

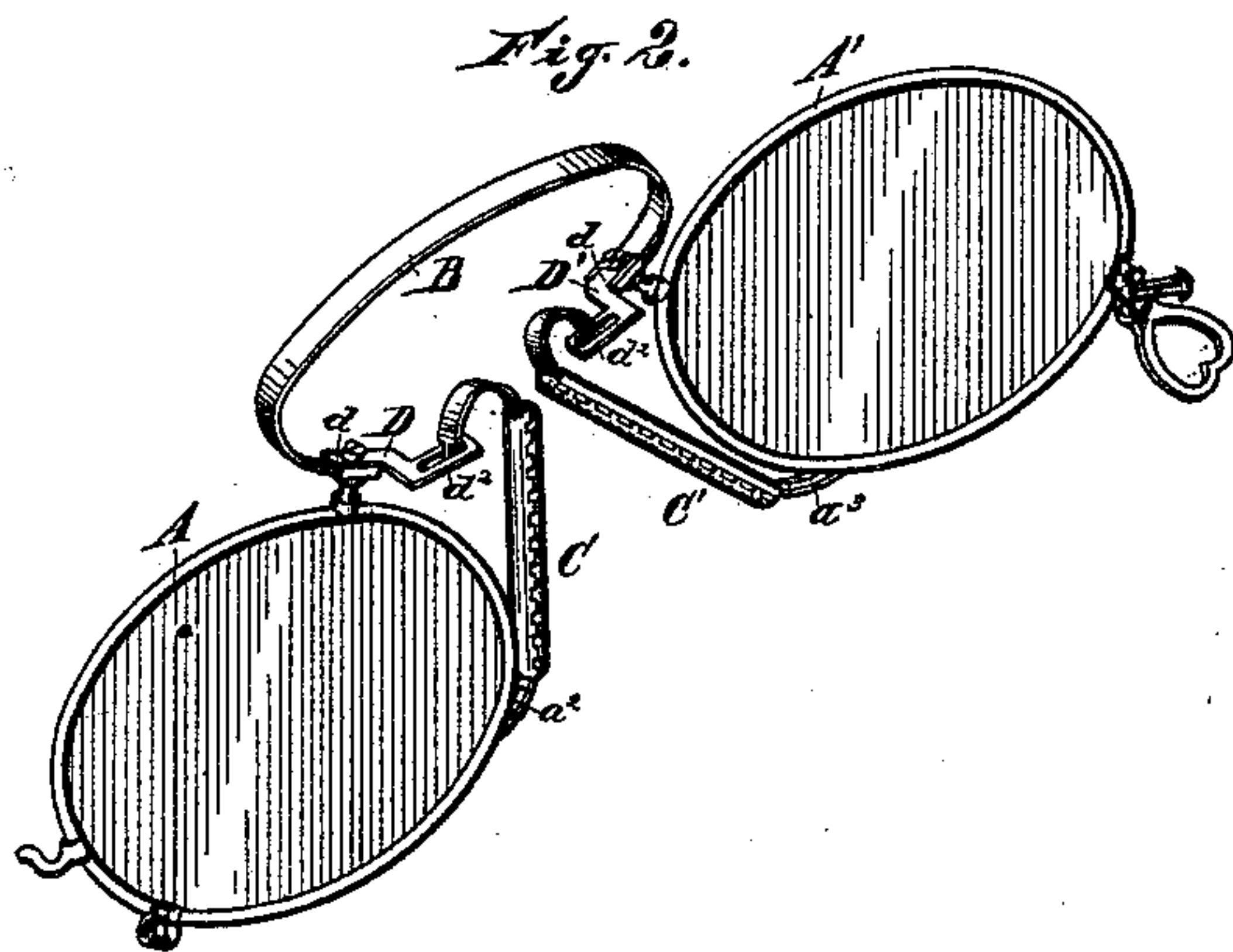
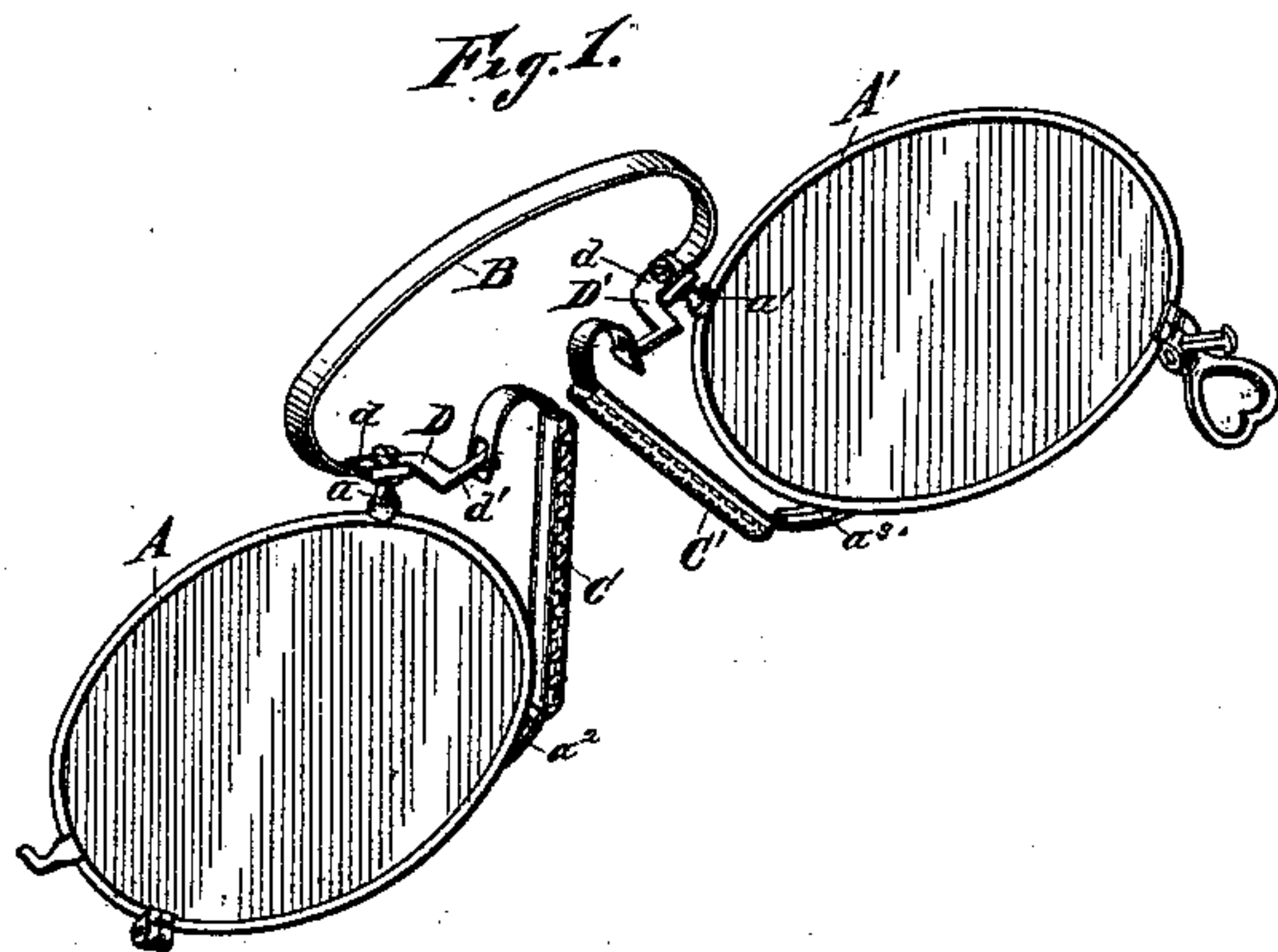
(No Model.)

2 Sheets—Sheet 1.

G. JOHNSTON.
EYEGLASS FRAME.

No. 420,662.

Patented Feb. 4, 1890.



WITNESSES

John E. Wiles.
Th. B. O'Boyle

INVENTOR

George Johnston
By W. W. Leggett
Attorney

(No Model.)

2 Sheets—Sheet 2.

G. JOHNSTON.
EYEGGLASS FRAME.

No. 420,662.

Patented Feb. 4, 1890.

Fig. 3.

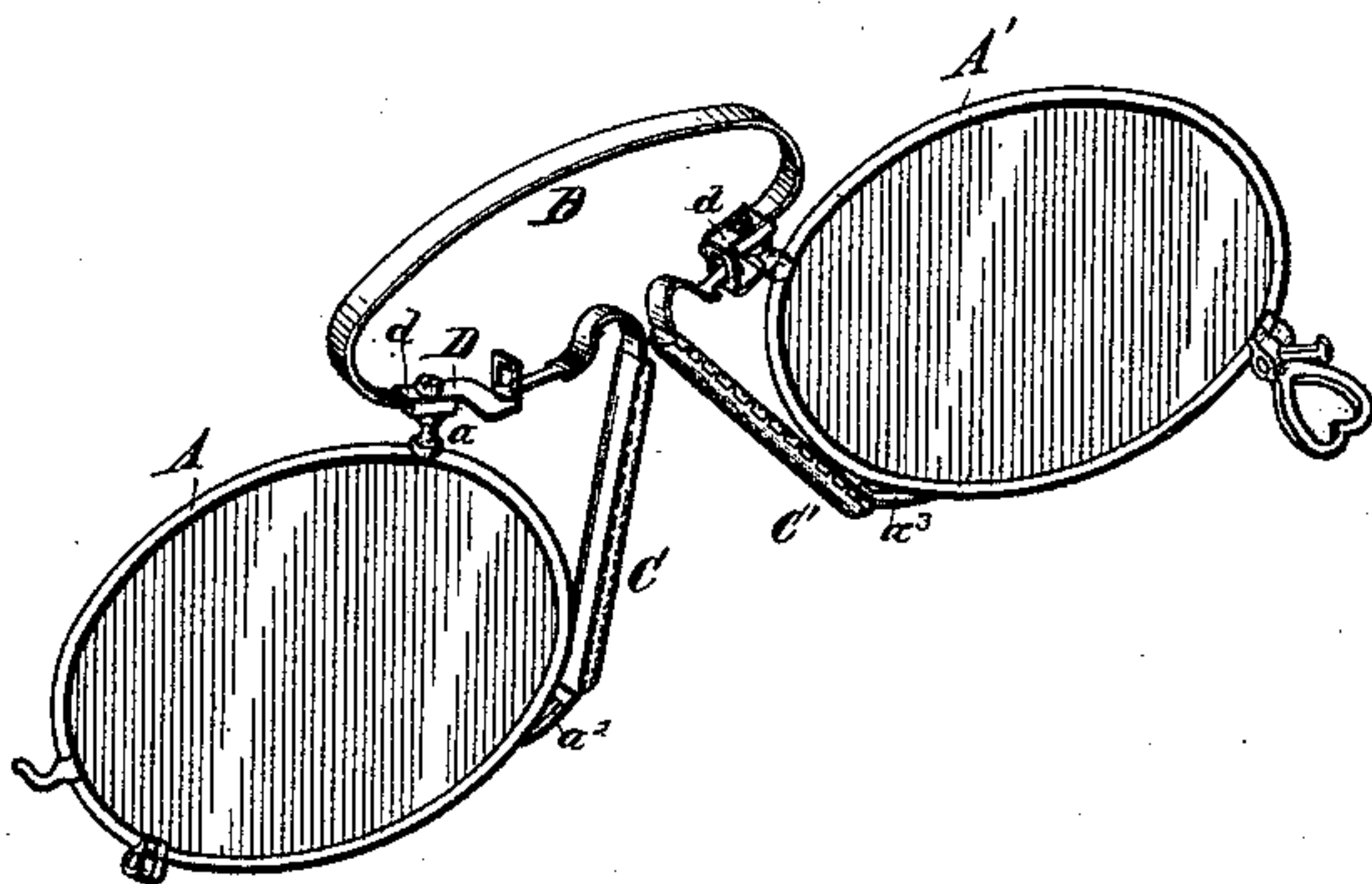


Fig. 4.

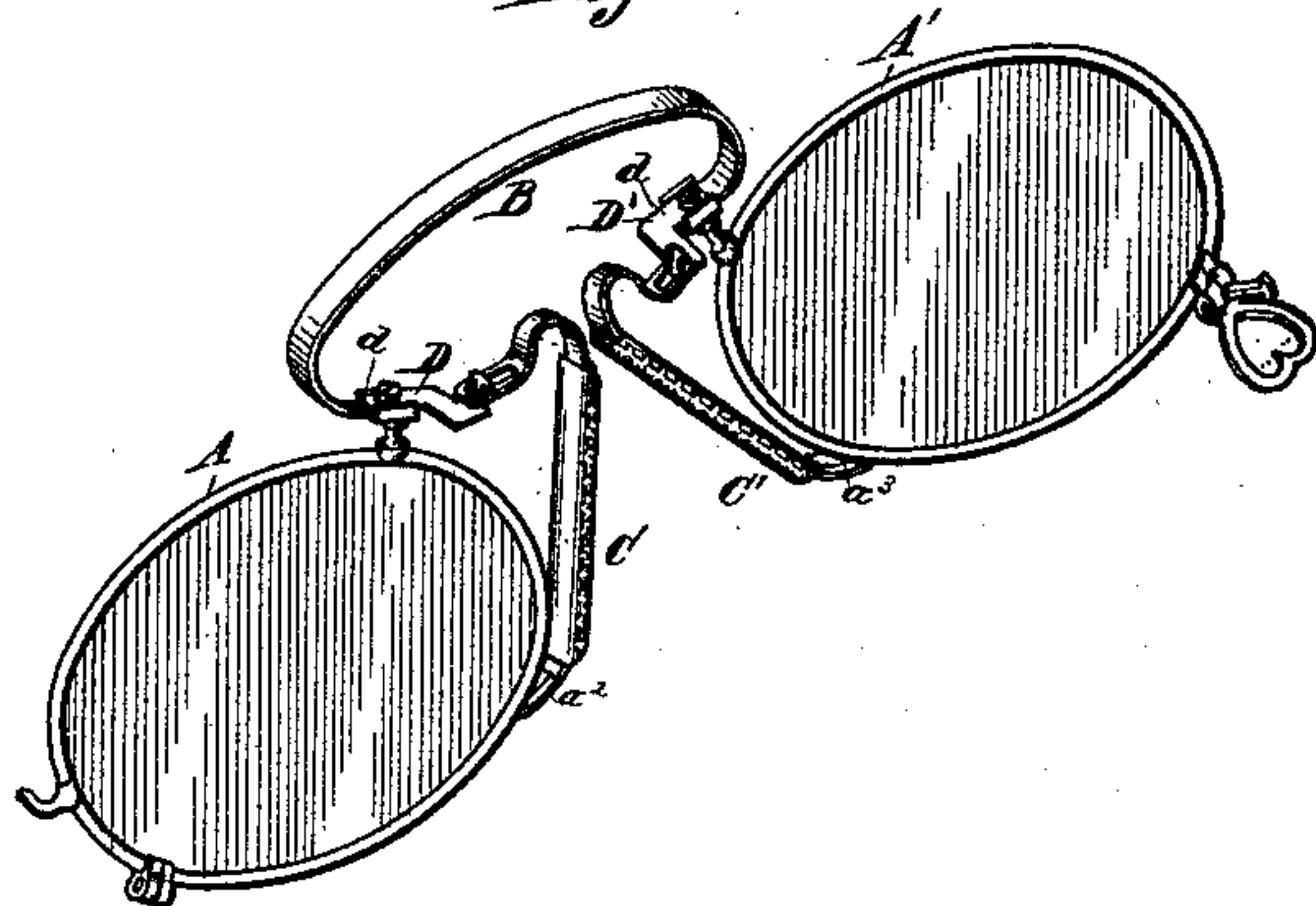
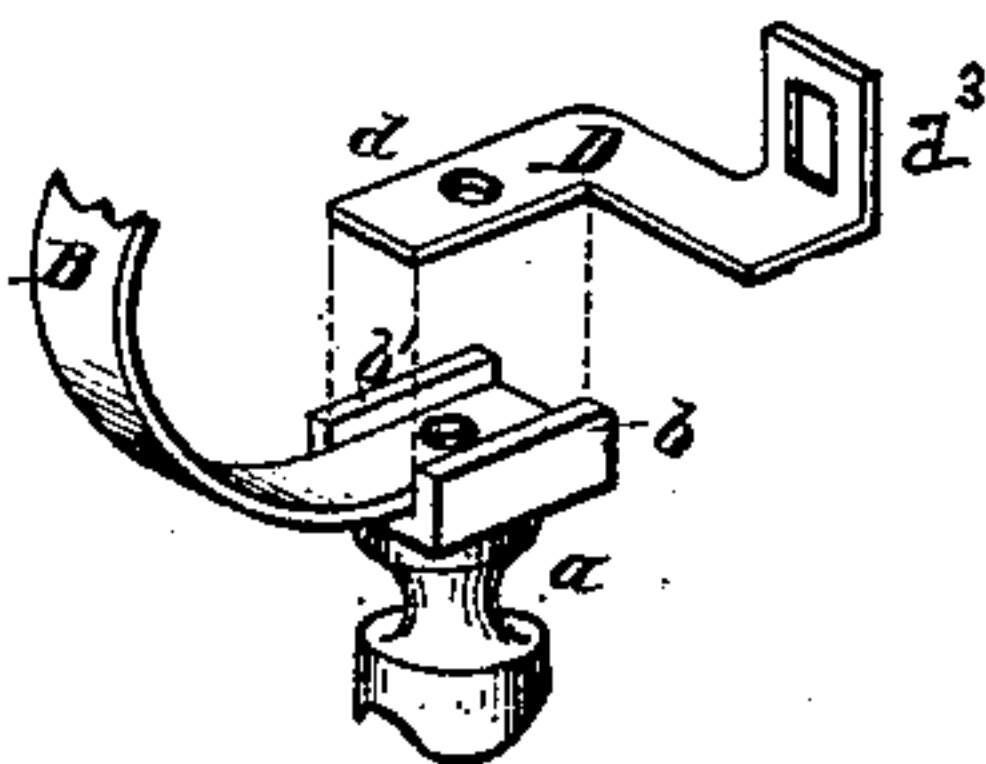


Fig. 5.



WITNESSES

John E. Miles.
W. B. O'Connell.

INVENTOR

George Johnston
By W. W. Feggett.

Attorney

UNITED STATES PATENT OFFICE.

GEORGE JOHNSTON, OF DETROIT, MICHIGAN.

EYEGLOSS-FRAME.

SPECIFICATION forming part of Letters Patent No. 420,662, dated February 4, 1890.

Application filed March 2, 1887. Serial No. 229,441. (No model.)

To all whom it may concern:

Be it known that I, GEORGE JOHNSTON, of Detroit, county of Wayne, State of Michigan, have invented a new and useful Improvement in Eyeglass-Frames; 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 pertains to make and use it, reference being had to the accompanying drawings, which form a part of this specification.

The object of my invention is to provide improved eyeglass-frames so constructed that the nose-guards may offset from the plane of the glass-frames toward the eye of the wearer, to permit the glasses being more satisfactorily located upon the nose. By making the nose-guards to offset toward the eye they may set farther back upon the nose, and under the eyebrows if necessary, to give the glasses a firmer grip upon the nose and to permit their adjustment in a more efficient and agreeable manner.

I carry out my invention as follows:

In the drawings, Figure 1 is a perspective view illustrating my invention, showing the extremities of the nose-guards slotted to receive a horizontal tongue on the arm. Fig. 2 is a similar view illustrating a modification thereof, wherein the horizontal arm is slotted to receive a tongue on the nose-guards. Fig. 3 is a modification showing the offset arm provided with a vertical slotted shoulder to engage a tongue on the nose-guard, and Fig. 4 a similar view showing the offset arm provided with a vertical tongue to engage a slot in the nose-guard. Fig. 5 illustrates the method of engaging the angular arms upon their respective posts.

A A' represent the glass-frames.

B represents the ordinary spring connecting the said glass-frames through intermediate posts $a a'$, or otherwise, in any desired manner.

C C' represent the guards by which the glasses are held upon the nose. Said nose-guards may be connected at their base in any suitable manner with the glass-frames, preferably by intervening lugs $A^2 A^3$, which may be set at an angle to the plane of the glass-frames.

D D' represent angular offset arms engaged at one end upon the connecting-posts $a a'$, and at the other ends, which offset from the plane of the glasses, said arms are adjustably engaged with the upper extremities of said nose-guards, respectively. These offset arms D D' are each constructed with an arm d , projecting in a line with the ends of the connecting-spring B and lap past the ends of said springs and are engaged therewith on their respective posts $a a'$. These posts are preferably constructed with flanged sides, as shown in Fig. 5 at $b b'$, projecting upward to embrace the adjacent sides of the spring and the shoulders of said arms, thereby preventing the arms from turning in a horizontal plane on their engagement with the post. The upper ends of said nose-guards C C' are bent in suitable form toward their respective glass-frames, to afford connection with the offset ends of said arms D D'. The inner or offset ends of said arms may terminate in a horizontal arm d' , which, as in Fig. 1, may be constructed in the form of a T-headed tongue, the adjacent extremity of the guard being slotted to receive said tongue; or said horizontal arm d' may be constructed with an elongated slot, as shown at d^2 , and the adjacent end of the nose-guard be provided with a T-headed tongue to engage in said slot. So, also, as shown in Figs. 3 and 4, the arms may terminate in vertical flanges d^3 , said flanges being either constructed with a T-headed tongue to engage a slot in the adjacent end of the nose-guard, as shown in Fig. 4, or said flange may be provided with a slot, the adjacent end of said nose-guard being constructed with a T-headed tongue to engage said slot, as shown in Fig. 3, thereby permitting an automatic adjustment of the nose-guards to and fro.

It is immaterial, so far as the scope of this present invention is concerned, whether the extremity of the nose-guards be slotted and the adjacent arms be tongued therein, or vice versa, it only being necessary that either the one or the other should be tongued and the other slotted. The angular extremity of said arm may project vertically from the offset portion of the arm in a vertical direction, either upward or downward, as may be preferred.

What I claim is—

1. The combination, with an eyeglass-frame and a nose-guard, of a fixed offset piece, consisting of a single piece secured to the eyeglass-frame at one end, its other end having a self-adjusting connection with the nose-guard, substantially as herein described.

2. The combination, with the glass-frames, of a connecting-spring, nose-guards engaged at the base with said glass-frames, and rigid angular arms offset from the plane of the glass-frames and provided with vertically-extended arms having a slot-and-tongue engagement with the upper extremities of said nose-guards, whereby said guards will be automatically adjustable, substantially as described.

3. The combination, with eyeglass-frames, of a connecting-spring, nose-guards engaged at the base with said frames, and rigid angular arms offset from the plane of the glass-frames, having a slot-and-tongue engagement with the upper extremities of said guards, whereby the upper ends of said nose-guards will offset from the plane of the glass-frames

and be automatically adjustable upon said frames, substantially as described.

4. The combination, with the eyeglass-frames, of a connecting-spring, nose-guards engaged at the base with lugs or said glass-frames, and angular arms offset from the plane of the glass-frames and engaged therewith by intervening posts *a a'*, said arms and said guards having a slot-and-tongue engagement, said posts flanged at their upper ends to engage the edges of said arms, substantially as and for the purposes described.

5. The combination, with the eyeglass-frames and their connecting-spring, of rigid offset arms and nose-guards engaged at one end upon said frames and at the other end having a self-adjusting engagement with said offset arms, substantially as described.

In testimony whereof I sign this specification in the presence of two witnesses.

GEORGE JOHNSTON.

Witnesses:

N. S. WRIGHT,

M. B. O'DOHERTY.