

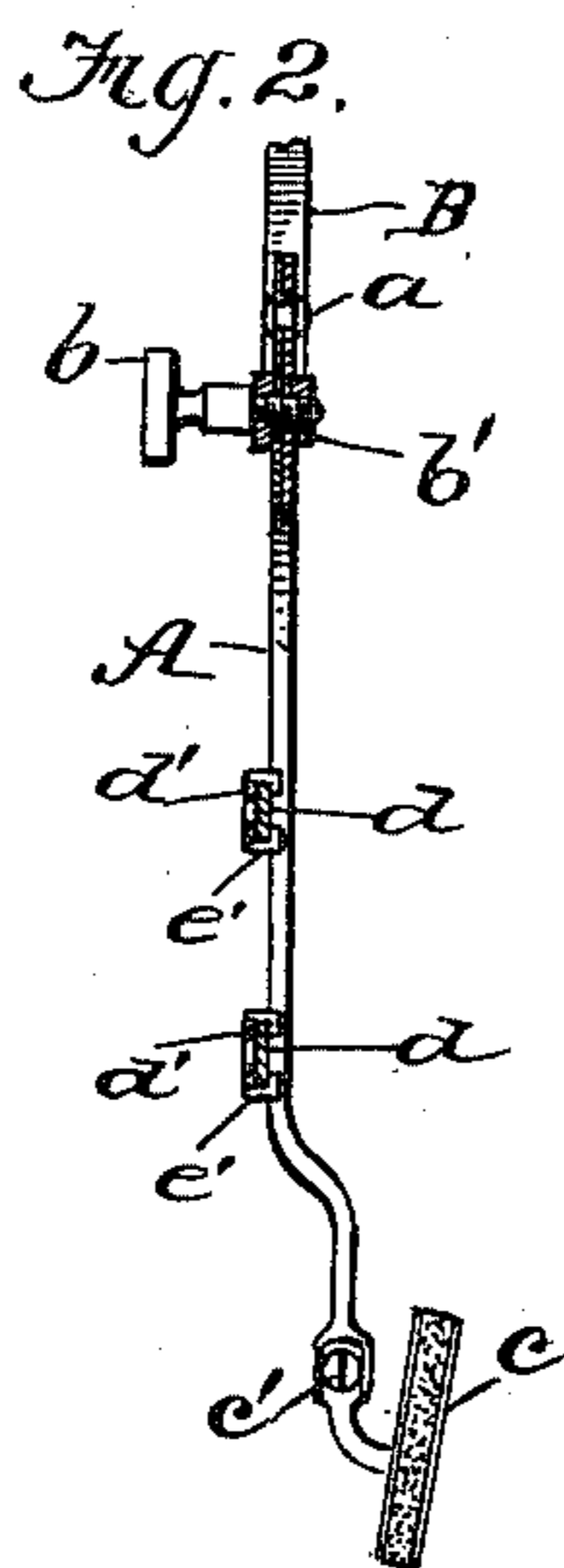
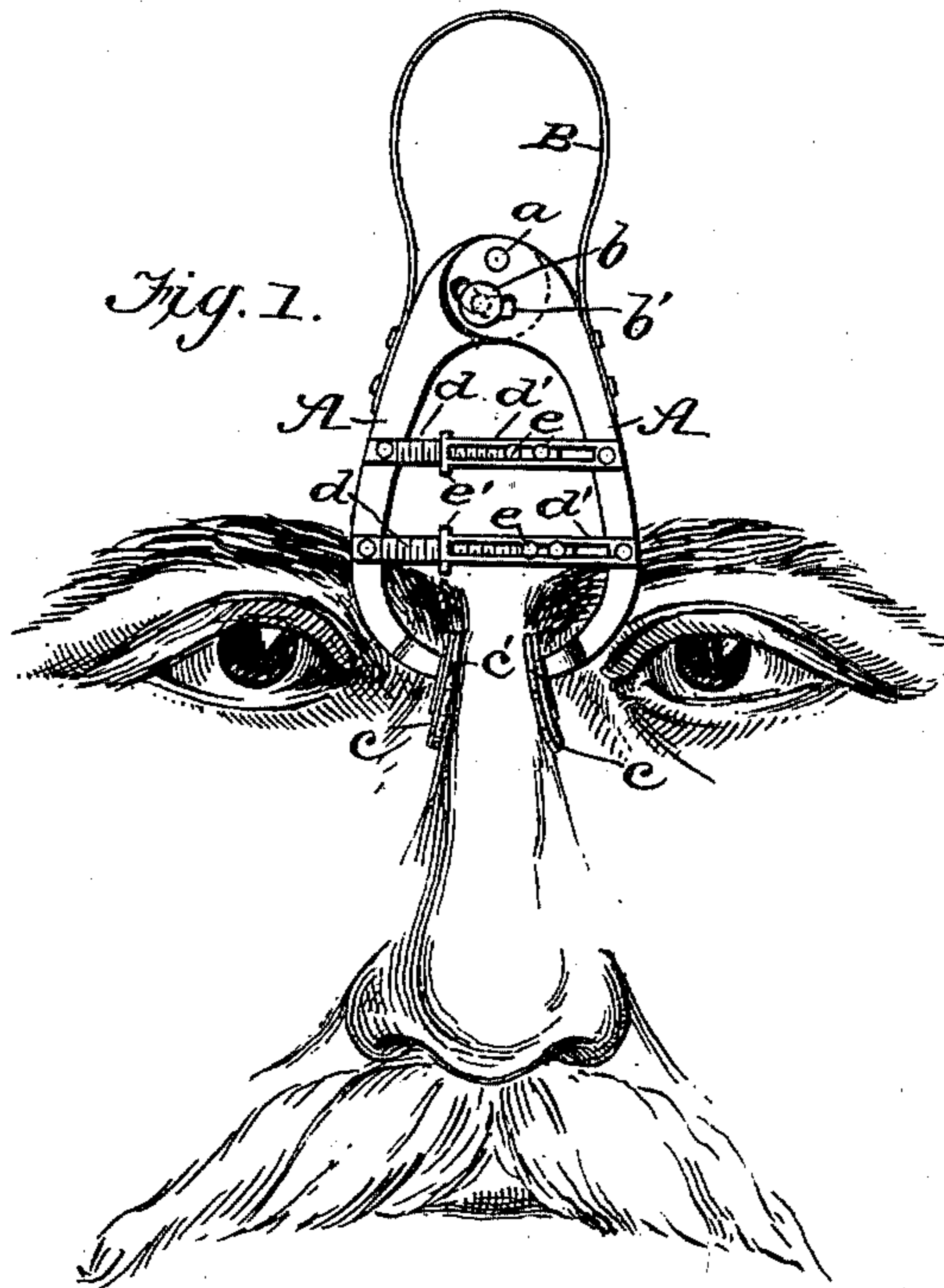
No. 626,575.

Patented June 6, 1899.

L. A. STEVENSON.
EYEGGLASS GAGE.

(Application filed Nov. 22, 1898.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

LEVI A. STEVENSON, OF GAYLORD, MICHIGAN.

EYEGLASS-GAGE.

SPECIFICATION forming part of Letters Patent No. 626,575, dated June 6, 1899.

Application filed November 22, 1898. Serial No. 697,177. (No model.)

To all whom it may concern:

Be it known that I, LEVI A. STEVENSON, of Gaylord, in the county of Otsego and State of Michigan, have invented a new and useful
5 Improvement in Eyeglass-Gages, of which the following is a specification.

My invention is in the nature of a gage or measuring device to assist the oculist or optician in securing the exact distance apart
10 and angular position for the nose-clamps of eyeglasses, or for the proper spread for the bridge of spectacles; and it consists in a special construction and arrangement of calipers designed for this special use, as will be
15 hereinafter more fully described with reference to the drawings, in which—

Figure 1 is a front view shown applied, and Fig. 2 a longitudinal section.

In the drawings, A A represent the two
20 legs of the nose-calipers, which are pivoted together at *a* and are fixed in their adjustments about this center by a set-screw *b*, passing through a curved slot *b'*, formed in one of the jaws and entering a screw-threaded
25 hole in the other jaw.

B is a bowed spring passing around the butt-end of the calipers and screwed or otherwise attached at their ends to the legs of the calipers along their outside edges. The
30 calipers near their ends are offset from the plane of their body portion, as seen in Fig. 2, and on their ends are detachably mounted nose-clamps *c c*, similar to those used on eyeglasses. The offset in the calipers accommodates the projection of the forehead and allows the nose-clamps to fall inside the outer
35 profile-line of the nose, as is necessary in getting the correct measurement. These nose-clamps have little shanks that receive small screws *c'*, that enter sockets in the thickened ends of the calipers and detachably secure the clamps thereto. These clamps may be
40 made in different sizes and of different angular positions to correspond to the different shapes and sizes of noses.

Extending across from one leg to the other of the calipers are slide-gages, one part *d* of which is attached pivotally to one leg and the other part *d'* to the other leg in approxi-

mately right-angular position. One of these
50 sections *d* is marked with graduations and has two headed studs *e* at one end that play in a slot in the section *d'*, and the latter has a head *e'*, that clasps or embraces the edges of the other section, so as to keep the two sec-
55 tions in alinement as they slide one over the other. As shown, there are two of these slide-gages; but I may use only one, if desired.

To operate these calipers, they are held in a vertical position with the pivoted ends of
60 the calipers uppermost, and in such position the nose-pieces are pressed apart against the tension of the spring and fitted to the bridge of the nose. When so fitted, the calipers are fixed in this adjustment by tightening the
65 set-screw, and the indication on gage being noted the nose-pieces of the eyeglasses or the bridge of the spectacles are adjusted to correspond.

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

1. An eyeglass-gage consisting of a pair of hinged caliper-legs having their ends offset to a different plane from their body portions,
75 and provided with nose-clamps, and one or more gage-bars located transversely on the legs between the nose-clamps and the pivotal center of the legs, said gage-bar consisting of two pieces, one piece attached to one leg and
80 the other to the other leg, and the two pieces sliding telescopically over each other in the middle substantially as and for the purpose described.

2. An eyeglass-gage consisting of a pair of
85 hinged caliper-legs having their ends offset to a different plane from their body portions, and provided with slot *b'* and clamping-screw *b* and also with nose-clamps, one or more gage-bars located transversely on the legs between
90 the nose-clamps and the pivotal center of the legs, and a bow-spring B encircling the pivot of the legs, and united at its ends to the two legs, substantially as shown and described.

LEVI A. STEVENSON.

Witnesses:

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