

W. W. HOFFMAN.
EYEGLASS CONNECTION.
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973,660.

Patented Oct. 25, 1910.

Fig. 1.

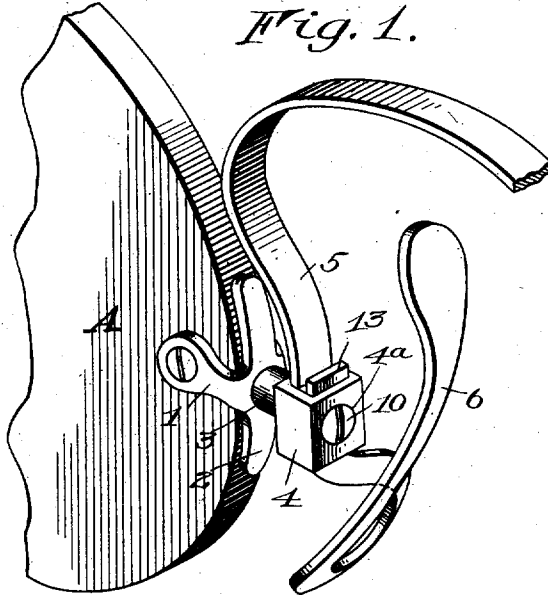


Fig. 4.

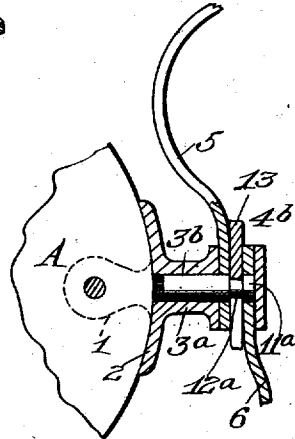


Fig. 2.

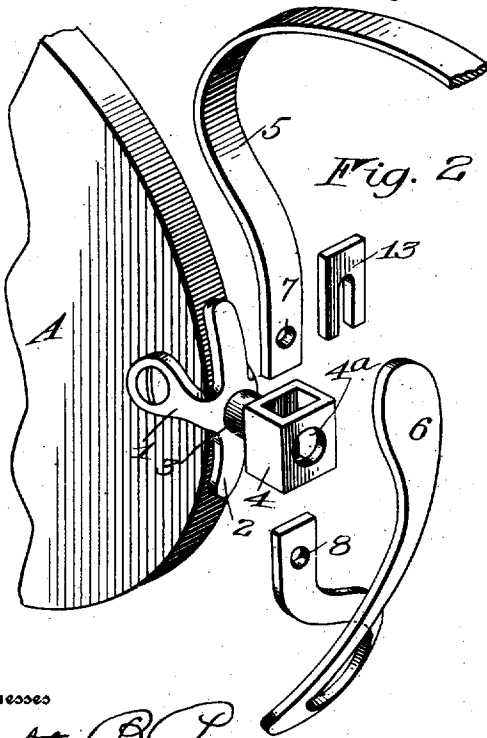
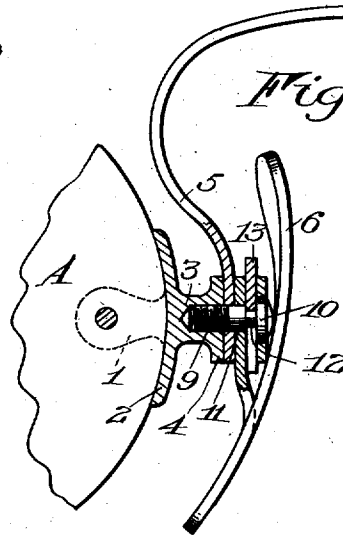


Fig. 3.



Witnesses

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EYEGLASS CONNECTION.

973,660.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM W. HOFFMAN, of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Eyeglass Connections; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of the specification, and to the reference characters marked thereon.

The present invention which relates to a connection between the bridge, a lens mount and a nose guard of eyeglasses has for an object to provide a construction which is inexpensive to manufacture and in which the connection may be quickly and easily effected without the liability of the parts becoming separated in use.

To these and other ends the invention consists in certain improvements and combinations of parts all as will be hereinafter more fully described, the novel features being pointed out in the claims at the end of the specification.

In the drawings: Figure 1 is a perspective view showing one embodiment of my invention. Fig. 2 is a detached perspective view of the same embodiment; Fig. 3 is a sectional view in the plane of the lenses, and Fig. 4 is a like view of another embodiment.

The invention which is capable of being embodied in various constructions as illustrated in Figs. 1 to 3, comprises a lens mount consisting of lens attaching ears 1 secured to the lens A and extending from a lens bearing member 2 from which projects a post 3 having a vertical box 4 at its outer end, the outer wall of the box provided with an opening 4^a. One end of the bridge 5 and the attaching end of a guard 6, are arranged within the box and are preferably perforated at 7 and 8 respectively to receive the fastener. The fastener in this form consists of a pin having its inner screw threaded end 9 engaging the post after passing through the perforations 7 and 8 and its head 10 lying within the opening 4^a. A shoulder 11 is provided within the box on the fastener, transverse to the longitudinal axis of the latter and is preferably formed by an annular reduced portion 12 which

gives the shoulder an annular formation; permits the rotation of the screw and does not require the insertion of the latter at any particular angle. To cooperate with this annular shoulder 11 I provide a locking device preferably in the form of a bifurcated member or plate 13 which straddles the fastener at its reduced portion 12 in front of the shoulder 11 to prevent the axial displacement of the fastener.

Another embodiment of my invention is shown in Fig. 4 wherein the lens mount is provided with a vertical box 4^b and the post 3^a has its bore 3^b opening to the lens bearing face of the mount. The bridge 5 and the guard 6 are arranged within the box as in the other embodiment and the fastener is in the form of a cylindrical pin fitting the bore 3^b and extending through the box to engage within the perforated ends of the bridge and the nose guard. That portion of the fastener within the box is provided with a reduced portion 12^a which is formed with the annular shoulder 11^a in front of which the locking device 13 is arranged to prevent the axial displacement of the fastener.

In both of the illustrated embodiments the bridge and the nose guard end are first fitted within the box and then the fastener is inserted. The locking device upon being forced into the box behind the annular shoulder, holds the fastener against axial movement.

It is apparent that I have provided a connection for eyeglasses in which all liability of the parts becoming loose through the turning of a screw, is obviated and which by not requiring a specially formed bridge or lens mount, is inexpensive to manufacture.

I claim as my invention:

1. The combination with the lens mount having a box, and a nose guard and a bridge having an end fitted in the box, of a fastener holding the nose guard and the bridge against removal from the box, and having a shoulder transverse to its longitudinal axis arranged within the box, and a locking device entering the box in front of the shoulder to prevent axial movement of the fastener.

2. The combination with a lens mount
having a box, and a nose guard and a bridge
having an end fitted in the box, of a fas-
tener securing the bridge and the guard to
5 the mount, and having a surrounding shoul-
der transverse to its longitudinal axis, and
a bifurcated locking device arranged within

the box and straddling the fastener in front
of the shoulder.

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Witnesses:

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