No. 863,343. PATENTED AUG. 13, 1907.

A. W. ANTHOINE.

EYEGLASS MOUNT.

APPLICATION FILED FEB. 25, 1907.

2 SHEETS—SHEET 1.

Fig. 1

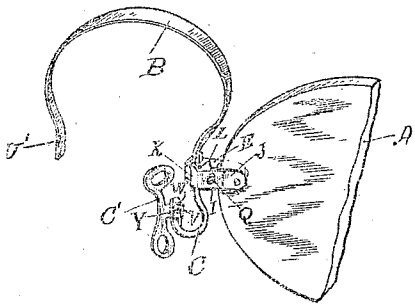
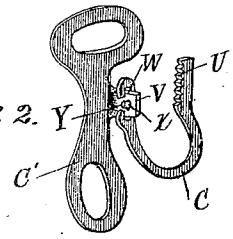


Fig. 2.



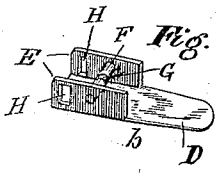


Fig. 4

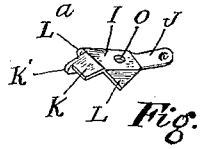


Fig. 5

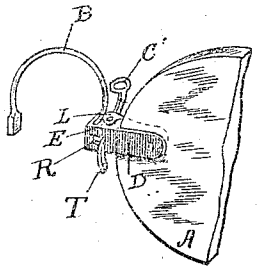


Fig. 6

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2 SHEETS—SHEET 2.

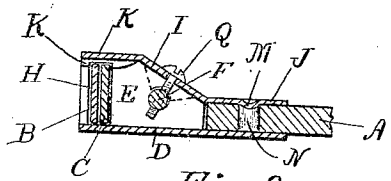


Fig. 3

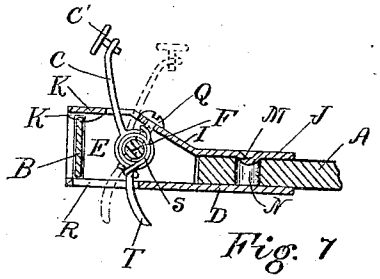


Fig. 7

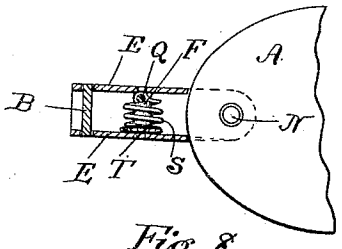


Fig. 8

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UNITED STATES PATENT OFFICE.

ALFRED W. ANTHOINE, OF LEWISTON, MAINE.

EYEGLASS-MOUNT.

No. 863,343. Specification of Letters Patent Patented Aug. 13, 1907.

Application filed February 25, 1907. Serial No. 359,040.

To all whom it may concern:

Be it known that I, ALFRED W. ANTHOINE, a citizen of the United States, and a resident of Lewiston, in the county of Androscoggin and State of Maine, have invented new and useful Improvements in Eyeglass-Mounts, of which the following is a specification.

My invention relates to improvements in eye glass mounts and more particularly to the means for attaching the mount to the lens, the means for supporting the bow and nose guard and means for enabling the nose guard to adjust itself readily and easily to the nose.

In the drawing herewith accompanying and making part of the application, Figure 1 is a perspective view of a portion of a lens, the bow and one side of the mount; Fig. 2 is an enlarged perspective view of the nose guard and means for mounting it; Fig. 3 is a longitudinal vertical sectional view of the clamping device shown in Fig. 1; Fig. 4 is a detail perspective view of one member of the clamp; Fig. 5 is a detail perspective view of the other member of the clamp. Fig. 6 is a perspective view of a portion of the lens showing a different method of mounting the nose guard support in the clamping device; Fig. 7 is a vertical longitudinal sectional view through the clamping device shown in Fig. 4; Fig. 8 is a horizontal sectional view of the clamping device showing the rod and spring.

Same letters of reference refer to like parts.

In said drawings A represents the lens, B the bow and C the nose guard support. These several parts are mounted on a clamping device consisting of two members. One member *b* has a lens support D, upturned sides E at one end thereof and a rotatable post F having a screw-receiving hole G mounted in said sides. Said sides are provided further with bow and nose guard support receiving holes H at one end thereof. The other member *a* has a body part I, sides L, a lens holding part J and a forward extension comprising parts K and K′. The lens holding part J has a projection M on the under side thereof formed in any convenient manner adapted to take into a hole N drilled in the lens. The body part has a hole O therein adapted to register, when the two members of the clamp are in position, with the hole G in the rotatable post for the purpose hereinafter described.

In the forms shown in Figs. 1, 4 and 5, the bow and nose guard support C are inserted in the holes H in opposite directions and are held firmly in place by the parts K and K′ which bear strongly upon them holding them against accidental displacement. When the screw Q which passes through the top clamping member and the rotatable post, as shown in Fig. 3, is firmly set it causes the projection M to take into the hole N in the lens and to draw and hold the edge of the lens tightly against the inner edges of the upturned sides E on the bottom clamp member, thus holding the lens firmly in place. At the same time the parts K and K′ are caused to bear tightly on the edges of the bow and nose guard support, the part K′ taking into notches U and U′, thus holding the top clamping member firmly in place and with a single screw holding the lens, the two members of the clamp and the bow and nose guard support. In case the lens is broken or it is desired to change the bow or nose guard support it is only necessary to slightly loosen screw Q which permits the removal of the several parts.

In Figs. 6, 7 and 8 the clamping members are substantially the same except that the nose guard support passes transversely through a hole R, is journaled on the post F and is held yieldingly by a coil spring S. A portion T of the nose guard support projects beyond the clamping member forming a finger piece or lever for opening the nose guards to place them on the nose.

I have also provided a new and improved means of mounting the nose guard on its support which renders it perfectly adjustable to all kinds of noses. For this purpose the nose guard is provided between the bearing ends with a projection V which takes into a recess or socket W in the end of the nose guard support and with a hole X into which takes a post Y, whereby the nose guard is capable of a limited rotary motion around the post and of a limited rocking movement up and down on said post, the recess W being somewhat greater than the width of projection V and being of substantially the same width as the thickness of the projection V.

To mount the lens loosen screw Q insert the lens between the clamp members letting the projection M drop into hole N, then turn screws Q until the member *a* draws the lens tightly against the walls E, then set the screw until the member *a* bears firmly one end on the lens and the other end on the bow and nose guard support, the part K′ taking into the notches in said bow and support, thus locking and holding all the parts firmly together.

The advantages of my improved eye glass mount are that the lens, bow and nose guard support may be removed and replaced by the loosening of a single screw and that all the parts are held firmly locked by means of a single screw.

Another important advantage is that the mount is adjustable to lenses of varying thicknesses.

Having thus described my invention and its use I claim:—

1. An eye glass mount comprising two members having coöperating lens holding parts, one member carrying a rotatable post having a screw receiving hol etherein, and a locking screw adapted to pass through one member and take into the screw receiving hole in said post in the other member, whereby the lens and the two members of the clamp are firmly locked together.

2. The combination with a lens having a hole near one end, of an eye glass mount comprising two members, one member having a lens support on which the lens rests,

upturned sides against which the lens bears, a rotatable post having a screw receiving hole mounted in said sides, the other member having a projection on the under side adapted to take into the hole in the lens, a screw hole and a screw adapted to pass through said screw hole and into said post and to hold the lens and the two clamping members firmly together.

3. The combination with a lens having a hole near one end, of an eye glass mount comprising two members, one member having a lens support, upturned sides against which the edge of the lens bears, a rotatable post mounted in said sides and provided with a screw receiving hole and bow and nose guard support receiving holes in said sides, the other member having a projection on one end adapted to take into the hole in the lens and the other end adapted to engage the bow and nose guard support, and a locking screw adapted to pass through one member and take into the screw receiving hole in said post, whereby the lens, the clamping members and the bow and nose guard support are firmly locked together.

4. The combination with a lens having a hole near one end, of an eye glass mount comprising two members, one member having a lens support, upturned sides against which the edge of the lens bears, a rotatable post mounted in said sides and provided with a screw receiving hole, bow and nose guard support receiving holes in said sides, a bow and nose guard support mounted in said holes and having notches in the edges thereof, the other member having a projection on one end adapted to take into the hole in the lens and the other end provided with a projection adapted to take into said notches in said bow and nose guard support, and a locking screw adapted to pass through one member and take into the screw receiving hole in said post.

5. The combination with a lens having a depression therein near one end, of a mount therefor comprising two members each in direct engagement with the lens, one longitudinally adjustable relative to the other, one of said members being provided with a projection adapted to take into said depression, and a locking device outside the lens adapted to hold the two members together and in engagement with the lens.

6. The combination with a lens having a hole near one end, of an eye glass mount comprising two members, one member having a lens support, upturned sides against which the edge of the lens bears, rotatable post mounted in said sides and provided with a screw receiving hole, a nose guard support pivotally mounted on said post, a spring adapted to hold said nose guard support under yielding tension, the other member having a projection on one end adapted to take into the hole in the lens and a locking screw adapted to pass through one member and take into the screw receiving hole in said post, whereby the lens and clamping members are firmly locked together.

In testimony whereof, I have signed my name to this specification in presence of two subscribing witnesses this twenty-third day of February, 1907.

ALFRED W. ANTHOINE.

In presence of—
ELGIN C. MERRILL,
MARION RICHARDS.