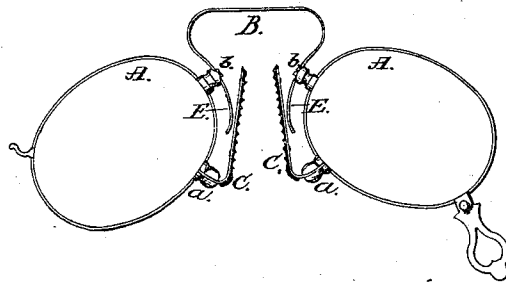


M. C. BRACKETT.
Eye-Glass Frame.

No. 161,658.

Patented April 6, 1875.



Witnesses:

a. Y. Park
Geo. B. Bridgden

Inventor:

Maurice C. Brackett
by Webster Park
his attorney

UNITED STATES PATENT OFFICE.

MARRICK C. BRACKETT, OF HOLLAND, MASSACHUSETTS, ASSIGNOR TO
GEORGE B. BRIGDEN, OF NORWICH, CONNECTICUT.

IMPROVEMENT IN EYEGLASS-FRAMES.

Specification forming part of Letters Patent No. **161,658**, dated April 6, 1875; application filed
November 18, 1874.

To all whom it may concern:

Be it known that I, MARRICK C. BRACKETT, of Holland, in Hampden county and State of Massachusetts, have invented certain Improvements in Adjustable Eyeglasses, of which the following is a specification:

My invention consists in attaching a side spring to a joint or post upon the lower inner part of each eye-frame, which springs are bent nearly at right angles, and extend straight upward above the posts to which the bridge-spring is attached, being faced with any suitable roughened material, forming two nose-pieces, and also in attaching a re-enforcing spring to each bridge-post, which extends inward and downward against the above side springs to support their free upper ends, the object of my invention being to vary and adjust the pressure at both the top and bottom of the nose-pieces, so as to produce a closer and easier fit to any shape of the wearer's nose, and also to give a longer and straight bearing upon the sides of the nose, so that by varying the stiffness of these side and re-enforcing springs, the pressure of the nose-pieces upon the sides of the nose can be adjusted to fit with an ease and adhesion never before attained.

The accompanying drawing shows my improved eyeglasses in the position which they assume when opened ready to be put upon the nose.

A A are the ordinary eye-frames, which are provided with joints upon the lower part of the frames at *a a*; or, if preferred, they may have posts attached at *a a*, and the joints may be made at some other point. B is the bridge-spring, which has its ends secured upon the posts *b b*, which are attached upon the upper part of the frames.

My improvement consists of the side springs C C, which are each secured in the joints, or upon posts at *a a*, and after extending out a suitable distance they are bent up, so as to extend nearly or quite straight upward, terminating in free ends above the posts *b b* and under the bridge-spring B, thus having their

free ends covered and protected at all times—whether the eyeglasses are open or closed—by the bridge-spring. These side springs are provided with the ordinary roughened facings, forming nose-pieces, and also have their upper ends supported by the re-enforcing springs E E.

These springs E E are preferably fastened over the top of the ends of the bridge-spring B upon the posts *b b* by the same screw which fastens the bridge-spring upon these posts, so that their ends overlap a small portion of the ends of the bridge-spring, to strengthen it at the screw-holes; or these re-enforcing springs may be continuations of the ends of the bridge-spring, extending below the posts *b b*.

By this construction, both the side springs and the re-enforcing springs are secured only at one end, while their other end is left entirely free, thus giving them much greater elasticity and freedom of motion, and because of their being fastened only at one end every piece is interchangeable, thus effecting a great saving of time over many of the ordinary glasses, in which each piece must be fitted to its place; and, again, since the action of the re-enforcing springs is separate and distinct from the side springs, by varying their stiffness, in regard to each other and to the bridge-spring, the pressure at the ends of the nose-pieces can be varied or equalized as desired.

This arrangement of parts, while compact and strong, presents a very neat and artistic appearance.

I claim as my invention—

The eye-frames A A, having the side springs C C, provided with roughened facings, and fastened in the joints or posts *a a*, and extending upward above the posts *b b*, and also having the re-enforcing springs E E projecting below the posts *b b*, to support the upper free ends of the side springs, substantially as and for the purpose set forth.

MARRICK C. BRACKETT.

Witnesses:

A. F. PARK,
WEBSTER PARK.