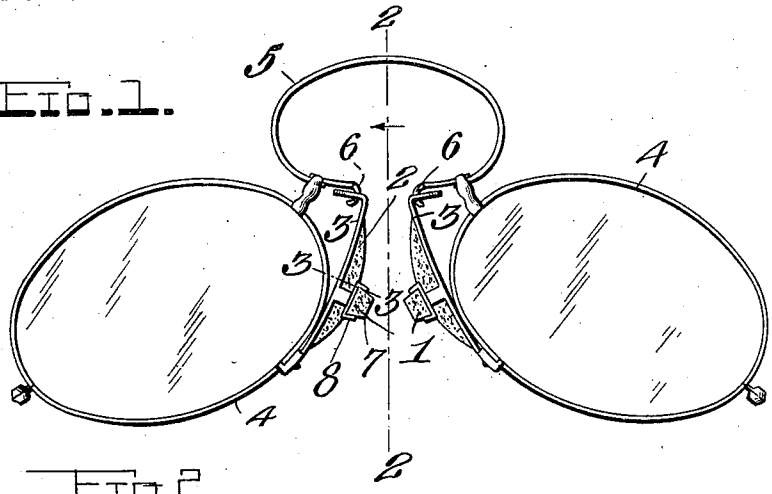


Fig. 2.

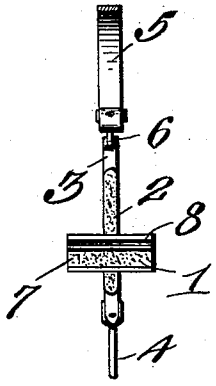


Fig. 3.

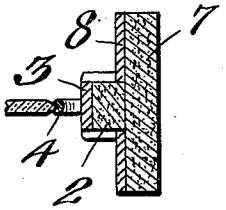


Fig. 4.

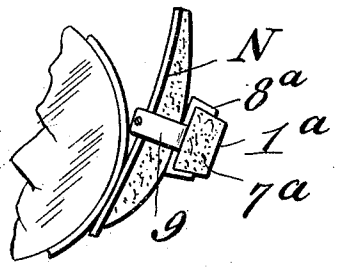
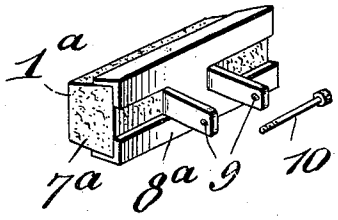


Fig. 5.



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NOSE-PIECE FOR EYEGLASSES.

977,451. Specification of Letters Patent. Patented Dec. 6, 1910.

Application filed May 21, 1910. Serial No. 562,637.

To all whom it may concern:

Be it known that I, WILLIAM R. JOHNSON, a citizen of the United States, residing at Little Rock, in the county of Pulaski and State of Arkansas, have invented certain new and useful Improvements in Nose-Pieces for Eyeglasses, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to improvements in eye-glasses, and more particularly to nose-pieces therefor.

The object of the invention is to provide an eye-glass nose-piece of such construction that it will effectively prevent the glasses from slipping on the nose, and which will also serve as a guard to prevent the lenses from being broken when the eye-glasses fall upon a pavement or other hard surface.

With the above and other objects in view, the invention consists of the novel construction, combination and arrangement of parts, hereinafter fully described and claimed, and illustrated in the accompanying drawings in which:—

Figure 1 is a side elevation of a pair of eye-glasses showing my improved nose-pieces applied thereto. Figs. 2 and 3 are sectional views taken respectively on the planes indicated by the lines 2—2 and 3—3 in Fig. 1. Fig. 4 is a detail view showing a slightly different embodiment of my invention in the form of an attachment for application to ordinary upright nose-pieces now commonly used on eye-glasses. Fig. 5 is a rear perspective view of the device shown in Fig. 4.

My improved nose-piece consists of a horizontally disposed cross member 1 arranged on an upright member 2. This member 2 may be of any form and construction and as illustrated it is constructed in a well known manner and consists of a cushion of cork or other material secured to a spring 3, the lower end of which is fastened to one of the lense frames 4, while the upper end of the same has a loose slot and pin connection with the resilient bridge-piece 5, said connection being indicated by the numeral 6. The cross member 1 may also be of any form and construction but is preferably in the form of a straight bar composed of a piece of cork or other cushioning material 7 mounted on a metal backing 8. This backing 8 may be made integral with the spring 3, or separate from the same and permanently secured thereto so that the cross member forms a permanent part of the upright member of the nose-piece. As illustrated in the first three figures of the drawings, the backing plate 8 is formed integral with the part 3 and is channeled to receive the cork cushion 7, whereby the latter will be retained in position.

By making the cross member 1 comparatively long and disposing it transversely of the upright part 2 of the nose-piece so that its longitudinal axis will be disposed at right angles to the plane of the lenses, it will be seen that the device will effectively grip the nose and prevent slipping of the glasses, and will serve as a guard to prevent the lenses from striking against a stone floor or pavement, or any other hard, flat surface on which they may be accidentally dropped. Owing to the transverse disposition of the member 1 it will be seen that either end of said member will strike the flat surface and the lens, or lenses, will consequently be prevented from breaking.

In Figs. 4 and 5 I have shown another embodiment of the invention in the form of an attachment which may be applied to ordinary upright nose-pieces now commonly used on eye-glasses. This attachment is indicated by the numeral 1^a and comprises a cushioning member 7^a of cork or the like, and a metallic backing member 8^a, the latter carrying spaced lugs 9 adapted to straddle an upright nose-piece N and to be clamped thereon by a transverse screw 10. The metal backing 8^a is preferably formed from a piece of sheet metal and is of channel shape, whereby the cushion 7^a is retained in position; and the lugs or ears 9 are preferably formed integral with the metal plate 8^a by slitting the end portions of the same to form tongues and then bending these tongues at right angles to the plate and into parallel relation, as shown more clearly in Fig. 5.

While I have shown and described in detail two of the preferred embodiments of my invention, I wish it understood that I do not limit myself to the same, since changes in the form, proportion and arrangement of parts, and in the details of construction, may be made within the spirit and scope of my invention. For example, the cross member of the nose-piece may be made without a

cork cushioning piece, and said member may be applied to any kind of upright nose-piece, and to any portion of the same.

What is claimed is:

1. An attachment for application to an upright nose-piece comprising a member, a backing plate having said member attached thereto and having its ends slit to form tongues, the latter being bent into parallel relation to provide spaced lugs which are adapted to straddle an upright nose-piece to dispose said member transversely with respect thereto, and a fastening connecting the lugs to retain the member on the nose-piece.

2. Eye-glasses comprising a pair of lenses, a bridge piece connecting said lenses, and having inwardly extending ends, springs having their lower ends attached to said lenses and their upper ends attached to said inwardly extending ends of said bridge piece, an upright cushioning member attached to each of said springs, a transverse packing member also attached to each spring and disposed substantially at right angles thereto, and a transverse cushioning bar carried by said packing, extending across said upright cushioning member and projecting forwardly and also rearwardly therefrom.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

WILLIAM R. JOHNSON.

Witnesses:
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W. B. Hughes.