

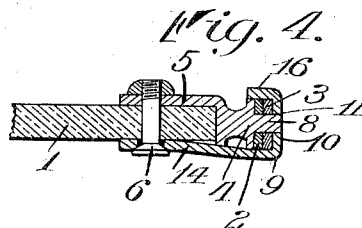
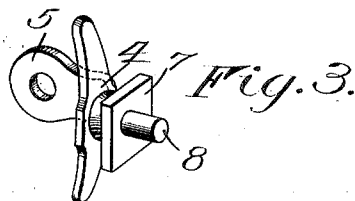
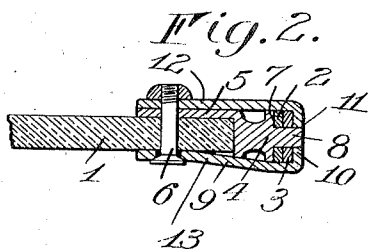
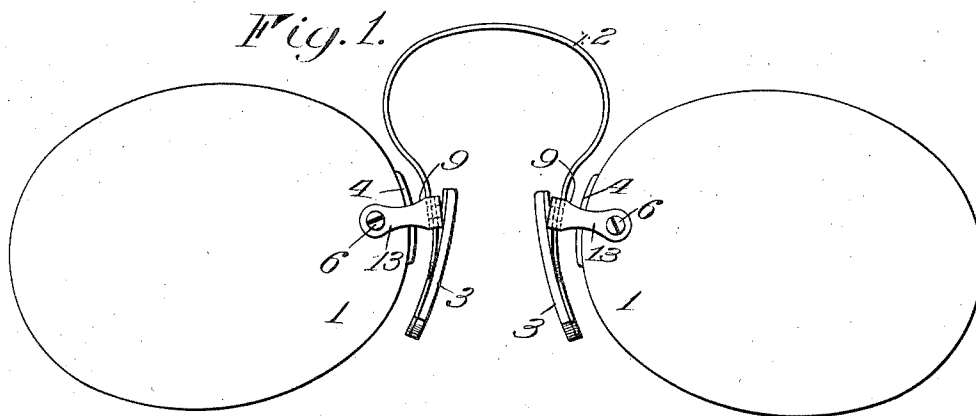
No. 816,839.

PATENTED APR. 3, 1906.

L. F. ADT.

LENS MOUNT AND CONNECTION FOR EYEGLASSES.

APPLICATION FILED MAY 16, 1905.



Witnesses

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LENS-MOUNT AND CONNECTION FOR EYEGLASSES.

No. 816,839.

Specification of Letters Patent.

Patented April 3, 1906.

Application filed May 16, 1905. Serial No. 260,648.

To all whom it may concern:

Be it known that I, LEO F. ADT, of Troy, in the county of Rensselaer and State of New York, have invented certain new and useful Improvements in Lens-Mounts and Connections for Eyeglasses; 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-numerals marked thereon.

My present invention relates to improvements in eyeglasses, and the purpose of the invention is to provide improved means for connecting the spring and guards or other separable parts of the mounting to the lenses, whereby these parts may be firmly secured together without the necessity of employing the usual fastening-screw or similar devices, which readily loosen, the parts being so arranged that the lens-securing screw or other device may serve also to lock the parts of the mounting together.

To these and other ends the invention consists in certain improvements and combination 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 front elevation of a pair of eyeglasses fitted with connections constructed in accordance with my invention. Fig. 2 is a longitudinal section through one of the connections and a portion of the lens. Fig. 3 is a perspective view of a portion of the connection with the spring and guard removed; and Fig. 4 is a view similar to Fig. 2, showing another form of connection embodying my invention.

The same numerals of reference designate similar parts in the several views.

In the accompanying drawings, 1 designates the lenses, 2 the bridge-spring, and 3 the guards, of a pair of eyeglasses, the spring and guards being attached to the lenses by means of connections embodying my invention.

The present forms of the invention employ the lens-attaching devices 4, having an apertured arm 5 adapted to engage a surface of the lens and to receive the usual securing-screw 6, and each attaching device is also provided with a seat 7 to receive the attaching portions of the spring and guards and has a pin or projection 8 to enter the apertures usually formed in the attaching portions of

the mounting. In order to connect the parts of the mounting to the attaching devices, the apertured portions of the mounting are applied to the seat 7 of the attaching device in such a way that the pin 8, projecting therefrom, rests in the apertures of the said portions, and as the attaching device is applied in the usual way to the lens edge a locking member 9, embodying a strap in its present form, is fitted to the attaching device, a bearing portion 10 thereon, having an aperture 11 to admit the pin 8, being adapted to bear flatwise against the attaching portions to clamp them firmly to the seat 7 of the attaching device. The strap shown in Fig. 2 is provided with a pair of arms 12 and 13, adapted to rest on opposite surfaces of the lens and arranged to be secured thereto by the lens-securing screw 6, the latter also serving to secure the attaching device 4 to the lens. The strap shown in Fig. 4 is provided with a single arm 14 to engage the lens-surface opposite to the arm 5 of the attaching device, and the opposite end 16 of the strap overlaps the opposite side of the attaching device sufficiently to confine the attaching portions of the mounting. In either form shown the aperture in the locking member may be countersunk to cooperate with a taper-head securing-screw in order to obtain a drifting action, and thereby produce a clamping action on the attaching portions of the mounting by the clamping member, and it is generally preferable to employ lens-attaching devices having a single attaching-arm, as this form of device when employed in combination with a locking member embodying my invention enables lenses of different thicknesses to be accommodated, while the attaching-arm of the locking member bearing on the opposite surface of the lens will reinforce the connection between the lens and attaching device; but any desired form of attaching device may be employed, as I do not limit myself to any particular kind.

I claim as my invention—

1. In eyeglasses, the combination with the lenses and the mounting adapted to be connected thereto, of an attaching device for each lens having an attaching-arm and formed to receive the mounting, a locking member for connecting the mounting and attaching device, and a securing device extending through the lens and the said attaching-arm and cooperating with the locking member to secure it in locked position.

2. In eyeglasses, the combination with the lenses and the mounting adapted to be connected thereto, of a device formed to receive the mounting and having an apertured attaching-arm for engagement with one surface of the lens, a locking member having a portion to cooperate with the mounting to secure it to the device, and provided with an arm to rest at one side of the lens, and a lens-securing device passing through the attaching-arms of the locking member and the said device.

3. In eyeglasses, the combination with the lenses, and the spring and guards adapted to be attached thereto, of an attaching device secured to each lens by a lens-screw and having a seat to receive a portion of the spring and guard and a projection to enter an aperture therein, and a locking device secured by the lens-screw for fastening the spring and guards to the attaching device.

4. In eyeglasses, the combination with the lenses, and the spring and guards adapted to be attached thereto, of a device for each lens having a seat to receive the attaching portion of the spring and guard, a locking member embodying a strap having a portion to cooperate with the attaching portion of the spring and guard and an arm overlapping one side of the lens, and a lens-securing device for securing both the attaching device and locking member.

5. In eyeglasses, the combination with the lenses, and the spring and guards adapted to be attached thereto, of an attaching device for each lens having an arm adapted to engage one surface thereof, and provided with a seat to receive the attaching portion of the spring and guard, of a strap having an intermediate portion to cooperate with the attaching portion of the spring and guard, and arms

overlapping the opposite surfaces of the lens and adapted to receive the lens-securing device.

6. In eyeglasses, the combination with the lenses, and the mounting having portions adapted to be attached thereto, of an attaching device for each lens formed to receive an attaching portion of the mounting, a locking member having a portion cooperating with the attaching portion of the mounting, and means arranged transversely of the plane of the lens for operating the locking member relatively to the attaching device for securing the mounting to the attaching device.

7. In eyeglasses, the combination with the lenses, and the mounting adapted to be secured thereto, of an attaching device for each lens formed for attachment to the mounting, a locking member having a portion cooperating with the mounting, and a device serving to secure the attaching device to the lens and for producing relative motion between the locking member and the attaching device for securing the mounting.

8. In eyeglasses, the combination with the lenses, and the mounting adapted to be secured thereto, of an attaching device for each lens formed to connect with the mounting, of a locking member having a portion cooperating with the mounting and an arm arranged opposite to a lens-surface having a countersunk aperture therein, and a screw extending through the lens and the apertured arm of the locking member for drawing the latter toward the lens to secure the mounting.

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