

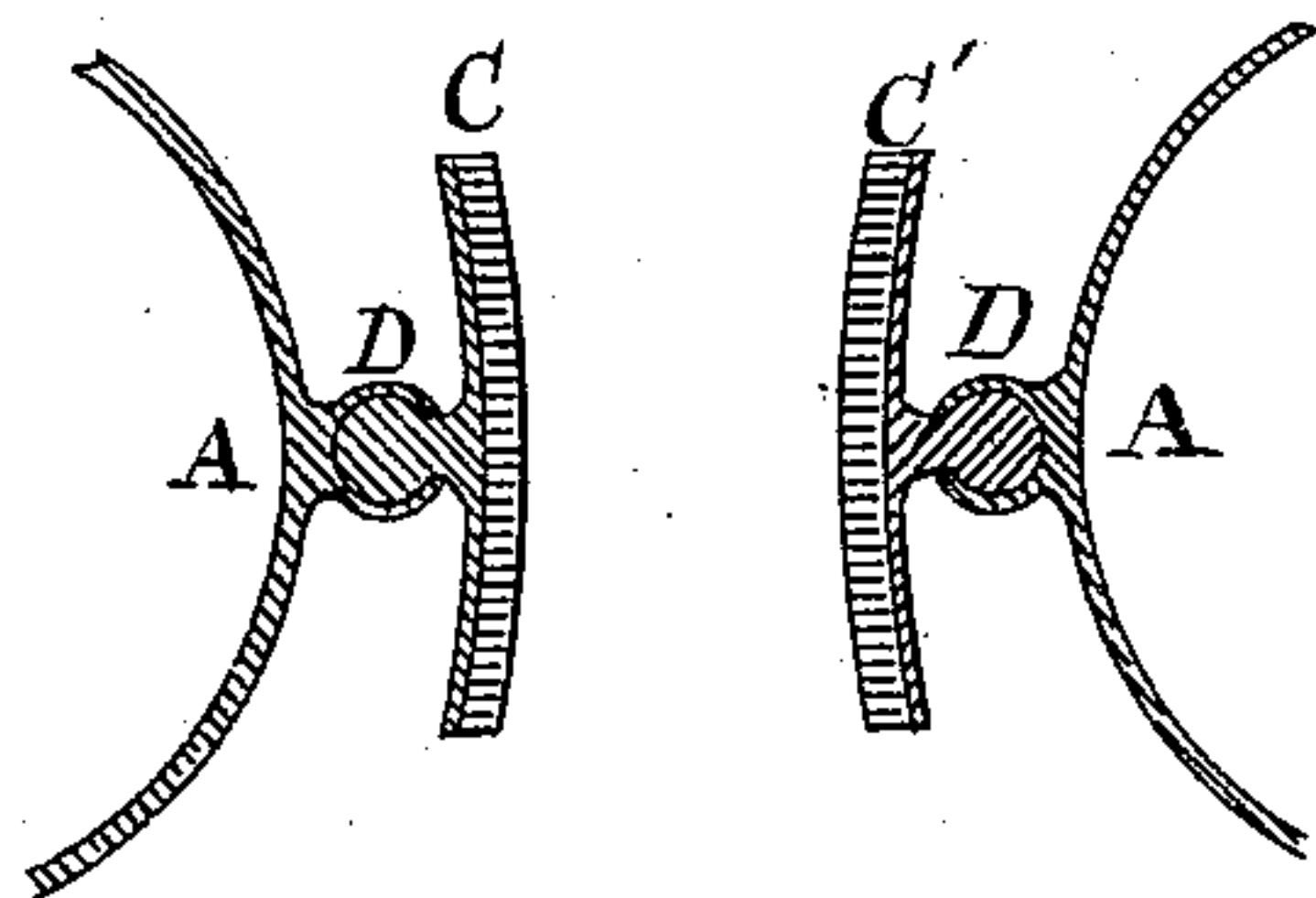
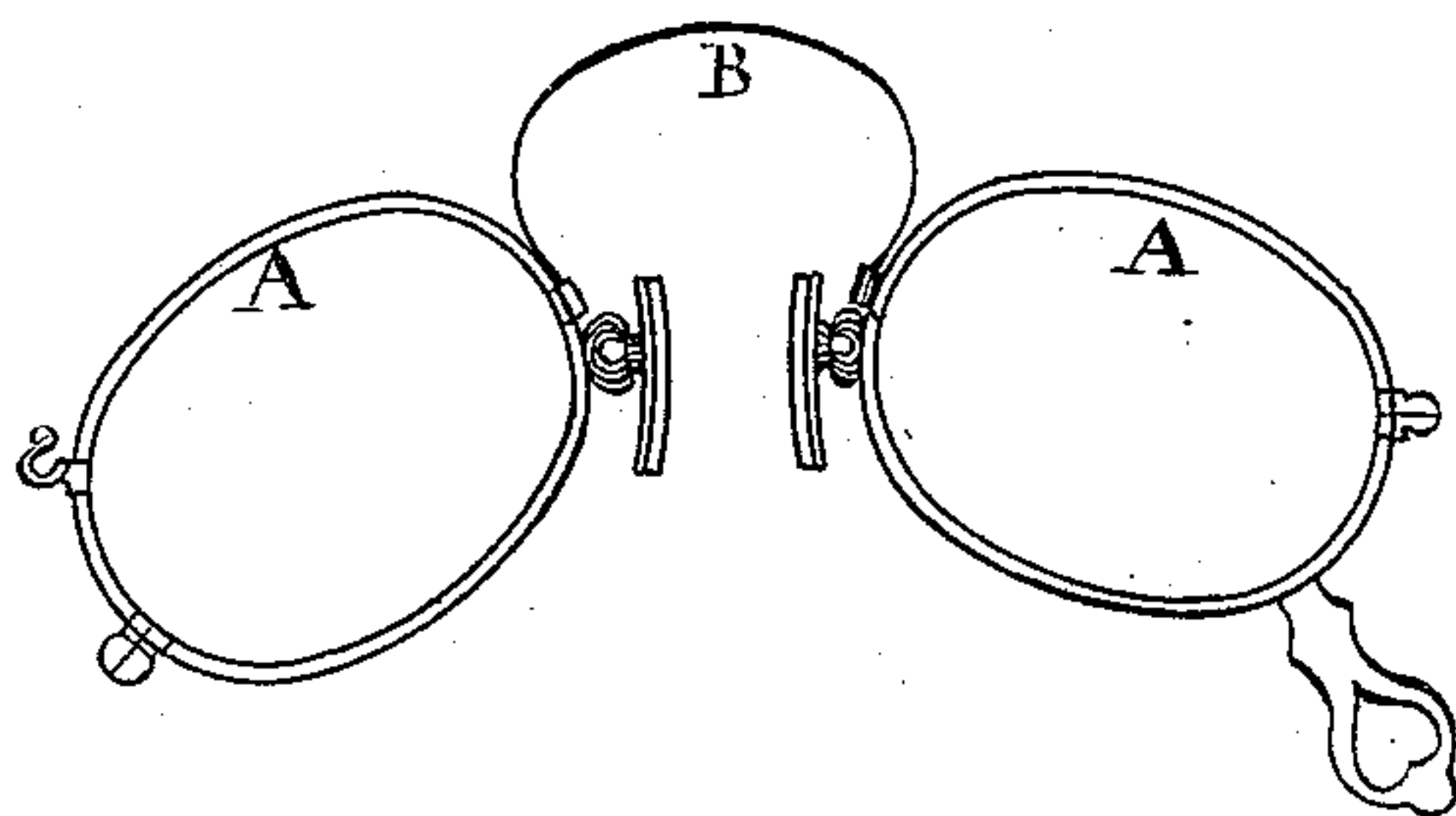
I. H. JOHANNES.

EYE-GLASSES.

No. 189,103.

Patented April 3, 1877

*Fig. 1.*



*Fig. 2.*



*Fig. 3.*

Attest

*C. M. Cornell*  
*W. R. Singleton*

Inventor.

*Ira H. Johannes*  
*Per Blanchard & Singleton*  
*Atty.*

# UNITED STATES PATENT OFFICE

IRA H. JOHANNES, OF WASHINGTON, D. C., ASSIGNOR OF ONE-HALF HIS  
RIGHT TO RICHARD T. WATERS, OF BALTIMORE, MD.

## IMPROVEMENT IN EYEGLASSES.

Specification forming part of Letters Patent No. **189,103**, dated April 3, 1877; application filed  
February 26, 1877.

*To all whom it may concern:*

Be it known that I, IRA H. JOHANNES, of Washington, in the county of Washington and District of Columbia, have invented certain new and useful Improvements in Frames for Eyeglasses; and I do hereby declare that the following is a full, clear, and exact description thereof, which 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 letters of reference marked thereon, which form a part of this specification—

Figure 1 being an elevation of my improved frame, showing the loops for the reception of the glasses, with a handle attached, the rests or pads which hold the frame upon the nose, and a ball-and-socket joint, for uniting the pads to the frame. Fig. 2 is an enlarged section of a portion of the frame, the pads, and the joint. Fig. 3 is designed to show a modification of the pad, the method of attaching it to the frame being the same as in the other cases.

Corresponding letters denote like parts in all of the figures.

This invention relates to the frames of eyeglasses; and it consists in combining with loops which contain the glasses, and with the pad which rests upon the nose, a ball-and-socket joint; the object being to provide for placing said pads in any position which may become necessary to cause them to rest easily upon the wearer, whatever the form of his nose may be.

In constructing eyeglass-frames with my improvement attached thereto, I make the frames A A and spring B of any approved form of construction, and apply thereto pads or rests C C', which may be made entirely of non-corrosive metal, corrosive metal properly plated, or the joints and inner surfaces may be made of metal, and have said inner surfaces covered with cork, hard rubber, or any other substance that will not be injuriously affected by perspiration or the moisture of the face.

For uniting the pads to the bows I use a

ball-and-socket connection, D, substantially such as is shown in Fig. 2 of the drawings, one portion thereof being attached to the pad, and the other to the bows.

By the use of this kind of joint, in combination with the bows and pads of an eyeglass, the wearer is enabled to arrange said pads in the positions shown in Figs. 1 and 2, or at a right angle thereto, or in any position between the two; and he is also enabled to turn them outward or inward, or one outward and the other inward, in the event of the nose being disfigured or of irregular formation, and thus cause the pad to rest firmly upon that portion of the face.

It is customary with many people to wear their eyeglasses well down toward the lower portion of the nose, and when this is done it is of importance that the pads should be capable of being placed in a position nearly or quite at a right angle to the position in which they are shown in the drawings, which may be readily effected by my improvement.

In Fig. 3 I have shown a modified form of pad, which may be used instead of those made as represented in Figs. 1 and 2.

Another form that would answer well for the pads would be to make them of a complete circle, and to some extent dishing, so as to cause them to rest easily upon the nose.

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

In eyeglass-frames, the combination of bows or other devices for holding the glasses, pads or rests for supporting the frames upon the nose, and ball-and-socket joints for uniting the pads to the bows, the operation of the parts being substantially such as described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

IRA H. JOHANNES.

Witnesses:

C. M. CONNELL,

I. G. JOHANNES.