

S. OPPENHEIMER.

EYE-GLASSES.

No. 190,403.

Patented May 1, 1877.

Fig. 1.

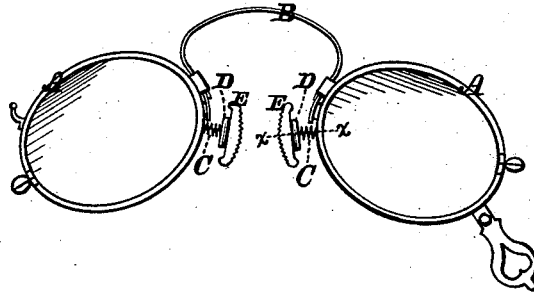


Fig. 2.

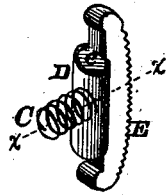


Fig. 3.

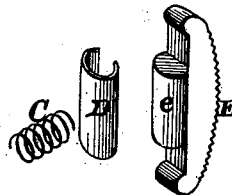


Fig. 4.



WITNESSES-

Jack Hutchison.
Henry L. Hazard

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UNITED STATES PATENT OFFICE.

SIMON OPPENHEIMER, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN EYEGLASSES.

Specification forming part of Letters Patent No. **190,403**, dated May 1, 1877; application filed April 21, 1877.

To all whom it may concern:

Be it known that I, SIMON OPPENHEIMER, of Washington, in the county of Washington, and in the District of Columbia, have invented certain new and useful Improvements in Eyeglasses; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, making a part of this specification, in which—

Figure 1 is a plan view of a pair of eyeglasses having its nose-clamps constructed and connected in accordance with my improved method. Fig. 2 is an enlarged perspective view of said nose-clamp and its connections separated from the glass-frame. Fig. 3 is a like view of said parts separated from each other, and Fig. 4 is a section upon line *x x* of Fig. 1.

Letters of like name and kind refer to like parts in each of the figures.

The design of my invention is to increase the ease and comfort of eyeglasses; and it consists, principally, in eyeglasses provided with nose-clamps, which are each connected with the glass-frame by means of a spiral spring, substantially as and for the purpose hereinafter specified.

It consists, further, in a rubber nose-clamp for eyeglasses, having one of its sides adapted to bear upon or against the nose, and its opposite side formed with an enlargement or rib, which is fitted to be embraced by a metal clasp or back, substantially as and for the purpose hereinafter shown.

It consists, finally, in the combination of the glass-frames, the spiral springs, the metal clasps, and the rubber pads, substantially as and for the purpose hereinafter set forth.

In the annexed drawing, A and A represent the glass-frames of a pair of eyeglasses, which are of ordinary construction, and are connected together by means of the usual nose-spring B.

Secured at one end to or upon each frame A, at the point nearest to the opposite frame A, is a spiral spring, C, to the opposite end of which spring is secured a metal plate, D, that

longitudinally is straight, and transversely has the curved form shown in Fig. 4.

Fitted within the plate D is a rubber pad, E, which, upon one side, is slightly curved longitudinally, while the opposite side is provided with an enlargement or rib, *e*, that corresponds to, and fits closely within, said plate or clasp D.

The pad E is intended for a nose-clamp, and, from the nature of its connection with the glass-frames, is capable of yielding in any direction necessary to adapt it to the nose of the wearer, and cause it to bear fairly and easily upon the same.

While possessing such freedom of motion, the nose-clamp will always maintain the proper relative position to enable the eyeglasses to be placed in position upon the nose, while in case of the employment of hinges or a ball-and-socket connection between the nose-clamp and glass-frame, said clamp will be liable to assume any position within its range, and will require to be turned to place before the glasses can be placed upon the nose.

Having thus fully set forth the nature and merits of my invention, what I claim as new is—

1. Eyeglasses provided with nose-clamps, which are each connected with the glass-frame by means of a spiral spring, substantially as and for the purpose specified.

2. A rubber nose-clamp for eyeglasses, having one of its sides adapted to bear upon or against the nose, and its opposite side formed with an enlargement or rib, which is fitted to be embraced by a metal clasp or back, substantially as and for the purpose shown.

3. The combination of the glass-frames A, springs C, clasps D, and nose-pads E, substantially as and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 20th day of April, 1877.

SIMON OPPENHEIMER.

Witnesses:

GEO. S. PRINDLE,
GEO. F. GRAHAM.