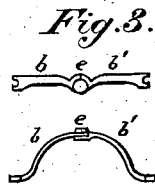
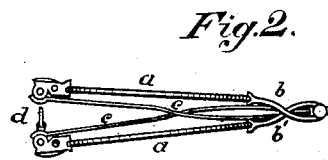
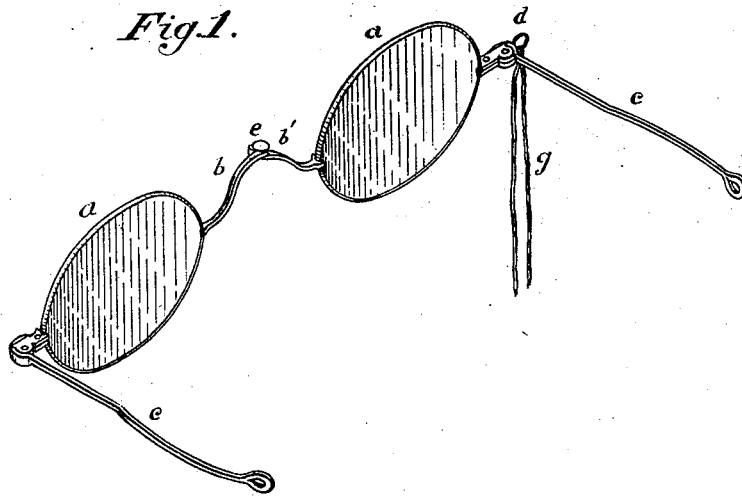


J. JOHNSON.
SPECTACLES.

No. 188,246.

Patented March 13, 1877.



Attest:
S. H. Schott.
S. Jeweyck.

Inventor:
Jonathan Johnson

UNITED STATES PATENT OFFICE.

JONATHAN JOHNSON, OF LOWELL, MASSACHUSETTS.

IMPROVEMENT IN SPECTACLES.

Specification forming part of Letters Patent No. **188,246**, dated March 13, 1877; application filed August 26, 1876.

To all whom it may concern :

Be it known that I, JONATHAN JOHNSON, of the city of Lowell, county of Middlesex, State of Massachusetts, have invented certain new and useful Improvements in Folding Spectacles, of which the following is such a full, clear, and exact description as will enable others to construct and use them, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of the article complete. Fig. 2 shows it folded, and Fig. 3 exhibits a modification of the nose-piece.

The object of this invention is to produce a pair of spectacles which may be folded in such a manner as to occupy no more space than the common eyeglass when folded, and which may be readily carried in the vest-pocket; and the invention consists in the peculiar construction and arrangement of the different parts, as will be hereinafter fully set forth, and then pointed out in the claims.

In the drawings, *a* represents the rims which surround the glasses connected to each other by a nose-piece formed in two parts, *b* and *b'*, the joining ends of which are pivoted to each other by means of a joint rivet, *e*, which passes through a suitable orifice formed in one end of each part, the opposite ends being forked so as to clasp the rims, rendering their secure attachment thereto an easy matter. These pieces *b* and *b'* are curved in two directions. One, a vertical curve, allows them to fit the bridge of the nose, while the other is a lateral curvature somewhat resembling a letter **S**, as is clearly shown in Fig. 2 of the drawings, which construction allows the parts to cross each other when the spectacles are folded. A modification of this joint is seen

in Fig. 3, which would fold flat without crossing.

Attached to the rims by suitable joints are the short, or, as they are commonly termed, temple bows *c*, of such length that when they are folded their ends will nearly meet in the middle of the nose-piece, but offering no obstruction to the further folding of the glasses at the joint *e*. Attached to the base of one of the bows is the ring *d*, for the purpose of securing a cord, *g*, which may be secured to any convenient portion of the user's garments, thus avoiding all danger of their falling to the floor and consequent loss by breakage or otherwise.

I am aware that spectacles and eyeglasses have been constructed with a jointed nose-piece, as shown in the Patents Nos. 22,485 and 156,468, but the construction and arrangement of devices therein shown I do not claim; but

I do claim, and desire to secure by Letters Patent, the following:

1. The folding spectacles, heretofore described, consisting of the jointed nose-piece formed in two parts, *b* and *b'*, having bifurcated ends, the rims *a*, and temple-bows *c*, provided with ring *d*, all combined and arranged as and for the purpose specified.

2. The jointed nose-piece, composed of the parts *b* and *b'*, having bifurcated ends, as shown, and for the purpose set forth.

In testimony whereof I have hereunto affixed my signature this 15th day of August, 1876, in presence of two witnesses.

JONATHAN JOHNSON.

Witnesses:

C. H. JOHNSON,
FRED. PATCH.