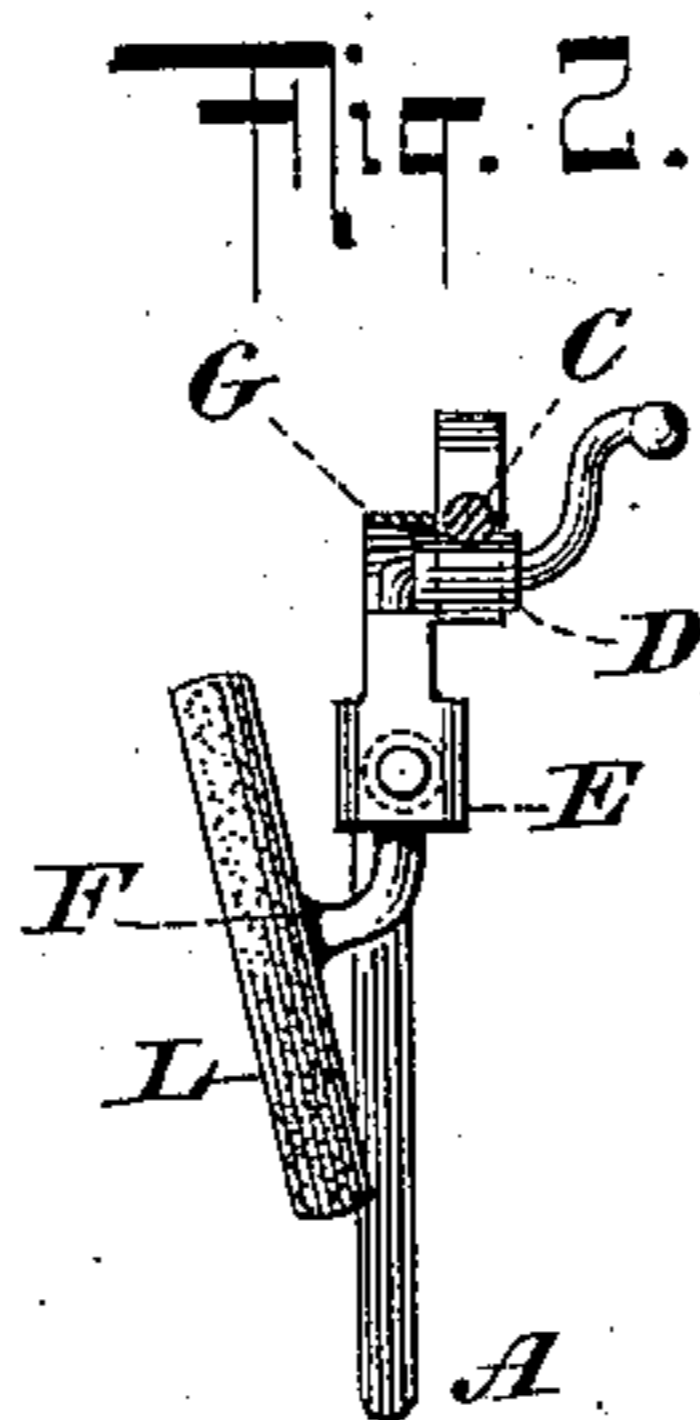
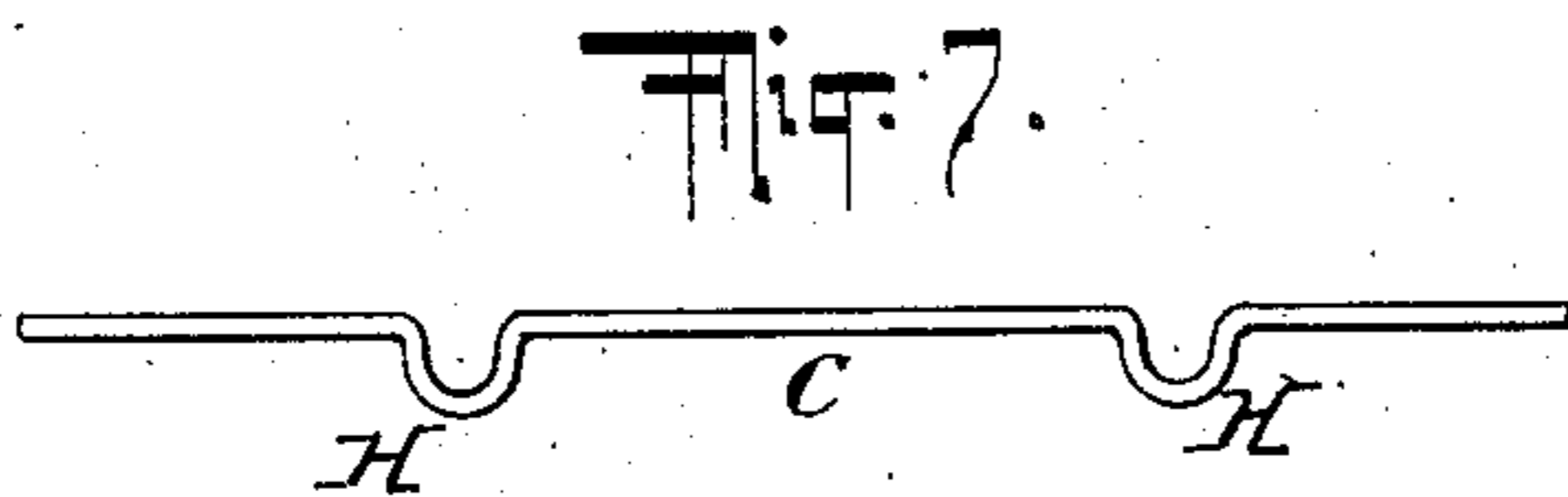
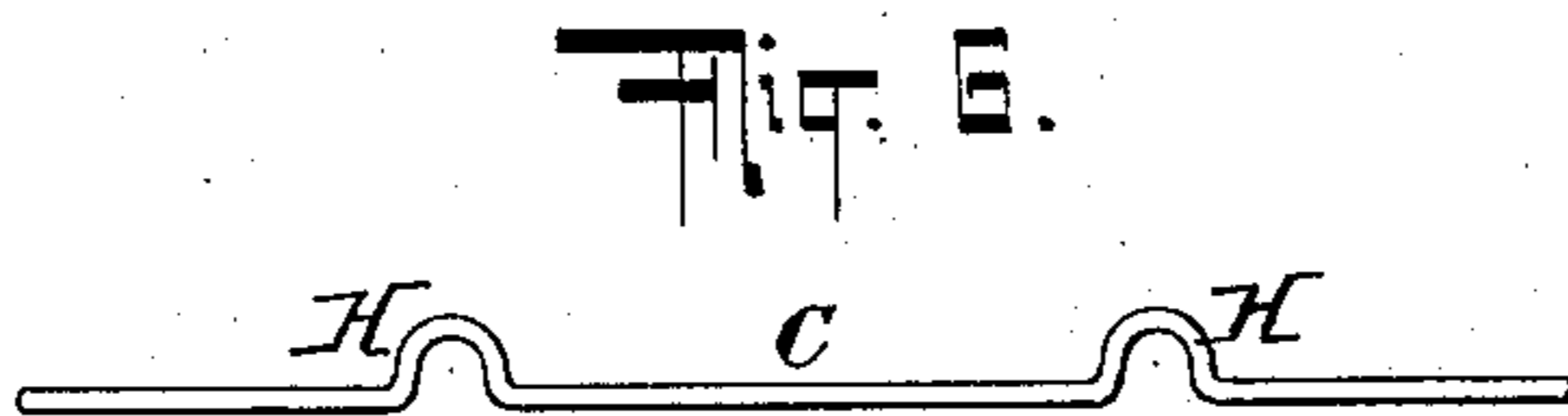
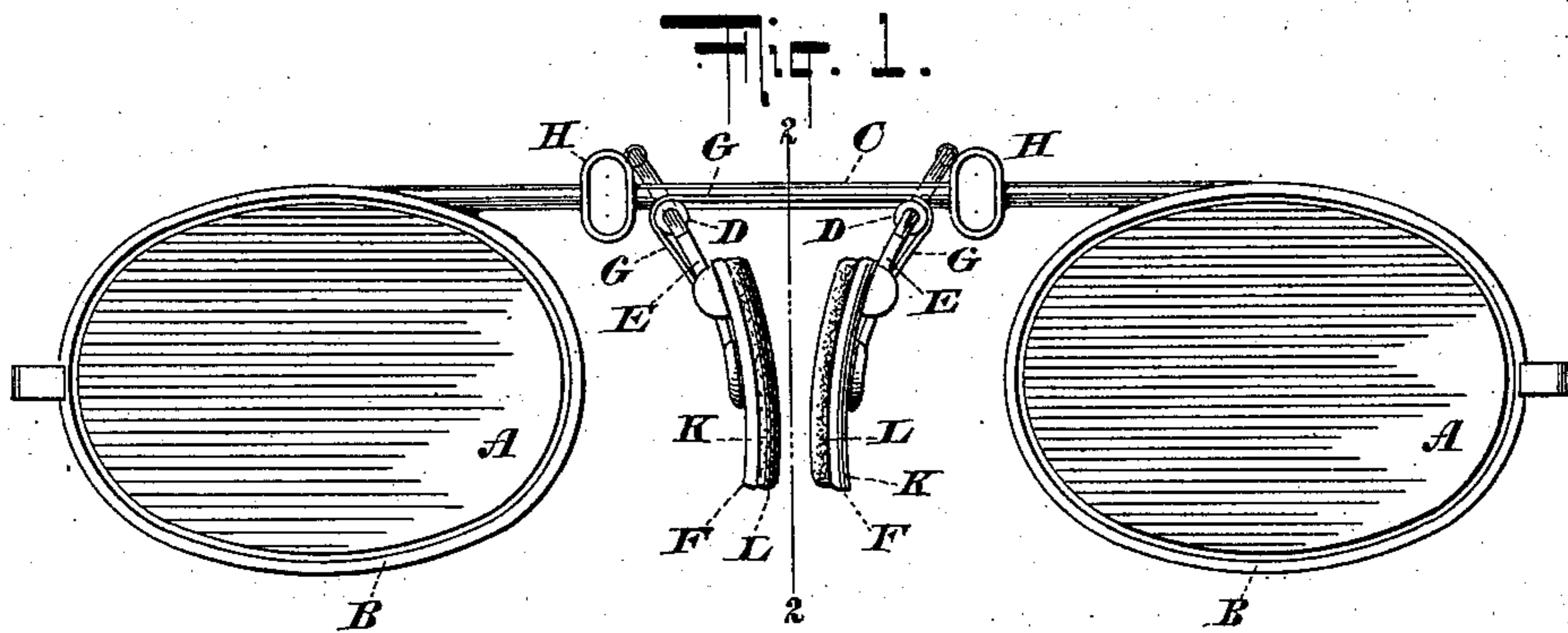


(No Model.)

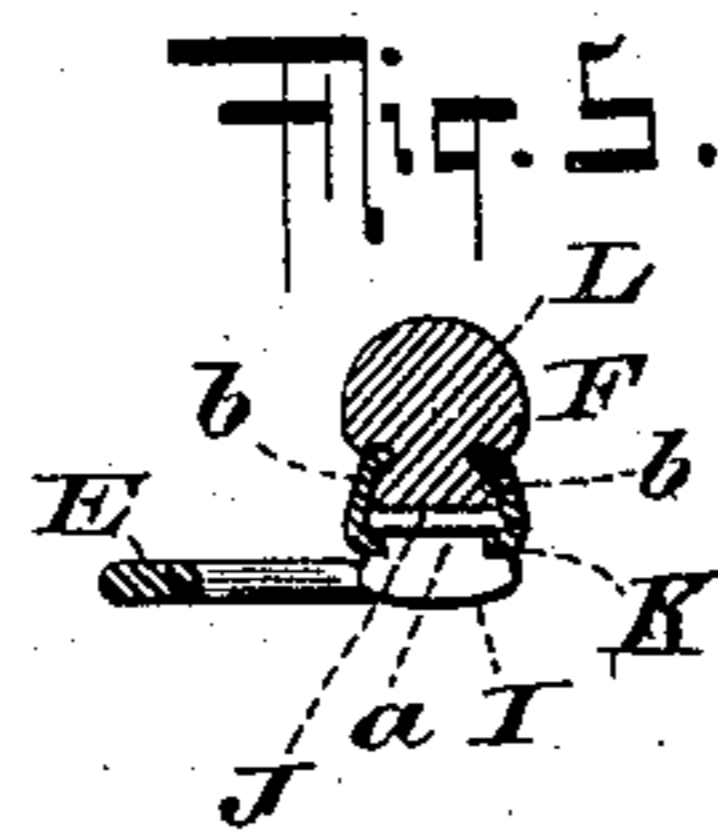
J. S. SPENCER.  
EYEGLASSES.

No. 575,997.

Patented Jan. 26, 1897.



WITNESSES:  
*Gustave Dietrich*  
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# UNITED STATES PATENT OFFICE.

JOHN S. SPENCER, OF NEW YORK, N. Y.

## EYEGLASSES.

SPECIFICATION forming part of Letters Patent No. 575,997, dated January 26, 1897.

Application filed September 15, 1896. Serial No. 605,864. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN S. SPENCER, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Eyeglasses, of which the following is a specification.

The invention relates to improvements in eyeglasses; and it consists in the novel means and combinations of parts hereinafter described and claimed, whereby the glasses may be accurately, quickly, and conveniently adjusted to suit the pupillary distance between the eyes of the wearer without affecting the nose-pieces and without regard to the thickness or other characteristic of the nose, and whereby also the nose-pieces may be adjusted at will to meet the wishes and comfort of the wearer.

In carrying my invention into effect I have invented and made use of certain novel details of construction, which form a part of my invention and are pointed out hereinafter.

The invention will be fully understood from the description hereinafter presented, reference being had to the accompanying drawings, in which—

Figure 1 is a rear elevation of a pair of eyeglasses embodying the invention. Fig. 2 is a vertical section of same on the dotted line 2 2 of Fig. 1. Fig. 3 is an enlarged detached side elevation of one of the nose-guards and the lower section of the frame carrying the same. Fig. 4 is a vertical section of same on the dotted line 4 4 of Fig. 3. Fig. 5 is a transverse section of same on the dotted line 5 5 of Fig. 3. Fig. 6 is a front elevation of a modified form of bar for connecting the lenses, and Fig. 7 is a like view of a further modification of same.

In the drawings, A A designate the lenses, having preferably the inclosing rims B and connected by the rigid bar C, which in accordance with my invention is longitudinally adjustable at either side of its vertical center to perfectly adapt the lenses to the eyes of the wearer. The bar C supports the collars D, in which are journaled the frames E E, which carry the nose-guards F F, and are connected and acted upon by the spring G in a well-known manner.

The two features of the present invention

pertain, first, to the lengthwise adjustability of the bar C, and, secondly, to the construction permitting the adjustment of the nose-guards F, and these two features will be described in their order.

The bar C is provided intermediate its ends and the collars D with the interposed loops H, preferably elliptical in form and of substantially rigid material and integral or rigid with the bar. The loops H furnish means for lengthening or shortening one or both ends of the bar C for the purpose of perfectly adapting the lenses to the pupillary distance between the eyes of the wearer, the adjustment being capable of being made greater or less at either end of the bar C, according to requirements or to meet the shape or other condition of the nose and without in any manner affecting the nose-guards or parts connected therewith. With the form and construction of bar C shown in Fig. 1 it will appear evident that either one or both of the loops H may be extended or contracted in line with the length of the bar C for the purpose of lengthening or shortening the latter. The loops H will be formed of substantially rigid material, and when extended or contracted in line with the length of the bar C will remain in the shape and position given to them, said loops in no sense being springs.

The loops H will preferably be in the form of elliptically-shaped rings, as shown in Fig. 1, but may be of other forms, as indicated in Figs. 6 and 7, in which the loops form substantially half-rings and enable the adjustment above described of the bar C.

The frames E E for the nose-guards are of known general outline, but in accordance with my invention the lower ends of the frames E E are formed with the substantially vertical heads I, which at each end are riveted to the elongated bars J, located within the nose-guards F, the latter each consisting of the back plate K and soft pad L. The back plate K contains the elongated slot *a*, which admits of the union of the head I and bar J and the vertical movement of the nose-guard F on said bar J. Thus the nose-guards F, which correspond with one another in every detail, may be moved or adjusted on the bars J at will. The back plates K have the intumed-edge flanges *b*, which securely

hold the cork or other pads L at the opposite edges of the latter in such manner that the nose-guards may be adjusted on the bars J without disturbing said pads. This construction of nose-guard not only admits of the adjustment of the pads, but is durable, efficient, and attractive in character, and the pads may aid in affording the requisite friction for retaining the nose-guards in their adjusted positions.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A pair of eyeglasses comprising the lenses, the hinged nose-guard frames, and the rigid bar connecting said lenses and affording a support for said nose-guard frames, said bar being extensible at its ends beyond the points of its connection with said frames; substantially as set forth.

2. A pair of eyeglasses comprising the lenses, the hinged nose-guard frames, and the rigid bar connecting said lenses and affording a support for said nose-guard frames, said bar having at its ends the interposed loops of substantially rigid material; substantially as set forth.

3. A pair of eyeglasses comprising the lenses, the hinged nose-guard frames, and the rigid bar connecting said lenses and affording a support for said nose-guard frames, said bar having at its ends the interposed

ring-loops of substantially rigid material; substantially as set forth.

4. The eyeglasses comprising the connected lenses, the hinged nose-guard frames, and the nose-guards secured thereto, said frames having the bars rigidly secured to their lower ends, and the nose-guards having the slotted backs and flanged edges, the latter retaining the pads, the said bars being inclosed within said backs between said flanged edges and beneath said pads; substantially as shown and described.

5. The eyeglasses comprising the connected lenses, the hinged nose-guard frames, and the nose-guards secured thereto, said frames having at their lower ends the heads I and rigid bars J, and the nose-guards having the slotted backs and the flanged edges, the latter retaining the pads, the said bars J being inclosed within said backs between said flanged edges and beneath said pads, the whole being constructed and arranged as shown and described.

Signed at New York, in the county of New York and State of New York, this 11th day of September, A. D. 1896.

JOHN S. SPENCER.

Witnesses:

CHAS. C. GILL,  
E. JOS. BELKNAP.