

(No Model.)

E. B. MEYROWITZ.
EYEGGLASS NOSE GUARD.

No. 572,306.

Patented Dec. 1, 1896.

Fig. 1.

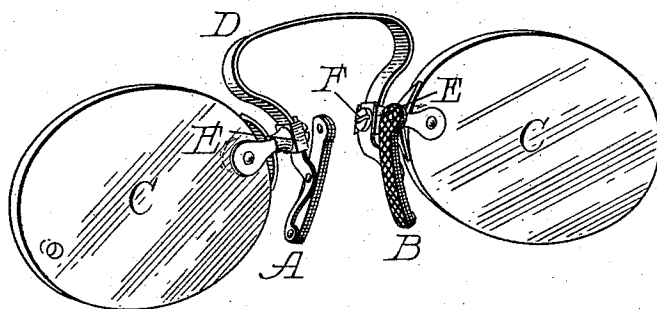


Fig. 2.

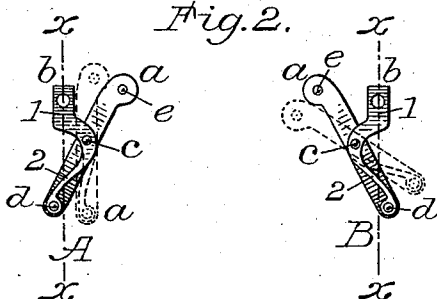


Fig. 3.

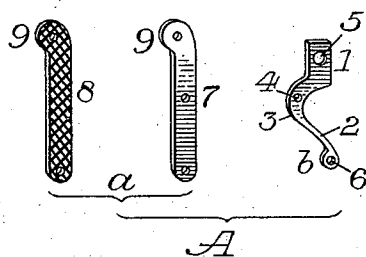


Fig. 4.

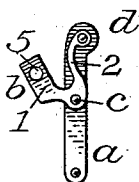
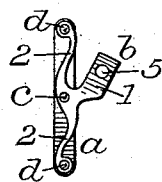


Fig. 5.



Attest:
Howell Zantz
Geo. M. Whitney.

Inventor:
Emil B. Meyrowitz,
By *W. R. Zantz*,
Attorney.

UNITED STATES PATENT OFFICE.

EMIL B. MEYROWITZ, OF RIDGEFIELD, NEW JERSEY, ASSIGNOR TO THE MEYROWITZ MANUFACTURING COMPANY, OF SAME PLACE.

EYEGLOSS NOSE-GUARD.

SPECIFICATION forming part of Letters Patent No. 572,306, dated December 1, 1896.

Application filed July 18, 1895. Serial No. 556,417. (No model.)

To all whom it may concern:

Be it known that I, EMIL B. MEYROWITZ, a citizen of the United States of America, and a resident of Ridgefield, in the State of New Jersey, have invented a new and useful Improvement in Eyeglass Nose-Guards, of which the following is a specification.

This invention relates to devices for adapting eyeglasses to be fitted to noses of different sizes and shapes by means of the optician's pliers.

It consists, primarily, in eyeglass nose-guards of a novel construction in which the nose-pieces of the guards are individually adjustable edgewise upon a pivot at or near the middle of each nose-piece by bending certain pliable arms of their metallic connections for setting the nose-pieces parallel with the plane of the lenses or at any required angle relative to such plane.

The invention further consists in a specific form of such nose-guards in which the nose-pieces comprise back plates of pliable metal, and single pliable arms extend downwardly to or toward the lower ends of the nose-pieces, whereby bending the nose-pieces to insure an effective hold between the eyes is facilitated.

A sheet of drawings accompanies this specification as part thereof.

Figure 1 of the drawings is a perspective view of a pair of eyeglasses having nose-guards constructed according to the present invention. Fig. 2 is an elevation on a larger scale of the pair of nose-guards shown in Fig. 1, illustrating by full and dotted lines the adjustment of the nose-pieces. Fig. 3 is a perspective view of the three main parts of one of the nose-guards, disconnected; and Figs. 4 and 5 are elevations of nose-guards, illustrating modifications.

Like letters and numbers refer to like parts in all the figures.

A pair A B of the present nose-guards are intended to be combined with a pair of eyeglass-lenses C and a spring or springs D of any kind by means of posts E common to all, as in Fig. 1, or in any known or improved manner.

Each of the nose-guards comprises a nose-piece *a* and a metallic connection *b*, united with each other by at least two rivets *c d*, said rivet *c* forming a central pivot at or near the

middle of the nose-piece *a*, while said rivet *d* is located at or toward one extremity of the nose-piece. Each of the metallic connections *b* comprises an attaching-arm 1 and an arm or arms 2, hereinafter termed the "adjusting-arms," which are relatively narrow or thin as compared with the attaching-arms 1, so as to be pliable edgewise, and are fastened at their extremities by said rivets *d*, lying between the rivets *c* and *d* as means for adjusting the nose-pieces *a* upon said rivets *c* relatively to the plane of the lenses, as illustrated in Fig. 2, where the plane of the lenses in its relation to each nose-guard is represented by a broken line *x x*. Said adjustment is readily and quickly effected by bending said adjusting-arm 2 edgewise by means of the pliers. To permit this operation, each adjusting-arm is preferably formed with a curve, (shown at 3 in Fig. 3,) which is equivalent to an incipient bend and renders the effective length of the adjusting-arm greater than the distance between the pivot *c* and the rivet *d*, which is essential to such adjustment. At the intersection of the arms 1 and 2 each metallic connection is provided with a hole 4, Fig. 3, to receive its pivotal rivet *c*. The arm 1 is provided with a hole 5 to receive an attaching-screw F, Fig. 1, in customary manner, and the extremity of the adjusting-arm 2 is provided with a hole 6 to receive its rivet *d*.

In the specific construction represented by Figs. 1, 2, and 3 each nose-piece *a* is further constructed in two parts, comprising a back-plate 7, Fig. 3, of pliable metal, in connection with the nose-piece proper, (represented at 8 in Fig. 3, of horn, celluloid, or the like,) and each metallic connection *b* has a single adjusting-arm 2, which extends downwardly to or toward the lower end of the nose-piece, leaving the upper end of the nose-piece clear, as in Figs. 1 and 2, so that it may be bent, with the aid of said back plate 7, to insure a secure hold of the nose-guards between the eyes. The upper extremities 9, Fig. 3, of the nose-pieces are furthermore preferably widened and rounded to render such hold between the eyes comfortable. Said parts 7 and 8 of the nose-pieces are united with each other by said rivets *c* and *d*, together with a supplemental rivet *e* at the upper end of each nose-piece.

In the modified nose-guard represented by Fig. 4 a single adjusting-arm 2 extends upwardly from the pivotal rivet *c* to a rivet *d* at the upper end of the nose-piece *a*, leaving the lower end of the nose-piece clear instead of its upper end.

In the modified nose-guard represented by Fig. 5 the metallic connection *b* has a pair of said adjusting-arms 2, extending in both directions from the pivotal rivet *c* to a pair of rivets *d* at the respective extremities of the nose-piece *a*.

Other like modifications will suggest themselves to those skilled in the art.

I do not claim herein, broadly, an eyeglass nose-guard comprising two parts united with each other by rivets, one of which forms a pivot, one of the parts having an adjusting-arm which is pliable edgewise between said rivets to adjust the nose-guard and is of greater effective length than the distance between such rivets to permit such adjustment, but I claim the same in a companion specification forming part of my application for patent for improvement in eyeglass nose-guards, filed February 14, 1896, Serial No. 579,194. The specific nose-guards shown and described in the drawings and specification forming part of said application, Serial No. 579,194, differ from those species which form the subject-matter of the present specification as to the location of the pivotal rivet, which has an important effect in the operation of the nose-guards. The pivot at or near the middle of the nose-piece which distinguishes the present species affords a central point from which adjustments are most easily

accomplished. It facilitates, for example, adjusting a nose-piece as to angle without moving it backward or forward, and it leaves the ends of the nose-pieces free to be bent toward or away from each other without interfering with the action of the pivot.

Having thus described the said improvement, I claim as my invention and desire to patent under this specification—

1. An eyeglass nose-guard comprising a nose-piece adjustable edgewise upon a pivot at or near its middle, and a metallic connection having an attaching-arm and an adjusting-arm in one part and united with said nose-piece by said pivot at the intersection of said arms, said adjusting-arm being further attached to the nose-piece by a rivet at its extremity, and being pliable edgewise to adjust the nose-piece and of greater effective length than the distance between said pivot and said rivet to permit such adjustment, substantially as hereinbefore specified.

2. An eyeglass nose-guard comprising a nose-piece having a back plate of pliable metal attached thereto, a metallic connection having an attaching-arm and an adjusting-arm, a pivot at the intersection of said arms uniting said nose-piece at or near its middle with said metallic connection, and a rivet attaching said adjusting-arm to said nose-piece at or near its lower end, substantially as hereinbefore specified.

EMIL B. MEYROWITZ.

Witnesses:

O. V. MEYROWITZ,
J. J. SCHUCK.