

C. L. MERRY.
EYEGLASS GUARD.
APPLICATION FILED AUG. 17, 1908.

939,527.

Patented Nov. 9, 1909.

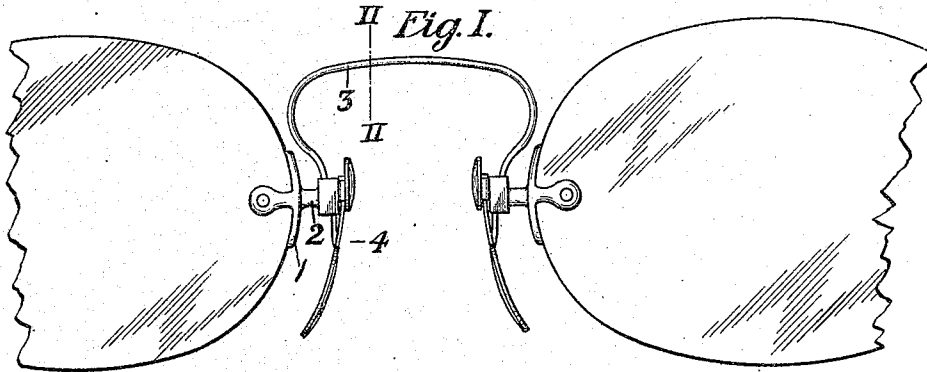


Fig. II.

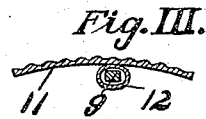
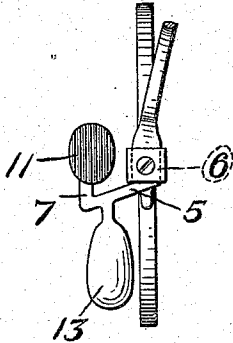


Fig. IV.

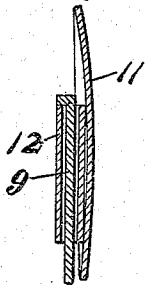


Fig. VI.

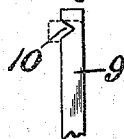
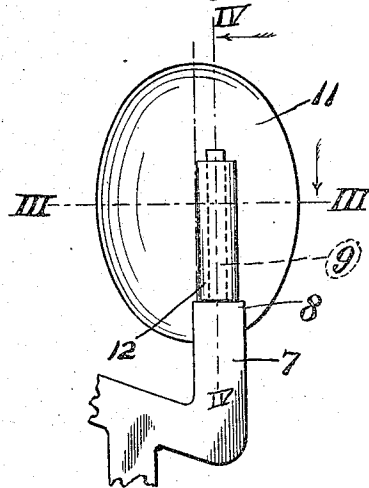


Fig. V.



WITNESSES:

R. Hamilton
Harold E. Richards

INVENTOR.
Chas. L. Merry.
BY *Arthur L. Brown*
ATTORNEY.

UNITED STATES PATENT OFFICE.

CHARLES L. MERRY, OF KANSAS CITY, MISSOURI.

EYEGLOSS-GUARD.

939,527.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES L. MERRY, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Eyeglass-Guards; and I 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, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to an eye-glass guard, and has for its object to provide a device of that class which may be used in combination with any ordinary eye-glass frame, and comprises gripping members, which, when in position on a wearer's nose, are adapted for exerting an increased holding action when moved away from the wearer's face. In accomplishing this object I have provided the improved details of structure presently described and illustrated in the accompanying drawings, in which:—

Figure I is a front view of a portion of a pair of eye-glasses, the frame of which is equipped with a guard constructed according to my invention. Fig. II is a view on the line II—II Fig. I. Fig. III is a cross section on the line III—III, Fig. V. Fig. IV is a longitudinal section on the line IV—IV, Fig. V. Fig. V is an enlarged detail view of the movable guard disk and a portion of the guard body, the longitudinal center of the disk being marked to more clearly indicate the offset of the shank collar. Fig. VI is a perspective view of the free end of the guard shank.

Referring more in detail to the parts:—1 designates the lens straps, 2 the lens posts, and 3, the nose bridge of the eye-glass frame, with which my improved guard is combined, these parts being of any ordinary construction and not, in themselves, forming part of my invention.

Attached to the post at each end of the nose bridge is a guard unit 4, one of which units will be described in detail with the understanding that such description relates equally to both.

Guard unit 4 comprises a rearwardly projecting attaching member 5 having a perforated plate 6 by means of which the guard

unit is attached to the lens post in any ordinary manner.

At its outer end member 5 has an upwardly turned portion 7 that is provided with an inset shoulder 8, and terminates in a shank 9 that is of less width than the portion 7, and is rectangular in cross section when formed, although the longitudinal corners may be ground or otherwise removed to make the shank elliptical in cross section to correspond with the preferred form of the collar used in combination therewith, there being a notch 10 in the shank, as shown, to facilitate the bending of the shank tip for a purpose presently set forth.

11 designates a guard pad, the inner, or contact surface of which is corrugated longitudinally and curved convexly both longitudinally and laterally.

12 designates a collar which is attached to and at one side of the transverse center of the pad 11, and is flattened to substantially an elliptical shape to conform to the shape of the shank 9, the interior diameter of the collar being slightly greater than the diameter of the shank in order that, when one is mounted on the other, the collar may have limited lateral movement on the shank, although prevented from having complete revolution thereon.

13 designates a bearing member which extends downwardly from the member 5 and is adapted to rest against the wearer's nose, to give the eye-glasses an easy and steady support, although having but slight, if any, pressure on the nose.

In the construction of the guard, I prefer to form the shank collar 12 from hollow wire, flattened and shaped to a required formation for allowing the desired movement over its shank.

When assembling the frame parts, the collar 12 is slipped over the end of shank 9 and the upper end of the shank bent down to form a keeper for preventing the escape of the pad 11, without interfering with its limited rocking movement. The guard unit may then be combined with the frame parts, which are assembled in a manner well known in the art.

In the use of eye-glasses equipped with my improved guard, the frame is supported on the wearer's nose so that the pad 11 will grip the soft or fleshy portion of the nose, holding the glasses firmly in position and

preventing them from slipping or tipping forward, the bearing members 13 merely resting against the nose to give the glasses an easy and steady support. With the eye-glasses mounted in this manner, should an outward tension be placed on the frame, the pads 11 will hold against the flesh and rock on their shanks in proportion to the outward movement of the frame, the inner edges of the pads being turned toward the nose in a manner to grip the flesh at opposite sides of the nose as the outward tension on the glasses is increased, the rocking movement of the pad being limited, however, by the engagement of the side surfaces of the collars with the side edges of the guard shanks.

Having thus described my invention what I claim as new therein and desire to secure by Letters Patent is:—

1. In an eye-glass guard, an attaching member, and a pad eccentrically mounted on said attaching member.

2. In an eye-glass guard an attaching member having a pad shank, a pad, and a collar secured to said pad at one side of the pad center and movably mounted on said shank, for the purpose set forth.

3. The combination of an attaching member having a shank of greater width than thickness, a pad, and a collar eccentrically mounted on said pad.

4. In an eye-glass guard, the combination of an attaching member having a shank substantially elliptical in cross section, a collar having a channel of substantially the same contour, but of greater diameter than said shank, and a pad carried by said collar, the connection between said collar and pad being at one side of the central meridian of said pad, and said collar being adapted for limited rocking movement on said shank, substantially as and for the purpose set forth.

5. In an eye-glass guard, the combination of an attaching member having a shank of less thickness than width, a collar having a

channel of substantially the same cross sectional contour, but of greater dimensions than said shank, and a pad carried by said collar, said shank being projected through the collar channel, substantially as set forth.

6. The combination of an attaching member having an inset shoulder and a shank, substantially elliptical in cross section, projected from said shoulder, a collar seated on the attaching member shoulder and having a channel of substantially the same cross sectional contour, but of greater dimensions than said shank, and a pad carried by said collar, said shank being projected through the collar channel and provided with a keeper, for the purpose set forth.

7. The combination of an attaching member having an inset shoulder and a shank, substantially elliptical in cross section, projected from said shoulder, a collar seated on the attaching member shoulder and having a channel of substantially the same cross sectional contour, but greater dimensions than said shank, and a pad carried by said collar, said shank being projected through the collar channel and bent over the free end of said collar, for the purpose set forth.

8. The combination of an attaching member having an inset shoulder and a shank projected from said shoulder, said shank being of greater width than thickness and provided with a notch near its free end, a collar seated on the attaching member shoulder and provided with a channel of substantially the same cross sectional contour, but greater dimensions than said shank, and a pad carried by said collar, said shank being projected through the collar channel and bent at its notched portion to form a keeper, for the purpose set forth.

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

CHARLES L. MERRY.

Witnesses:

HAROLD E. RICHARDS,
MYRTLE M. JACKSON.