

(No Model.)

L. RIEMENSCHNEIDER.
FRAME FOR EYEGLASSES.

No. 416,857.

Patented Dec. 10, 1889.

Fig. 1.

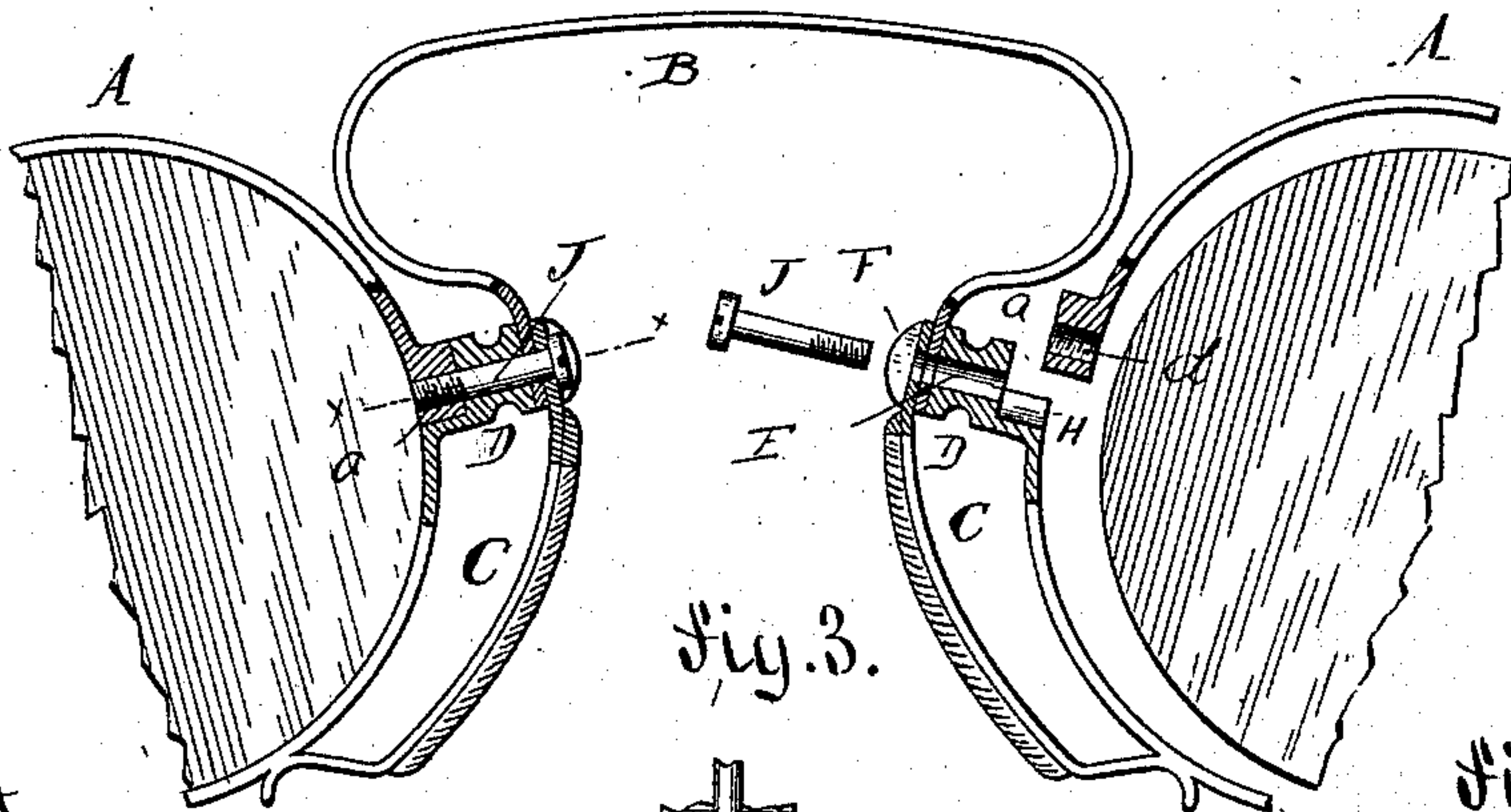


Fig. 3.

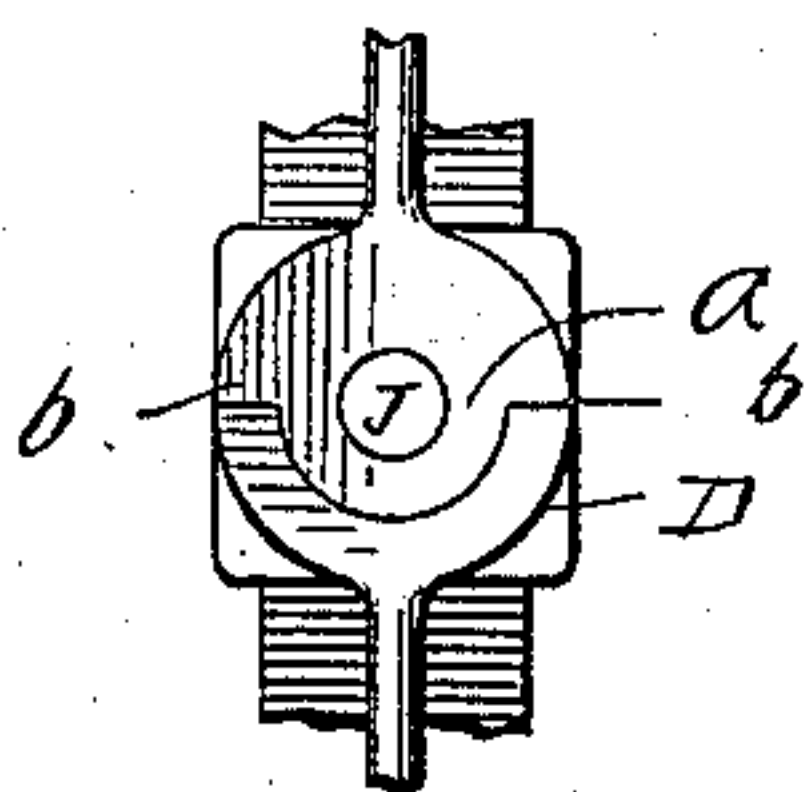


Fig. 2.

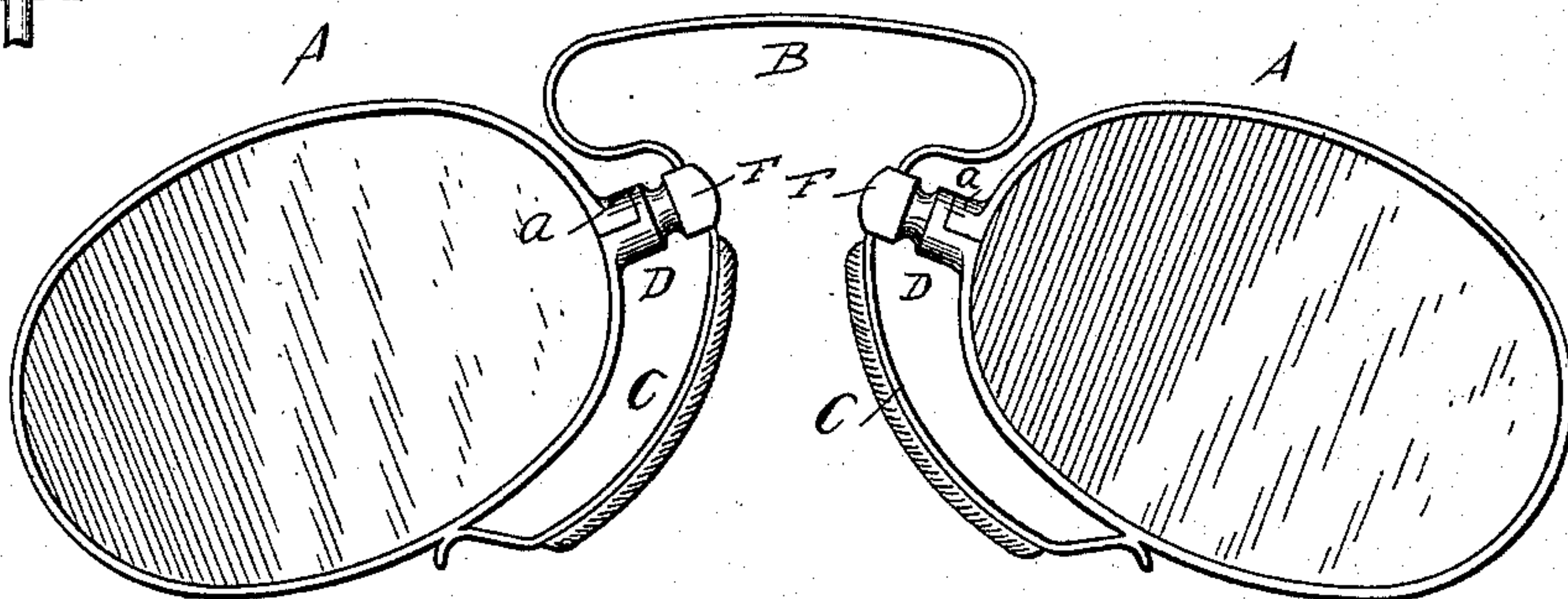


Fig. 6.

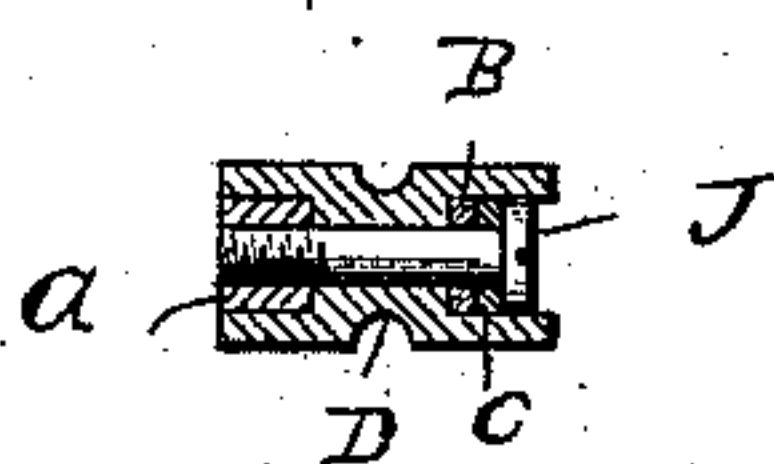


Fig. 4.

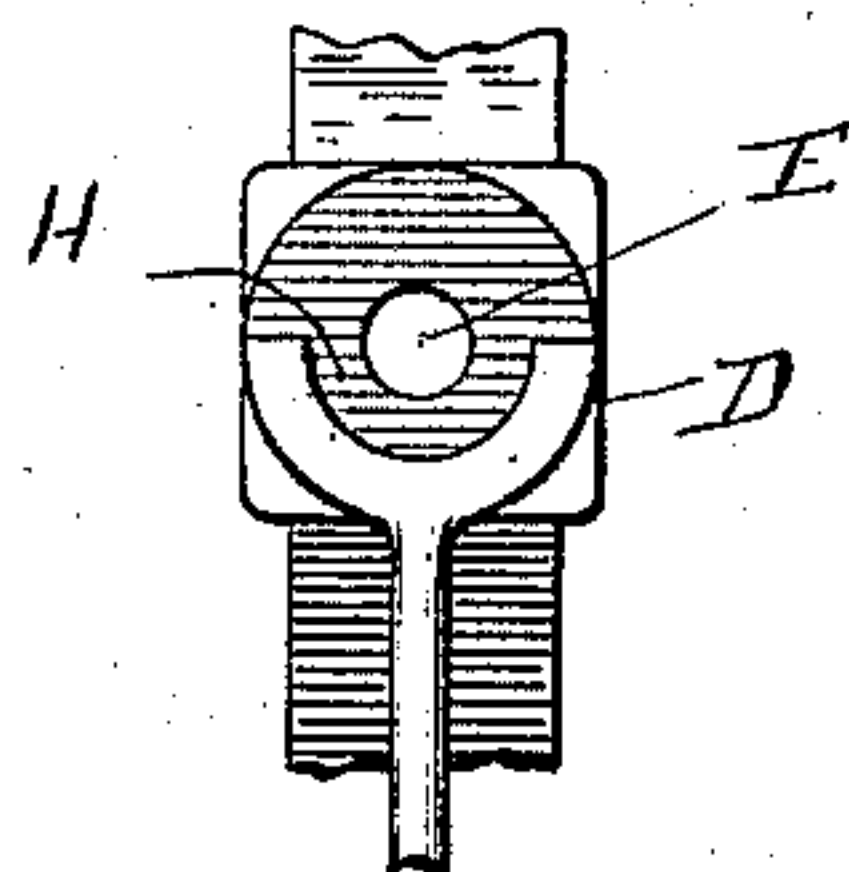
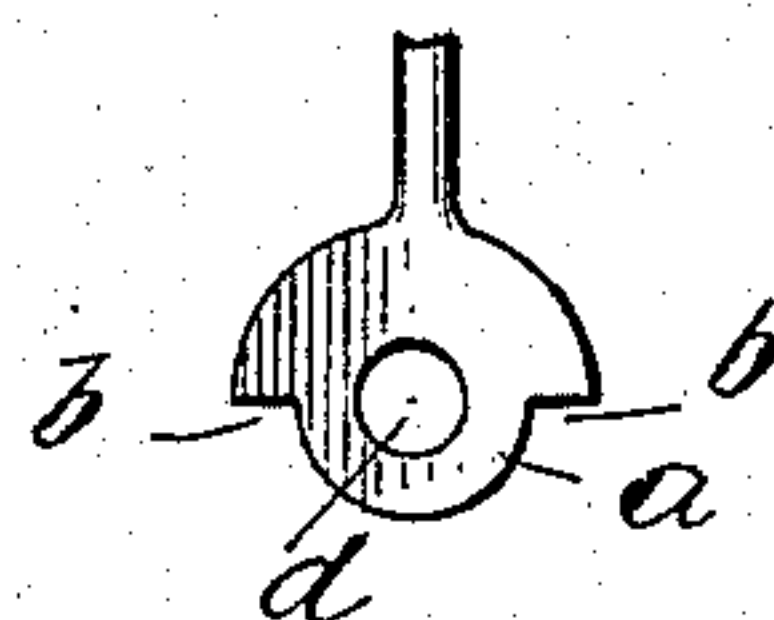


Fig. 5.



WITNESSES:

For W. Rosenbaum.
W. Reimherr.

INVENTOR

Louis Riemenschneider

BY

Georg & Raegenow

ATTORNEYS

UNITED STATES PATENT OFFICE.

LOUIS RIEMENSCHNEIDER, OF NEW YORK, N. Y.

FRAME FOR EYEGLASSES.

SPECIFICATION forming part of Letters Patent No. 416,857, dated December 10, 1889.

Application filed August 9, 1889. Serial No. 320,219. (No model.)

To all whom it may concern:

Be it known that I, LOUIS RIEMENSCHNEIDER, of New York, county and State of New York, a citizen of the United States, have invented certain new and useful Improvements in Frames for Eyeglasses, of which the following is a specification.

This invention relates to improvements in spring eyeglass-frames; and the object of my invention is to provide an eyeglass-frame which can be readily closed, the screw that closes said frame also serving to hold the bow-spring and the nose-rests.

The invention consists in a lens-frame formed of a wire provided on one end with a hub and at the other end with recessed post for receiving said hub, which post is provided on the outer end with wings, between which the bow-spring and nose-rest can be placed. A screw is then passed through the apertures of the nose-rest, spring, and post, and screwed into the threaded aperture of the hub, thereby holding all the parts together.

The invention also consists in the construction and combination of parts and details, as will be fully described and set forth hereinafter, and finally pointed out in the claims.

In the accompanying drawings, Figure 1 is an enlarged longitudinal sectional view of my improved eyeglass-frame, one of the lens-frames being closed and the other open, and parts being broken out. Fig. 2 is a face view of an eyeglass provided with my improved frame. Fig. 3 is an enlarged detail view of the joint of the lens-frame, taken from the inner side. Figs. 4 and 5 are enlarged detail views of the parts on the ends of the lens-frame. Fig. 6 is a horizontal sectional view on line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The eyeglass-frame is composed of two lens-frames A A, of the conventional shape, united by a bow-spring B and provided with nose-rests C. The lens-frames A are formed of wire, which is inserted in the rim or edge of the lens, or said wire is grooved on the inside to receive the beveled edge of the lens, both of these constructions being old and well known. I provide that end of the lens-frame wire that extends over the top of the

lens with a short cylindrical hub *a*, having the two lateral shoulders *b* and the centrally-threaded aperture *d*. That end of the lens-frame wire that extends along the bottom edge of the lens I provide with a cylindrical post D, having a central aperture E, which is not screw-threaded, and at its outer ends the post is provided with two wings F F, between which one end of the spring B and the upper end of a nose-rest C can be placed, the end of the nose-rest resting on the end of the spring, and both the spring and nose-rest having apertures that register with the aperture in the post D. At the inner end of said post half of the post is cut away to form a semi-circular recess H in the remaining half of the post, which recess serves for receiving the smaller half of the hub *a*, so that when said hub *a* is placed into said recess H the outer surface of that part of the hub *a* having the greater diameter will be flush with and form a true circle with the remaining part of the post D, as shown in Fig. 3. A screw J is then passed through the apertures in the ends of the corresponding nose-rest C and spring B and through the aperture E of that post D on which said nose-rest and spring rest, and is screwed into the threaded aperture *d* of the hub *a*, which hub *a* has been placed into the recess H, the lens K having been previously placed into the wire lens-frame. The screw thus not only serves for closing the lens, but also serves for holding the upper ends of the nose-rests and the ends of the spring securely on the lens-frame. Opening and closing the lens-frame for the purpose of removing or securing a lens and supplying a nose-rest and spring is thus greatly facilitated, and all parts are held firmly and securely.

It is evident that a bow such as is used in spectacles can be secured on the frame in the same manner that the spring is.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A lens-frame for eyeglasses and spectacles, composed of a bent wire provided on one end with a post having a longitudinal aperture extending entirely through it, and also having a recess at its inner end, the other end of the said wire being provided with a hub having a longitudinally-screw-threaded

aperture, said hub fitting in the recess in the inner end of the post, substantially as set forth.

2. In an eyeglass-frame, the combination,
5 with a wire lens-frame provided at one end with a post having a recess at its inner end and provided on its other end with a hub fitting into said recess, the post and hub having longitudinal apertures, that of the hub
10 being threaded, wings on the outer ends of the post, a nose-rest and a bow-spring placed

between said wings, and a screw passed through apertures in the spring, nose-rest, and post, and screwed into the aperture of the hub, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

LOUIS RIEMENSCHNEIDER.

Witnesses:

PAUL GOEPEL,
W. REIMHERR.

15