

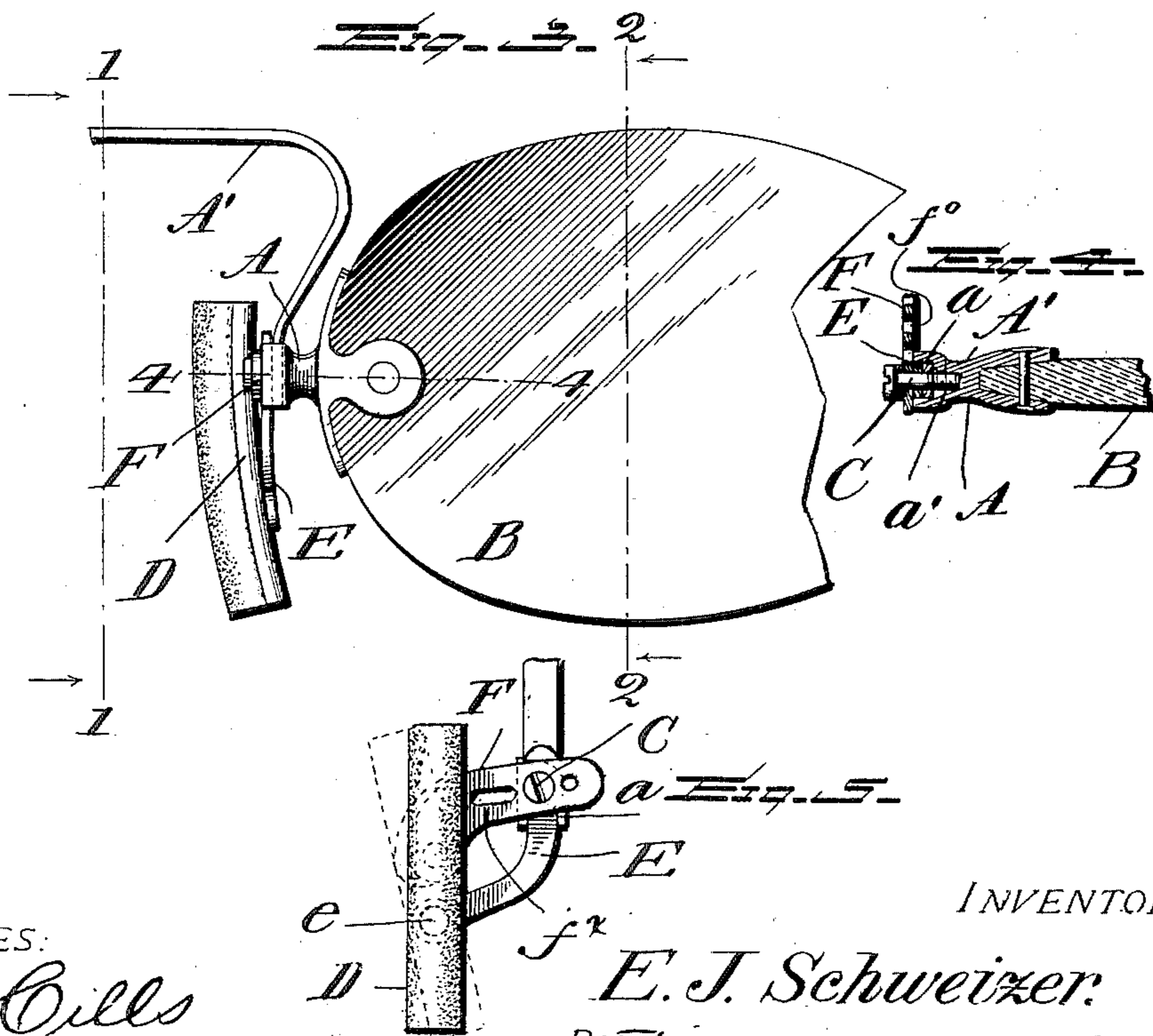
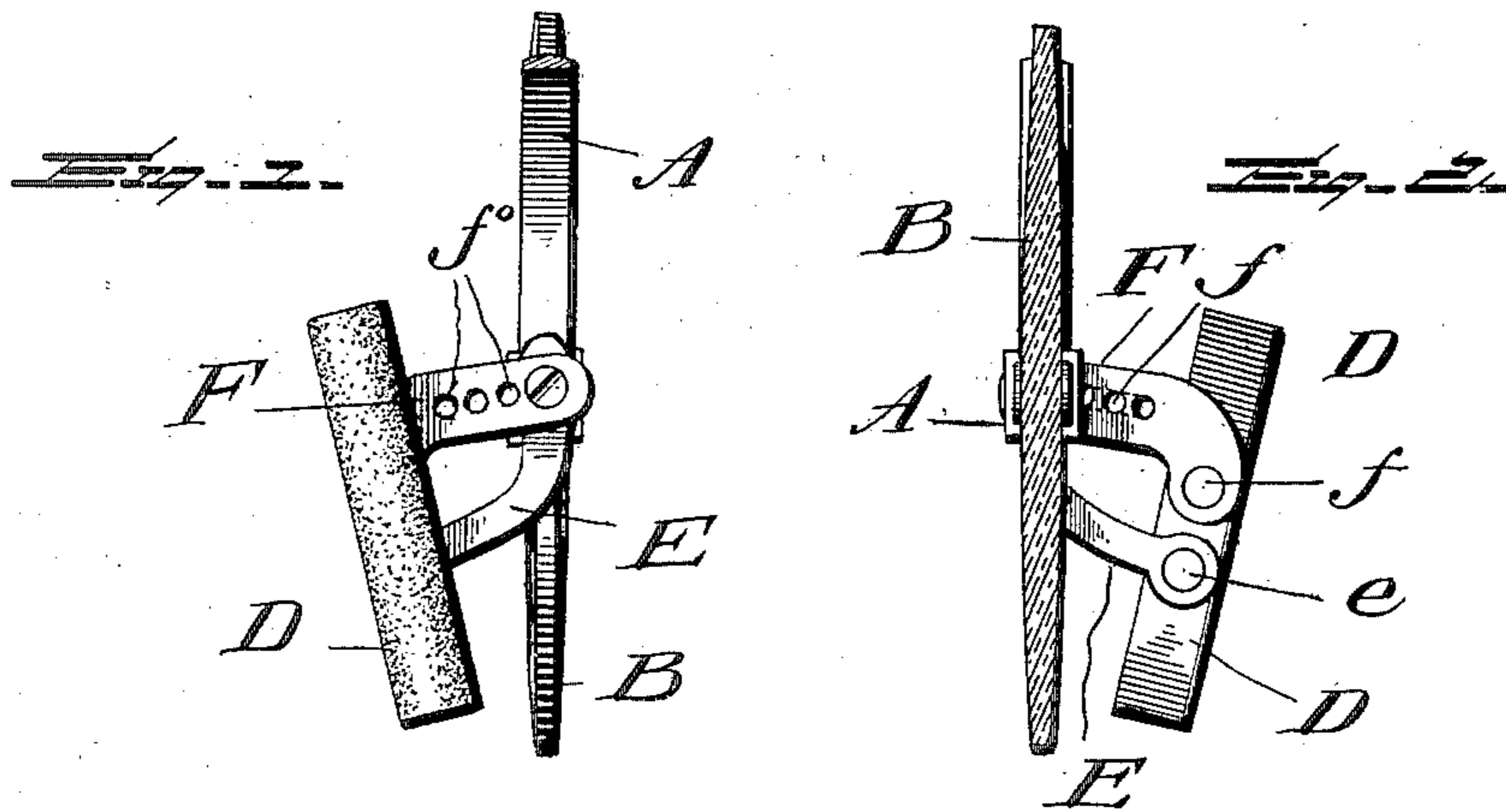
No. 667,997.

Patented Feb. 12, 1901.

E. J. SCHWEIZER.  
EYEGLASSES OR PINCE-NEZ.

(Application filed Aug. 3, 1900.)

(No Model.)



WITNESSES:

*L. C. Hills*  
*John M. Williams*

INVENTOR:

*E. J. Schweizer*

BY *W. H. M. & Co.*

Attorneys

# UNITED STATES PATENT OFFICE.

EMILE J. SCHWEIZER, OF SELMA, ALABAMA.

## EYEGLASSES OR PINCE-NEZ.

SPECIFICATION forming part of Letters Patent No. 667,997, dated February 12, 1901.

Application filed August 3, 1900. Serial No. 25,831. (No model.)

*To all whom it may concern:*

Be it known that I, EMILE J. SCHWEIZER, a citizen of the United States, residing at Selma, in the county of Dallas and State of Alabama, have invented certain new and useful Improvements in Eyeglasses or Pince-Nez; and I do hereby 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.

My invention relates to improvements in eyeglasses, and particularly to improvements in the means for adjusting the nose-clamp of pince-nez and eyeglasses of this sort.

The object of my invention is to provide means for facilitating the ready adjustment of the angle of the glasses upon the nose of the wearer.

It is commonly known that different persons require different adjustment of the nose-clamp, and it is with this consideration in view that I have produced the present invention.

The invention will be understood by reference to the accompanying drawings, wherein the same parts are indicated by the same letters throughout the several views.

Figure 1 is a sectional view taken on the line 1 1 in Fig. 3 and looking in the direction of the arrow, parts being shown in elevation. Fig. 2 is a sectional view taken on the line 2 2 in Fig. 3, looking in the direction indicated by the arrow. Fig. 3 is a partial view from the front of the bar-eyeglasses provided with my invention. Fig. 4 is a sectional view taken on the line 4 4 in Fig. 3, the nosepiece being omitted; and Fig. 5 is a view illustrating the variation and adjustment of the nose-bar.

Referring particularly to Fig. 3, A represents one of the frames, in which is held the lens B and to which is connected the arched nose-bar A' of spring metal, as commonly used. The frame A is provided with a recess *a*, in which fits snugly the end of the arch nosepiece A', as seen most clearly in Fig. 4. This nosepiece is clamped in the said recess by means of the screw C, which passes through an opening in the nosepiece and engages a screw-threaded socket in the frame A, as seen at *a'* in Fig. 4. The screw C also serves to

hold the nose-bar D, as hereinafter described. The nose-bar D shown in the various figures of the drawings is of the ordinary or any preferred form, and to the back of this nose-bar D an arm E is pivoted, as at *e*, as seen most clearly in Fig. 2. The arm E is preferably curved, as shown at its other end, fits into the recess *a* in the frame A, adjacent to and resting upon the end of the arched nosepiece A', the depth of the recess *a* being just sufficient to receive the thickness of the bar A' and the arm E, so that with these parts in position in the said recess *a* the other surface of the arm E lies flush with or extends very slightly beyond the other edge of the said recess. Another arm or bar F is pivoted at one end, as at *f*, to the back of the nosepiece D, and the said bar F is provided in the range of its opposite end with a succession of openings *f*<sup>0</sup> for the passage of screw C, hereinbefore referred to. The screw C passes through either one of the openings *f*<sup>0</sup> in the pivoted bar F and through an opening in the arm *e* and similarly through an opening in the arched nose-bar A', and finally engages in the screw-threaded socket therefor in the frame A, as seen at *a'* in Fig. 4, as hereinbefore described.

The pivotal points *e* and *f* of the bars E and F, respectively, should preferably be near or upon opposite sides of the central point of the nosepiece D. The manner in which the arm E is clamped within the recess *a* of the frame A makes the side arm E rigid with the side frame, so that the pivotal point *e* of connection between the said arm E and the nosepiece D is in the nature of a fulcrum for the nosepiece. The succession of openings *f*<sup>0</sup> in the arm F permits of the adjustment of the side arm, to effect which adjustment the screw C is removed and reinserted. Instead of having a succession of openings *f*<sup>0</sup> it will be obvious that a continuous opening or slot may be provided, as indicated by *f*<sup>x</sup> in Fig. 5. In this case the screw C would not have to be entirely removed, but the adjustment might be effected by loosening up on the screw, as will be readily understood.

The arrangement of the fulcrums *e* and *f* with respect to each other permits of a very wide range of adjustment to the arm or bar F, and while the angle between the lens and the

nosepieces may be varied considerably the distance of said nosepieces from the lens will not be altered. This, it will be seen, is a very valuable attainment in the class of eyeglasses to which this invention belongs, and the arrangement of the side arms E and F constitutes a stable and sufficiently rigid and secure support for the nosepiece D.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is--

1. In eyeglasses or pince-nez, the combination with the two nosepieces; of an internally-screw-threaded fastening-post secured to each of the lenses, a fulcrum-bar pivotally secured to each of said nosepieces at a point approximately intermediate their length, a lever-bar also pivotally secured to each of said nosepieces at a point above and in close proximity to the pivot of said fulcrum-bar and a screw adapted to enter said fastening-post and adjustably secure the ends of said

fulcrum and lever bars in any desired position, substantially as described.

2. In eyeglasses or pince-nez, the combination with the fastening-post A, the fulcrum-bar E, the perforated lever-bar F and the screw C adapted to secure said bars E and F to said fastening-post A; of a nose-clamping piece D, provided at a point intermediate of its length with the pivots *e* and *f*, in close proximity in respect to each other, to which the free ends of said bars E and F are respectively secured, so that the said nosepiece D may be secured at any desired angle to the lens without altering its distance therefrom, substantially as described.

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

EMILE J. SCHWEIZER.

Witnesses:

L. P. KEIPP,  
E. GILLMAN.