

(No Model.)

C. F. SPENCER.

EYEGLASSES.

No. 296,886.

Patented Apr. 15, 1884.

Fig. 1.

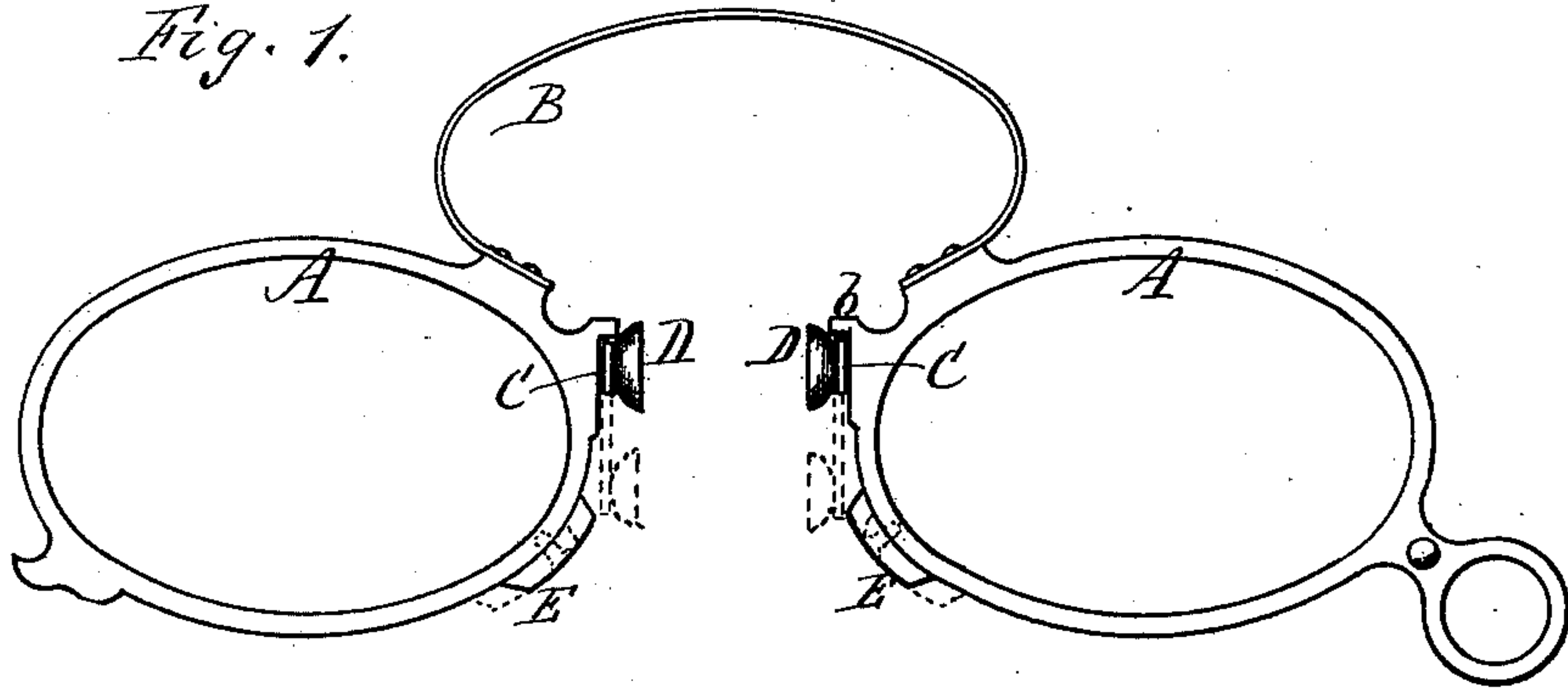


Fig. 2.

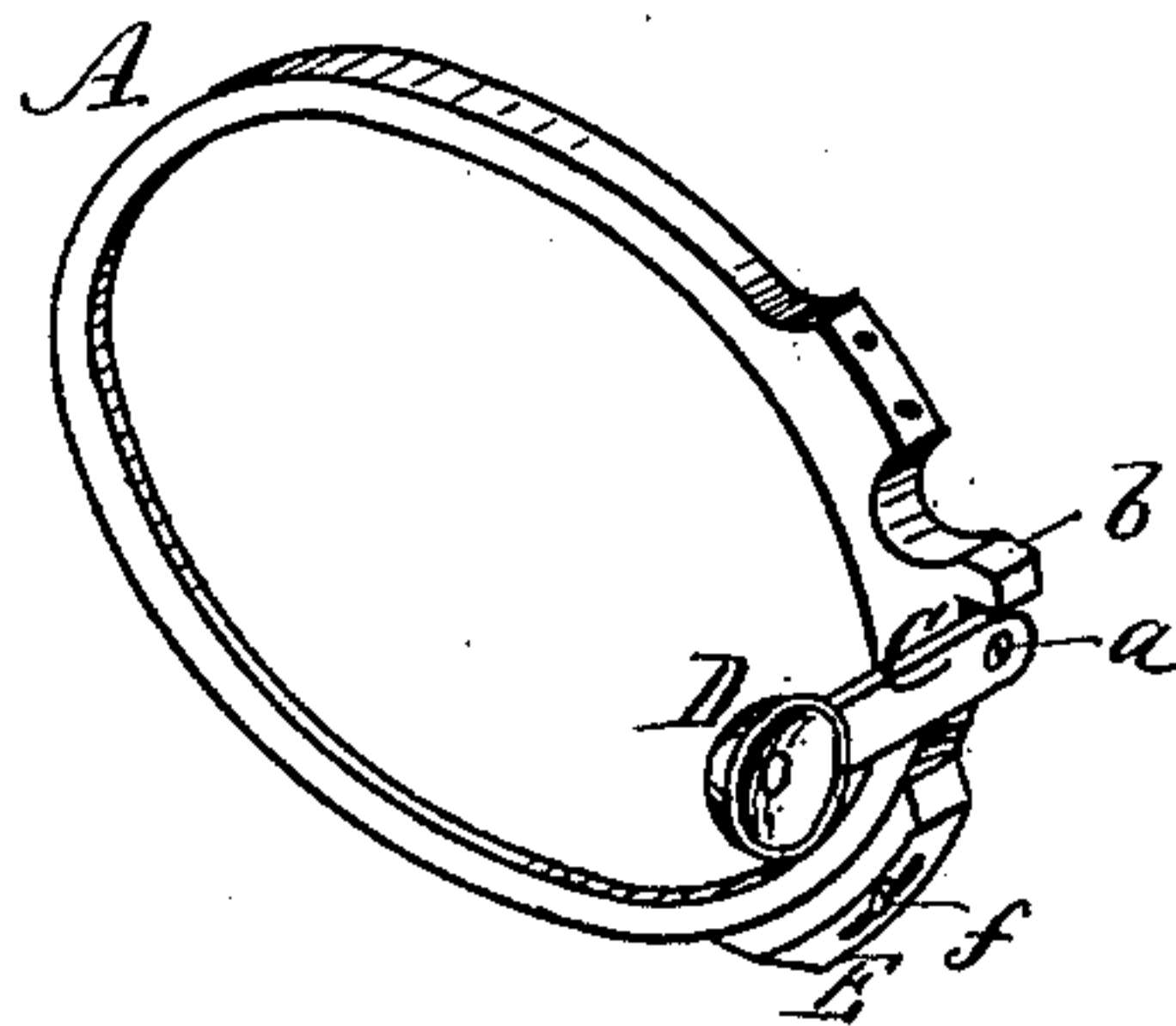


Fig. 3.

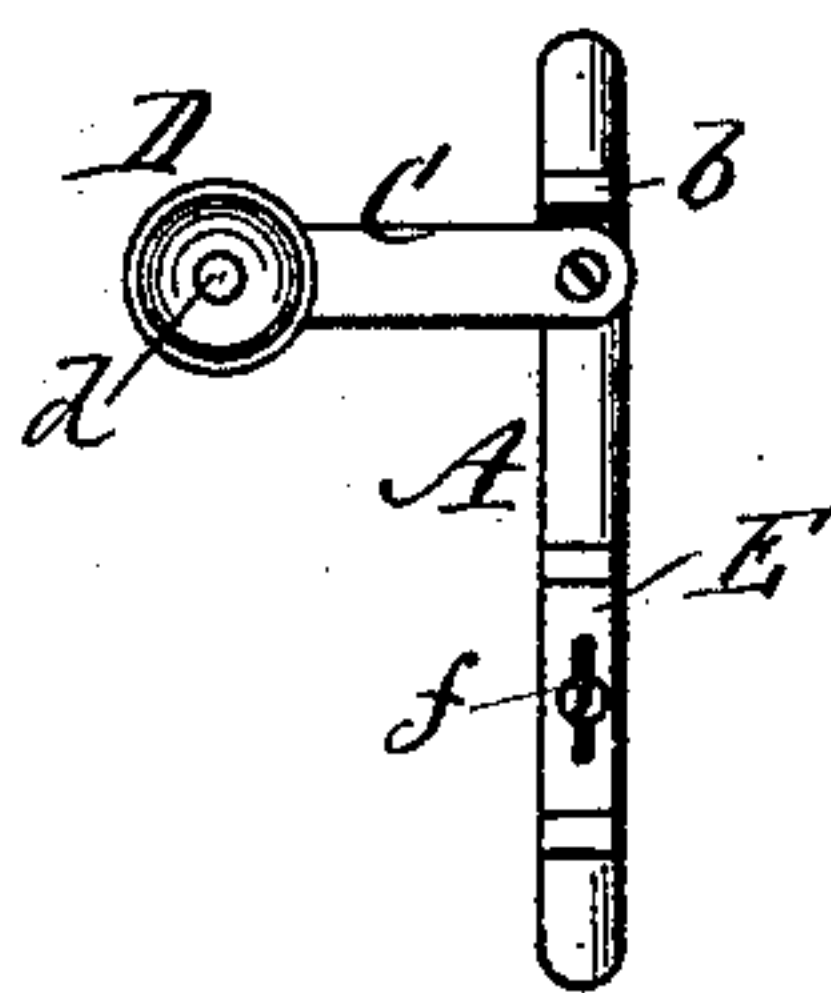


Fig. 4.



Attest.
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UNITED STATES PATENT OFFICE.

CHARLES F. SPENCER, OF ROCHESTER, NEW YORK, ASSIGNOR TO CHARLES F. MARSH AND FLETCHER M. THRASHER, BOTH OF SAME PLACE.

EYEGLASSES.

SPECIFICATION forming part of Letters Patent No. 296,886, dated April 15, 1884.

Application filed February 23, 1884. (No model.)

To all whom it may concern:

Be it known that I, CHARLES F. SPENCER, of Rochester, Monroe county, New York, have invented a certain new and useful Improvement in Eyeglasses; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, in which—

Figure 1 is a front elevation of a pair of eyeglasses, showing my improvement. Fig. 2 is a perspective view of one of the glasses and its attachments. Fig. 3 is an edge elevation of the same. Fig. 4 is a sectional view of one of the pads enlarged.

My improvement relates to attachments to eyeglasses to prevent them from slipping from the nose, or from turning over, as upon a pivot, in leaning forward or inclining downward.

The invention consists in combining with the glasses arms pivoted on the inner side and near the top, pads attached to the outer ends of the arms for bearing against the nose in the hollow part near the eyebrows, and sliding blocks attached on the inner edge and on the lower side of the glasses, and adjustable higher and lower, for bearing against the broad part of the nose, all as hereinafter described.

In the drawings, A A show the ordinary glasses, and B shows the connecting-spring.

My improvement is as follows:

C C are two short arms pivoted at *a a* to the inner edges of the frames and near the top, and capable of being turned inward thereon to a position at right angles to the frame, as shown in Figs. 2 and 3. In this position the ends of the arms reach into the narrow angle of the upper end of the nose, closely under the eyebrows. When not in use, the arms can be turned down in line with the frame, as indicated by dotted lines, Fig. 1, in which case the glasses can be folded in the ordinary way. Stops *b b* on the frame prevent the arms from turning up beyond a right angle.

D D are small pads attached to the outer ends of the arms, and forming the bearings that rub against the sides of the nose. They are made of any suitable material, but are

preferably concave on the bearing side, and they are attached to the ends of the arms by studs *d d*, which allow a loose or rolling movement to the pads, to enable them to adapt themselves to the nose in whatever position they are placed.

E E are small blocks attached to the inner edges of the glass-frames at the lower sides thereof, and forming bearings below the pads, and independent thereof, which rest against the broad part of the nose. These blocks are attached by screws *f f*, and are adjustable up and down to different heights, as indicated by the full and dotted lines, Fig. 1.

Ordinary eyeglasses have attachments that fit only the central and broad part of the nose. This portion of the nose is in constant motion by the muscular action, and it is also much inclined, and the tendency of the glasses is to constantly slip up and off, and also to turn, as on a pivot, when the head is inclined forward or downward, and there is great difficulty in keeping the eyeglasses in place. The narrow upper part of the nose, directly under the eyebrows, presents a natural hollow, best adapted to receive the bearings of the glasses, and this part of the nose is always quiet and affected very little by muscular action; hence I have specially adopted straight bearing-arms and pivoted them to the upper edges of the glass-frames, so that they stand at right angles thereto and reach directly into this hollow of the nose. Attached in this way the glasses will maintain their position, and are not easily shaken off.

The combining of the lower bearings, E E, with the arms and pads above described secures a bearing against the central broad part of the nose, and prevents any tilting of the glasses or any tendency to slide down. They form braces, and, by being adjustable higher or lower, are adapted to all forms and sizes of noses.

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

1. The combination, with a pair of eyeglasses, of arms pivoted or attached to the

upper inner edges of the glass-frames, capable of being turned at right angles to the same, and pads attached to the outer ends of the arms, as shown and described, and for the purpose specified.

5 2. The combination, with a pair of eye-glasses, of arms pivoted or attached to the upper inner edges of the glass-frames, capable of being turned at right angles thereto, pads
10 attached to the outer ends of the arms, and

separate bearing-blocks attached to the lower inner edges of the frames, as shown and described, and for the purpose specified.

In witness whereof I have hereunto signed my name in the presence of two subscribing
15 witnesses.

CHAS. F. SPENCER.

Witnesses:

R. F. OSGOOD,
JACOB SPAHN.