

(No Model.)

F. W. McALLISTER.

EYEGLASSES.

No. 315,154.

Patented Apr. 7, 1885.

Fig. 1.

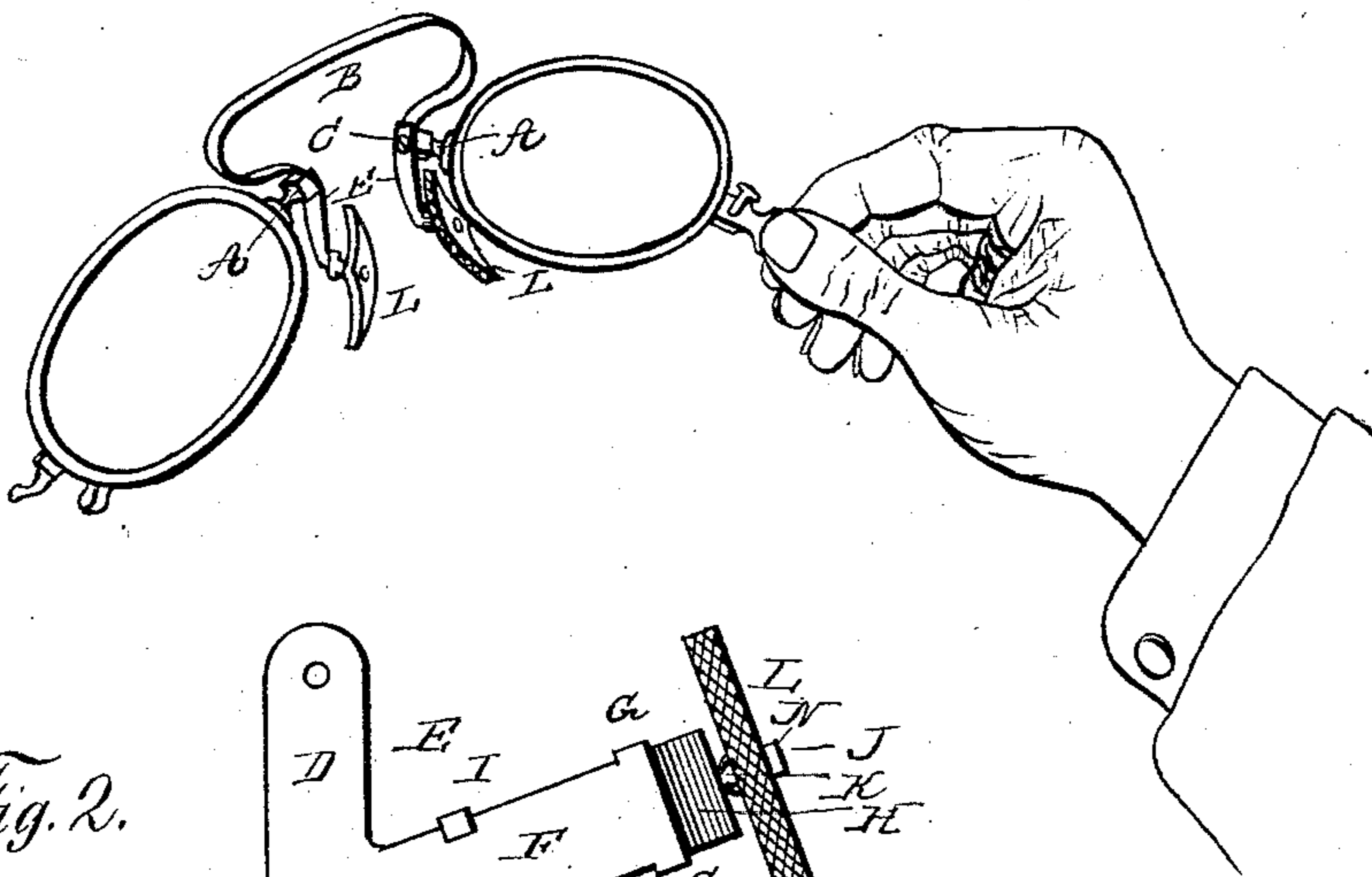


Fig. 2.

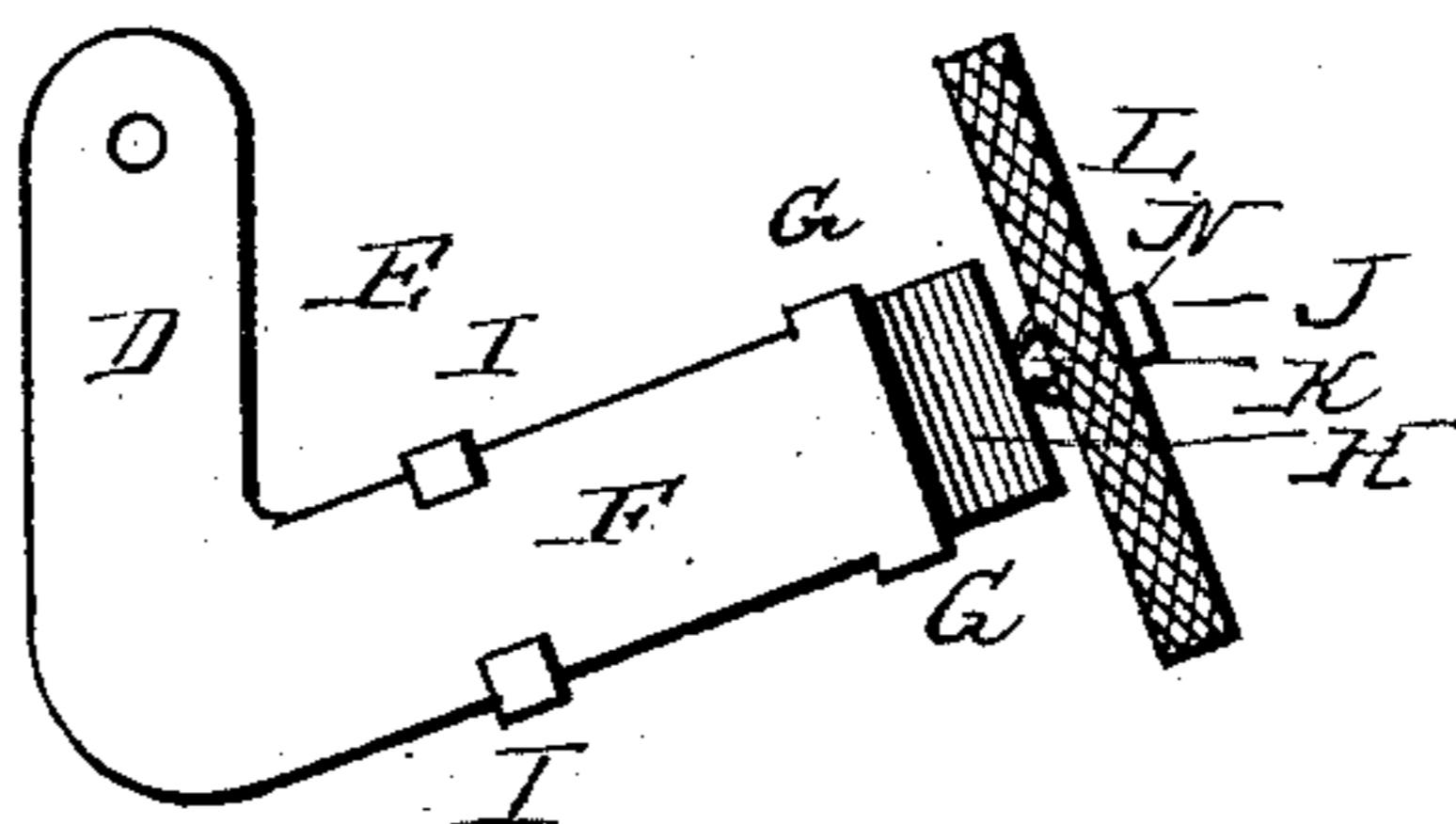
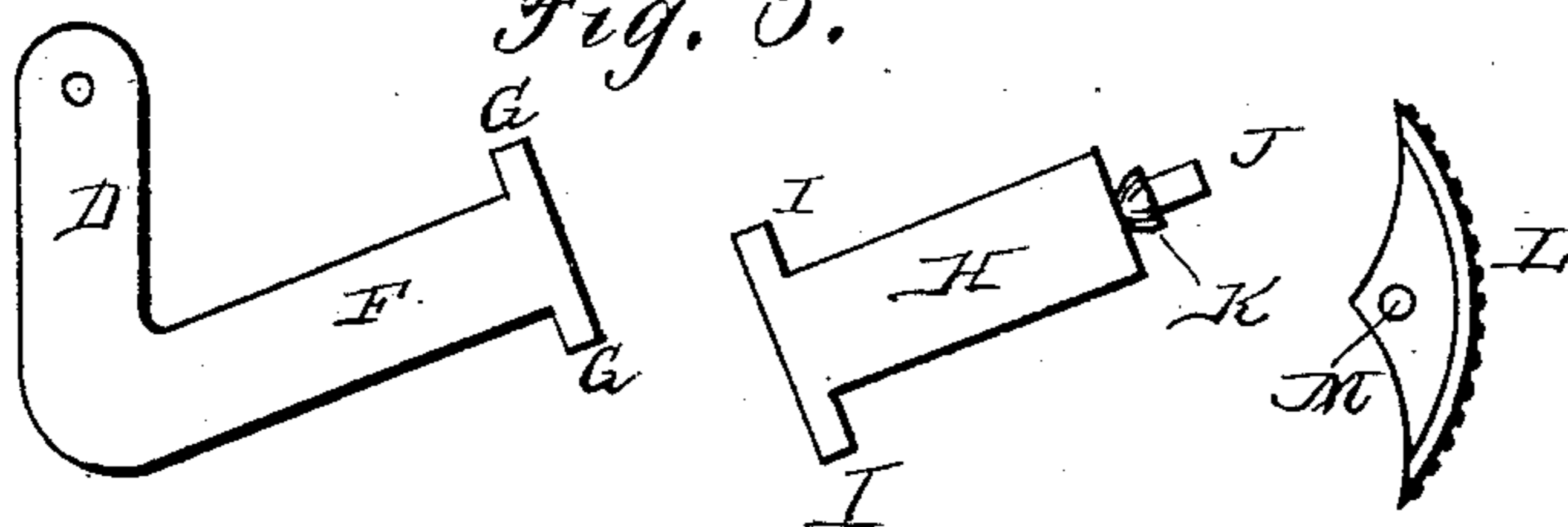


Fig. 3.



Witnesses

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# UNITED STATES PATENT OFFICE.

FRANCIS WARDALE McALLISTER, OF BALTIMORE, MARYLAND.

## EYEGLASSES.

SPECIFICATION forming part of Letters Patent No. 315,154, dated April 7, 1885.

Application filed December 19, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, FRANCIS W. McALLISTER, a citizen of the United States, residing at Baltimore, in the county of Baltimore and State of Maryland, have invented certain new and useful Improvements in Eyeglasses; 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 letters and figures of reference marked thereon, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved nose-glasses. Fig. 2 is a similar view, on an enlarged scale, of one of the bent arms; and Fig. 3 is a view of the two parts of the said arm and of the nose-piece separated.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to that kind of nose-glasses in which the nose-pieces are secured upon the inwardly-bent ends of bent arms secured to the clips, to which the ends of the springs are secured; and it consists in the improved construction and combination of parts of such glasses, in which the said nose-pieces are pivoted upon the inner ends of the arms, and in which the bent portions of the arms are made extensible, as hereinafter more fully described and claimed.

In the accompanying drawings, the letters A A indicate the clips, to which the ends of the spring B are secured by means of screws C, in the usual manner, and the upwardly-bent ends D of the bent arms E are secured outside of the ends of the spring upon the said screws. The inwardly-bent portions F of the arms are provided with small lips or flanges G G at their ends, which lips or flanges are bent over the edges of a sliding plate or piece, H, which is of the same width as the inwardly-bent portion of the arm, and which has at its inner end two similar lips or flanges, I, which are bent or folded over the edges of the inwardly-bent portion of the arm, the said lips or flanges serving to guide and secure the sliding portion upon the bent portion of the

arm. The outer ends of the sliding portions are formed into pivots J and shoulders K at the inner ends of the pivots, and the nose-pieces L are pivoted upon these pivots, having perforations M at the middles of their rear portions, into which the pivots fit, the ends of the pivots being upset or enlarged, as shown at N, to prevent the nose-pieces from coming off.

The inner edges or faces of the nose-pieces are preferably segmental, and corrugated, serrated, or otherwise roughened, so as to retain a firm hold upon the nose of the wearer.

It will be seen that by having the nose-pieces pivoted in this manner, to rock in a plane transverse to the plane of the bent arms, the said nose-pieces will adjust themselves to the angle of the sides of the nose of the wearer, adding to the comfort of the wearer, while the glasses will be held at a distance from the eyes and eyelashes by the bent arms, and the inwardly-bent portions of the said arms being extensible, they may be adjusted to bring the glasses at the exact distance from the eyes which will be most convenient and advantageous for the wearer, all that is required for adjusting and securing the sliding portions to the correct length being to press the clamping lips or flanges firmly against the edges and faces of the opposite portion.

I am aware that it is not broadly new to have inwardly-bent arms carrying the nose-pieces, and I am likewise aware that it is not broadly new to have the nose-pieces pivoted to rock in a plane transverse to the planes of the sides of the nose, and I do not wish to make broad claims for such constructions; but I am not aware that pivoted nose-pieces have been applied to the ends of bent arms; neither am I aware that the inwardly-bent portions of these arms have been made extensible; and

I therefore claim—

1. In a pair of nose-glasses, the combination, with the inwardly-bent arms secured to the clips securing the ends of the spring, of the nose-pieces pivoted at the ends of the said arms to rock in a plane transverse to the arms, as and for the purpose shown and set forth.

2. In a pair of nose-glasses, the combina-

tion, with the inwardly-bent arms secured to the clips securing the ends of the spring, and formed with pivots at their inwardly-pointing ends, of the nose-pieces pivoted at their middles upon the said pivots, as and for the purpose shown and set forth.

3. In a pair of nose-glasses, the combination of an inwardly-bent arm, secured at the end of its upwardly-bent portion to the clip securing the end of the spring, with a plate provided at its outer end with a nose-piece and sliding adjustably upon the inwardly-bent portion of the arm, as and for the purpose shown and set forth.

4. In a pair of nose-glasses, the combination of the inwardly-bent arms, secured to the clips securing the springs and formed with lips or flanges at the edges of their outer ends, with plates of the same width as the inwardly-bent portions of the arms, provided with lips or flanges at their inner ends, and with nose-pieces at their outer ends, the said lips or flanges clamping the edges of the opposite

portions, as and for the purpose shown and set forth.

5. A pair of nose-glasses comprising inwardly-bent arms having lips or flanges at the edges of their inwardly-pointing ends and secured at their upwardly-pointing ends upon the clips securing the ends of the springs, plates of the same width as the inwardly-bent portions of the arms formed with lips or flanges at their inner ends, and with shoulders and pivots at their outer ends, the said lips or flanges of the arms and plates clamping the edges of the opposite portions, and nose-pieces pivoted at their middles upon the pivots rocking in a plane transverse to the plane of the arms, all constructed and arranged as and for the purpose shown and set forth.

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

FRANCIS WARDALE McALLISTER.

Witnesses:

HENRIK SUNNE,

WM. H. JONES.