

(No Model.)

J. L. BORSCH.  
NOSE PIECE FOR EYEGLASSES.

No. 540,138.

Patented May 28, 1895.

Fig. 1.

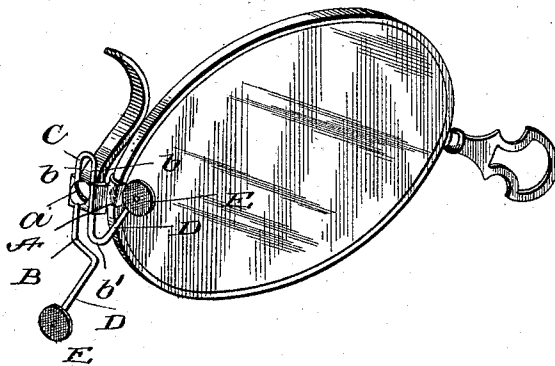


Fig. 2.

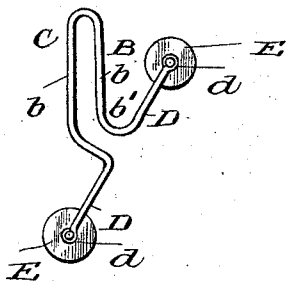


Fig. 3.

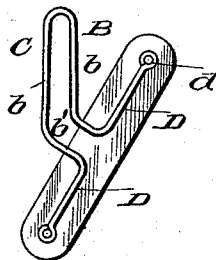
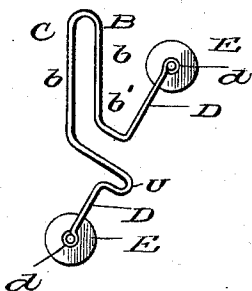


Fig. 4.



Witnesses

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# UNITED STATES PATENT OFFICE.

JOHN L. BORSCH, OF PHILADELPHIA, PENNSYLVANIA.

## NOSE-PIECE FOR EYEGLASSES.

SPECIFICATION forming part of Letters Patent No. 540,138, dated May 28, 1895.

Application filed April 6, 1894. Serial No. 506,602. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN L. BORSCH, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Nose-Pieces for Eyeglasses, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain new and useful improvements in nose-pieces for eyeglasses, and has for its object the provision of a nose-piece which shall be made of a single piece of wire and be so formed that it will be 15 capable of adjustment in any direction and so as to fit any shape of nose. The novelty resides in forming a wire nose-piece with a loop having two parallel adjusting arms which are adapted to be secured to the eye-glass 20 frame, the ends of said parallel adjusting arms projecting therefrom with eyes in their extremities arranged to have a facing or facings attached thereto.

The invention further consists in the peculiar construction, arrangement and combinations of parts hereinafter more particularly described and then definitely claimed.

In the accompanying drawings, which represent the preferable ways of carrying out my 30 improvement, Figure 1 shows a view of one-half of an eyeglass provided with my improvement. Figs. 2, 3, and 4 show the preferable forms of my nose-pieces detached.

In the description of said drawings, it will 35 be unnecessary to refer particularly to the construction of the frame of the eye-glasses, as this forms no part of my present improvement, the invention relating solely to the nose-piece and the manner in which it is applied. 40 However, it may be best to state that a pair of glasses is (preferably) used which has the bridge connected in the projecting jaws of the frame A by a screw *a*.

My nose-piece consists of a single piece of 45 wire B, bent to form the extended loop C, which has its adjusting arms *b* parallel to each other. After this loop is made the preferable length, which may be seen in the drawings, the ends thereof are bent to form an arc of a circle *b'* and from this the ends are still 50 further bent to form arms D D, which are on a line at an angle to the parallel arms of the

loop. These arms D D have eyes *d d* formed in their extremities, and to these eyes may be secured the facing which comes in contact 55 with the nose.

It will be noticed that by having the nose-piece made as so far described, different forms of facings can be applied to the arms D D. For instance, a piece of cork, rubber, horn, or 60 any suitable substance may be riveted to each of said eyes *d d*; or, in lieu of this, one piece of facing may be riveted to the two arms, as shown in Fig. 3. From this it will be seen that by using the essential features of my invention, viz., an extended wire loop having 65 two parallel arms adapted to be adjusted in the jaws of an eye-glass frame, and having arms projecting at an angle from said loop with eyes in said projecting arms, various forms or shapes of facings may be applied. 70 If it be preferred, an additional U-shaped bend may be made as shown at U in Fig. 4, either in the upper or lower arms or both, as desired. This is for the purpose of allowing 75 the arm or arms to be bent more readily without any liability of breaking whatever. It also allows of the use of a little more wire which may be used sometimes when it is desired to lengthen said arm D by straightening 80 out said bend.

After the nose-piece is bent in the proper form, it is secured in the jaws A by the screws *a*, said jaws firmly holding the parallel sides of the loop. It will be seen that the upper 85 end of the loop serves to strengthen the bridge, if said loop is extended above the securing screw. This is the form in which it reaches the dealer, and it will easily be seen that he can readily bend the nose-piece to fit the nose 90 of any wearer. If a long or short arm nose-piece is necessary, he simply loosens the screws *a* and slides the parallel adjusting arms of the loop up or down until he thinks the nose-piece will fit the wearer, when the screws 95 are tightened. If the glasses are still uncomfortable, from some other cause perhaps, the nose-piece being made of wire can readily be bent to make the arms D D assume any shape.

I am aware that it is not new to form the 100 nose-piece of an eye-glass with a slotted arm which is arranged to slide in jaws, and am also aware that it is old to form nose-pieces of wire, and hence do not attempt to claim either

of these. I would state, however, that the first of these, being made of sheet metal, is not pliable in every direction and cannot be bent to make its facing assume any position. I consider my invention as essentially different from and superior to these and the many other nose-pieces now known.

It is not my intention to limit my claims to my exact construction, and hence I wish it clearly understood that when referring to said claims, they are to be construed as covering my invention broadly and to cover the nose-piece provided with a loop having parallel arms with eyes in their extremities, no matter what form of facing is secured in said eyes, as a double facing may be secured thereto as shown in Figs. 1, 2, and 4, or a single facing secured to said eyes, as shown in Fig. 3.

What I claim as my invention is—

1. The combination with an eye-glass frame provided with a recessed jaw, of an adjustable nose-piece formed of wire, having its cen-

tral portion bent to form a loop with parallel sides, and adapted to be vertically adjusted in said recessed jaw, and the ends bent in opposite directions with eyes at each extremity to receive the facing, substantially as described.

2. As an improved article of manufacture, a blank for nose-pieces for eye-glasses, formed of one piece of wire, with its central portion bent into a loop having two parallel adjusting arms, and the ends of the wire extending from said adjusting arms substantially in line with each other, and each end having an eye formed therein, substantially as and for the purpose specified.

In testimony whereof I affix my signature, in presence of two witnesses, this 3d day of April, 1894.

JOHN L. BORSCH.

Witnesses:

T. A. ST. CLAIR,  
ARCHER MCLEAN.