

C. C. PARKER.

EYE-GLASS.

No. 172,932.

Patented Feb. 1, 1876.

Fig. 1.

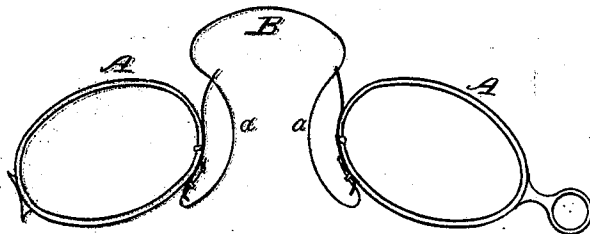


Fig. 2.

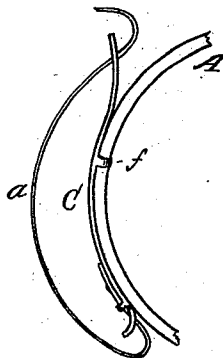


Fig. 3.

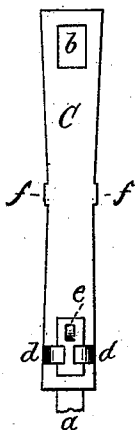
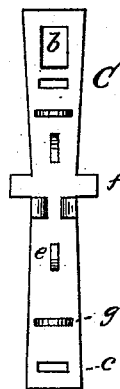


Fig. 4.



WITNESSES

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IMPROVEMENT IN EYEGLASSES.

Specification forming part of Letters Patent No. **172,932**, dated February 1, 1876; application filed January 13, 1876.

To all whom it may concern:

Be it known that I, CHAUNCEY C. PARKER, of Brooklyn, in the county of Kings and State of New York, have invented a new and valuable Improvement in Attachment for Eyeglasses; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of my invention, showing it applied to eyeglasses. Fig. 2 is an enlarged broken view, showing the securing-plate and spring. Fig. 3 is a detached view, on an enlarged scale, of the plate. Fig. 4 is a modification of the same.

This invention has relation to the nose-pieces and springs of eyeglasses; and its object is to provide a means for attaching said nose-pieces or springs to the frame of the glass without the use of screws or pins, as has been heretofore the custom. My invention, therefore, consists of an auxiliary metal plate stamped or otherwise formed with suitable slots, tongues, lips, loops, or other similar devices, which may serve the purpose of holding the spring firmly to the plate without the necessity of using screws, pins, or rivets, as will be hereinafter described.

In the drawings, A is designed to represent the frames of an eyeglass, and B the bow-spring, curved around and passing downward, as shown at *a*, forming a nose-piece. The metal plate C, which forms the subject of my invention, is stamped or otherwise constructed at its upper end with a slot, *b*, through which the upper end of the portion *a* of the bow-spring B passes, and the lower end, forming the round turn, passing through a slot, *c*, after which it is securely fastened to the plate by flanges *d*, bent down upon the same. The end of the spring B is formed with an opening, so that, after the flanges *d* have been bent down, a lip, *e*, which passes up through the opening is bent down, as shown in Fig. 3, thereby giving additional security against the

possible withdrawal of the nose-piece, and making a perfect rigid connection between it and the plate C. The slot *b* is made sufficiently wide to allow for the expansion of the spring when adjusted to the nose. The plate C may be connected to the frame A in any suitable manner, and when secured by soldering the plate is formed with side flanges *f*, which may be bent around the frame to hold the plate in position against the same while being soldered.

A modification of my invention is illustrated in Fig. 4 of the drawings. The curved end of the spring, after passing under the lower end of the plate and up through the slot *c*, is inserted under the loop or band *g*, the tongue *e* passing up through the opening in the end of the spring, as shown in Fig. 3.

It will be seen that, with the exception of the slot *b*, both ends of the plate C are alike, having the loops, slots, flanges, and tongues where wanted for different kinds of springs, the bow-spring being made fast at top through the narrow slot *b*; but the spring, when made in one piece, would not require the lips and tongues and narrow slot at the top of the plate, the slot *b* only being necessary. I do not, however, desire to confine myself to any particular form of plate, or the number or form of the slots, flanges, lips, and other devices formed on the plate, as the whole purpose of my invention is to dispense with the use of screws, pins, and rivets, which are now employed for the purpose of securing the bow-spring to the frame, such means greatly increasing the cost in the manufacture, as well as making them more liable to become out of order.

If desired, in place of the tongues *e*, loops or bands may be formed upon the plate, which will serve the same purpose of holding the bow-spring in its place.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The method of securing the bow-springs to the frames of eyeglasses by attaching the spring to an auxiliary plate by means of suitable slots, tongues, lips, or loops formed

thereon, substantially as and for the purpose set forth.

2. The combination of the bow-spring B, formed with round turn at the bottom or lower end of the plate C, formed with slot *c*, flanges *d*, and tongue *e*, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

CHAUNCEY C. PARKER.

Witnesses:

RALPH L. COOK,
E. W. CANDEE.