

(No Model.)

H. BORSCH.
NOSE PIECE FOR EYEGLASSES.

No. 541,957.

Patented July 2, 1895.

Fig. 1.

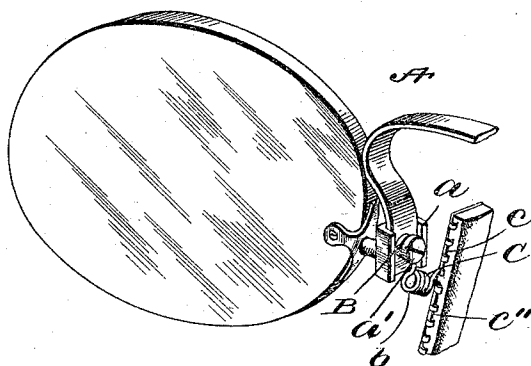


Fig. 2.

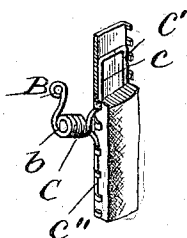


Fig. 3.

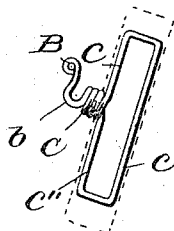


Fig. 4.

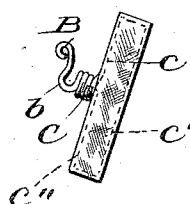
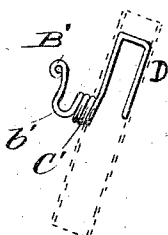


Fig. 5.



Witnesses

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NOSE-PIECE FOR EYEGLASSES.

SPECIFICATION forming part of Letters Patent No. 541,957, dated July 2, 1895.

Application filed April 13, 1894. Serial No. 507,416. (No model.)

To all whom it may concern:

Be it known that I, HENRY BORSCH, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, 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.

The object of this improvement is to provide a nose-piece for eye-glasses which will adjust itself in any direction and easily conform to the shape of any nose, and the invention consists in the peculiar construction, arrangement and combinations of parts hereinafter more particularly described and then definitely claimed.

In the drawings accompanying this specification, Figure 1 is a perspective view of part of a pair of eyeglasses with one of my nose-pieces attached. Fig. 2 is a perspective view of the nose-piece. Fig. 3 is a view of the spring-wire forming part of my nose-piece. Fig. 4 is a view of a nose-piece wherein the wire frame is similar to that shown in Figs. 1, 2, and 3, but is held on the facing in a slightly different manner. Fig. 5 is a view of a modification.

Referring now to the details of the drawings by letter, A indicates part of the bridge of a pair of glasses of ordinary construction, which is secured in the jaws *a* of the frame by a screw *a'*.

The nose-piece consists of a piece of spring wire bent into an eye B at one end, which eye is secured in the jaws *a* by said screw. Extending from this eye B is a bend *b* substantially semi-circular in form, and extending from said semi-circular bend and at right angles thereto is a small coiled spring C from whence the wire is bent to support a facing or cushion. This support is preferably formed by making an upwardly-extending arm *c*, then another bend at right angles to said arm, then bending the wire downwardly again to form an arm *c'* parallel to said arm *c* when the wire is bent around, forming another short arm, and then up again forming an arm *c''* when the wire is cut off and the end bent at right angles to the arm *c''* so as to project inside of the said spiral coil C. It will be

noticed that these arms form a rectangular frame in which is secured a cushion composed of cork or any other suitable substance for the facing of the nose-piece. This cushion may be applied by having a casing at the back of the frame as shown in Figs. 1, 2 and 3, or, it may be held as in Fig. 4 by having the frame clamp the facing, thus holding the latter by its own resiliency.

In the modification shown in Fig. 5, B' represents the eye by which the nose-piece is secured to the jaws. C' represents the coil. *b'* represents the bent portion between the eye B' and the coil C'; and D is the support for the cushion or facing. It will be seen that this coiled spring allows of a very free movement and the facings of the nose-pieces will therefore very easily conform to a nose of any shape. It will also be noticed that by making the nose-piece as above described, the spring not only allows the nose-piece to "give" in the direction of the coils but also at right angles and in fact at any angle thereto, the spring being interposed between the facing and the point where the wire is attached, allowing the nose-piece to give freely in almost every direction.

The semi-circular bend *b* will be found very useful in case it should be desired to change the angle at which the nose-pieces are to lie in relation to the glasses, it being only necessary to change the form of this bend in order to make the nose-pieces lie at a greater or less angle to the plane of the glasses.

I am aware that it is old to provide a nose-piece with coiled springs interposed between two of its members, and hence do not claim the same broadly. The essential difference between my invention and other nose-pieces with which I am familiar lies in making the nose-piece of one piece of wire with the coiled spring interposed between an eye on one end and a frame on the other end of said wire in such a manner that said coiled spring forms an active part of the nose-piece. I am also aware that a nose-piece has heretofore been made which consists of a plate holding a facing which is secured to a coiled spring and the latter is secured to the frame of the glasses; but in this construction too many parts have to be used and then the parts have to be held

together by solder or similar means, and every time the spring is given a severe twist, there is danger of this soldering becoming loose.

From the above it will be seen that I have
5 produced a nose-piece for eye-glasses which is cheaply made and at the same time very durable and one that will moreover be found very convenient in use.

While I have shown in this application a
10 nose-piece having an eye at one end and a frame at the other end adapted to support a facing, I do not claim the same broadly herein, as such is described and claimed in my application, Serial No. 507,417, of even date
15 herewith.

What I claim as new is -

1. As an improved article of manufacture,
a blank for nose-pieces for eye-glasses formed
of one piece of wire and having an attaching
20 eye at one end, a frame at the other end and
a coiled spring formed between said attach-

ing eye and said frame and forming an active part of said nose-piece, substantially as and for the purpose specified.

2. The combination with an eye-glass frame 25 provided with a recessed jaw, of a nose-piece formed of a single piece of wire having an attaching eye at one end thereof, which eye is secured in said recessed jaw by a screw *a'*, a frame formed in the other end of said wire, a 30 coiled spring formed between said attaching eye and said frame and forming an active part of said nose-piece, and a facing or cushion secured to said frame, substantially as described.

In testimony whereof I affix my signature, 35
in presence of two witnesses, this 7th day of April, 1894.

HENRY BORSCH.

Witnesses:

CHAS. S. WEYHMAN,
C. GILKEY.