

(No Model.)

A. J. BELLATI.

EYEGLOSS FRAME.

No. 391,934.

Patented Oct. 30, 1888.

Fig. 1.

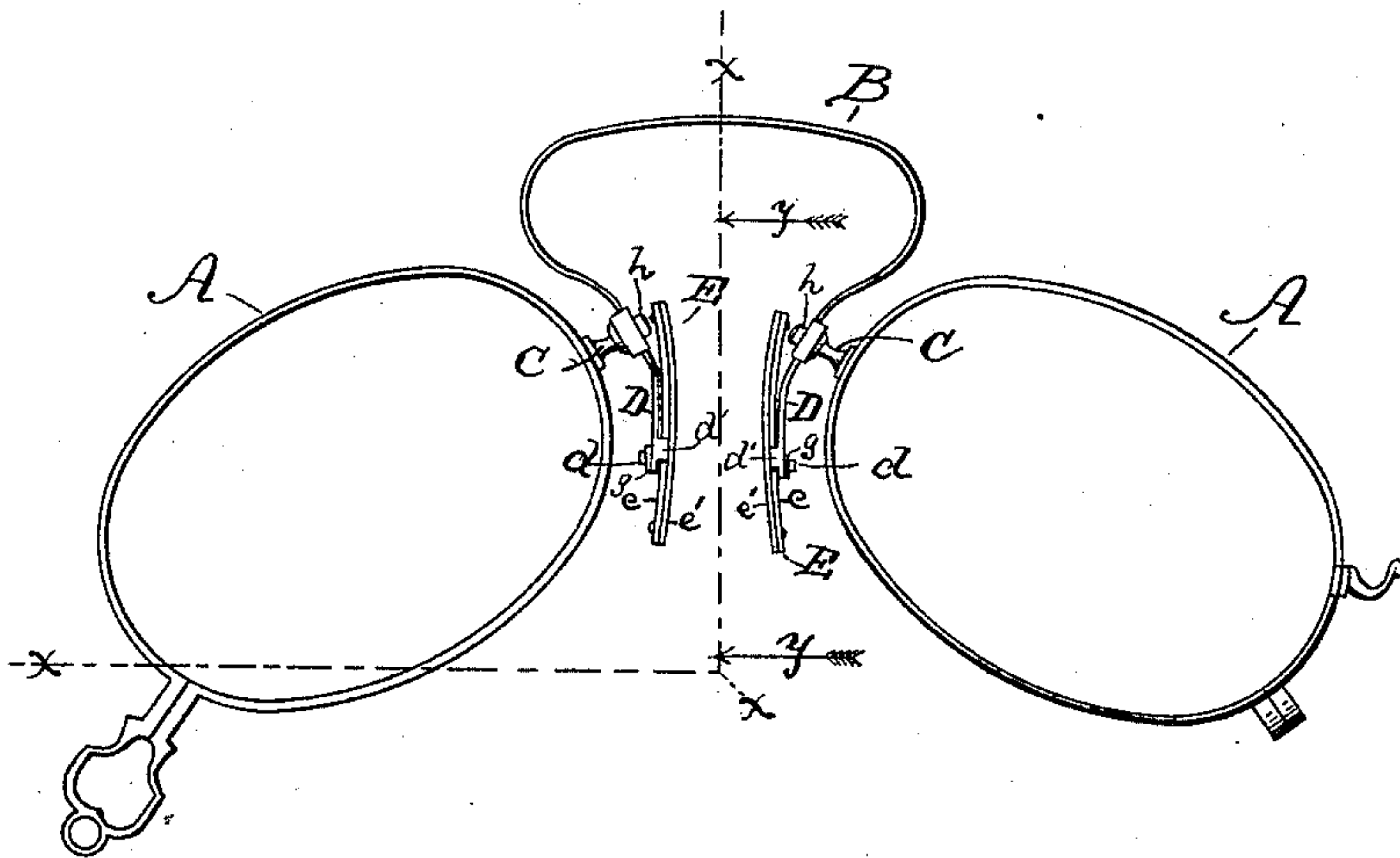


Fig. 2.

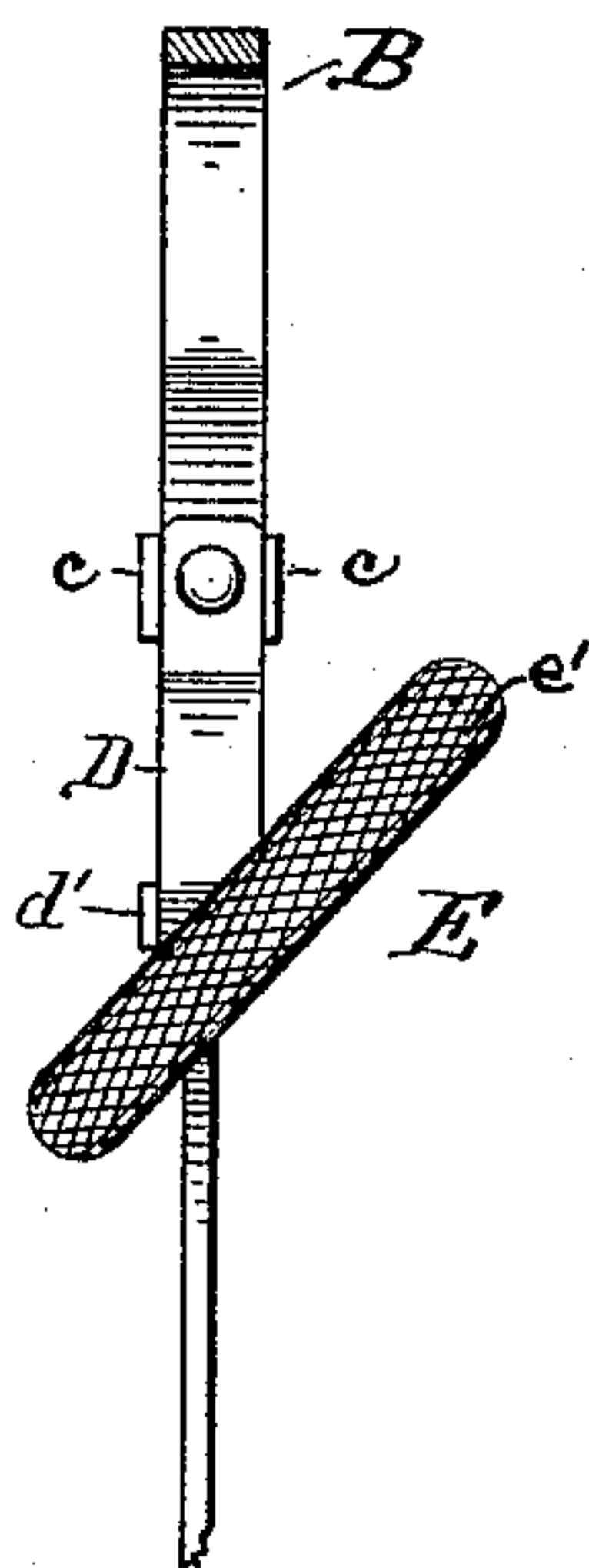
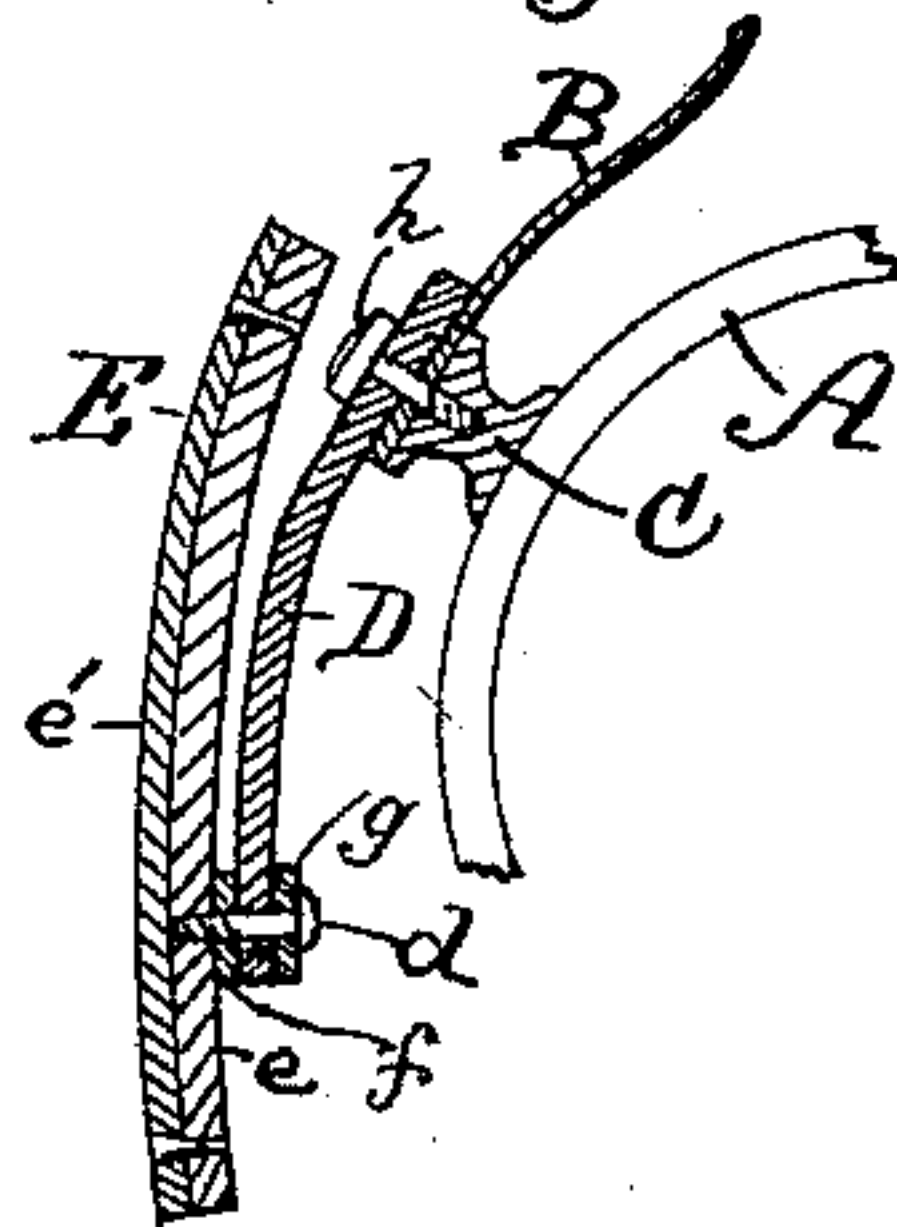


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

ANTHONY J. BELLATI, OF PHILADELPHIA, PENNSYLVANIA.

EYEGLASS-FRAME.

SPECIFICATION forming part of Letters Patent No. 391,934, dated October 30, 1888.

Application filed July 26, 1887. Serial No. 245,339. (No model.)

To all whom it may concern:

Be it known that I, ANTHONY J. BELLATI, a citizen of Italy, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Eyeglass-Frames; 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.

In the annexed drawings, Figure 1 is a front side elevation showing the position of the frame and parts. Fig. 2 is an enlarged sectional view taken on the plane of line *x x* of Fig. 1, looking in the direction of arrows *y y*. Fig. 3 is an enlarged detail view in section.

This invention relates to improvements in the frames of eyeglasses; and it consists in the construction and arrangement hereinafter set forth.

The letters A A represent the lens-frames; B, connecting-spring; C C, stud by which spring B is secured to lens-frames; D D, rigid extensions of spring B; E E, nose-rests; *e e*, upward-projecting sides of studs C C; *d d*, pivots of nose-rests E E; *d' d'*, stops on extensions D D to limit motion of nose-rests; *e e*, metal parts of nose-rests; *e' e'*, pads of nose-rests; *f g*, washers; *h h'*, binding-screws.

Similar letters indicate corresponding parts in the different figures.

The spring B, which connects the frame, extends rigidly in the plane of the frame containing the lenses beyond the studs C C and binding-screws *h h*, by which it is secured to said frame. Said extensions may be continuous parts of said spring, or may be of separate pieces firmly secured by said studs. At the lower end of said extensions the nose-rests E E are pivoted, as shown. These rests are composed of the metal parts *e e* and the parts *e' e'*, composed of any suitable substance, as rubber, shell, or cork, which pads are secured by rivets to said metal parts. The washers *f* and *g* serve to produce a steady pressure between the nose-rest and the extension of the spring at the pivots *d d*. The point at which said rests E E are pivoted to the extensions D D should be about one-third the length of said

rests from their lower ends. Upon the outer edge of said extensions, and just above the center of the pivots *d d*, are stops *d' d'*, which enable the long upper arms of the rests E E to be moved inwardly to about an angle of thirty degrees to the plane of the lens-frames, but prevent any outward movement or position of said arm beyond the line of said plane.

The object of nose-rests in eyeglasses being to firmly secure and hold the glasses at any desired position and angle to the eye, this is attained by the foregoing adjustment and arrangement of the various parts. The fixed point of the pivot *d* on the rigid extension of the spring B affords a steady and firm support to the rest E. The rest in turn moves upon nearly its own center, and has no long unsupported arm, and is further steadied by the washers *f g*, while the stops which limit the movement of the rest prevent the wear and loosening effect from an unlimited play and careless manipulation, which soon derange the operation of such a delicate structure. The further advantage of this limited movement of the rest is that it prevents it from projecting inwardly at such an angle as might endanger the eye, and also that by a mere mechanical movement in pressing it back to the plane of the frame the stops receive it, and the frame may be closed or folded without danger of breaking.

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

In eyeglass-frames, the nose-rests E E, pivoted near their centers in the plane of the lenses and directly to the rigid extensions D D of the spring B of said frames, and adapted to swing in a plane perpendicular to the plane of said lenses, in combination with the stops *d' d'* upon said extensions, whereby the movement of said rests is limited and they are stayed at the line of the plane of said lenses when moved thereto, all constructed, combined, and arranged as and for the purpose shown and set forth.

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

ANTHONY J. BELLATI.

Witnesses:

JOS. C. MOLLOY,
HENRY BRUNNER, Jr.