

No. 756,456.

PATENTED APR. 5, 1904.

W. L. BEMIS.
EYEGLASSES.

APPLICATION FILED DEC. 19, 1903.

NO MODEL.

Fig. 1.

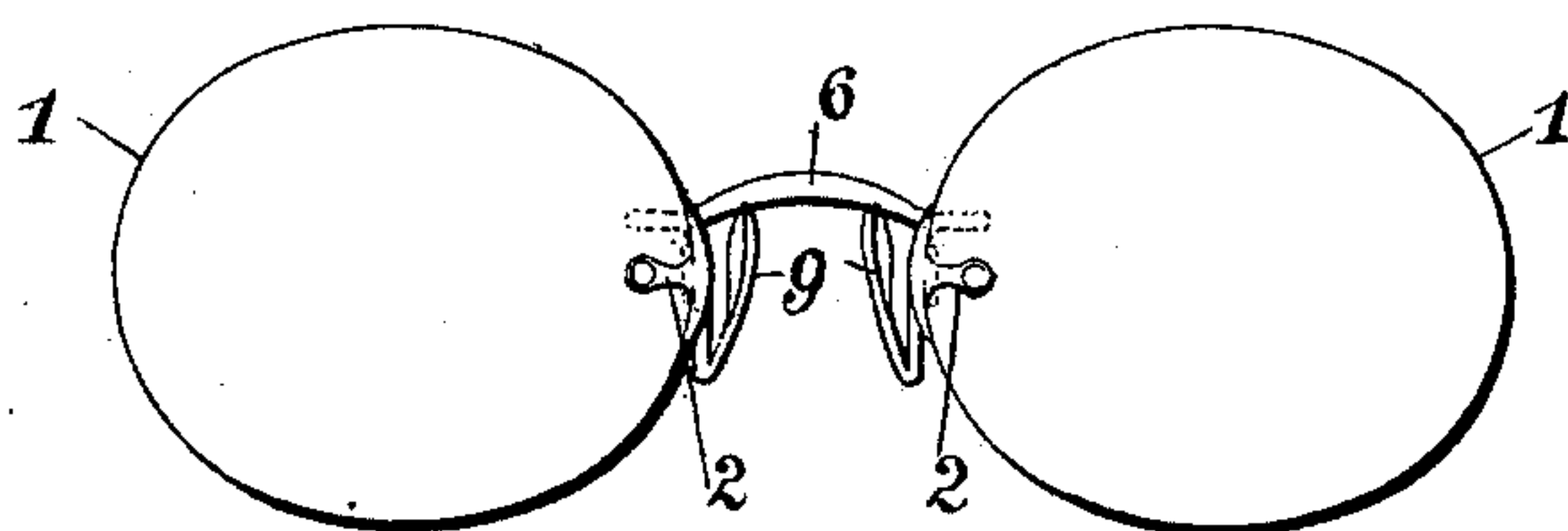


Fig. 2.

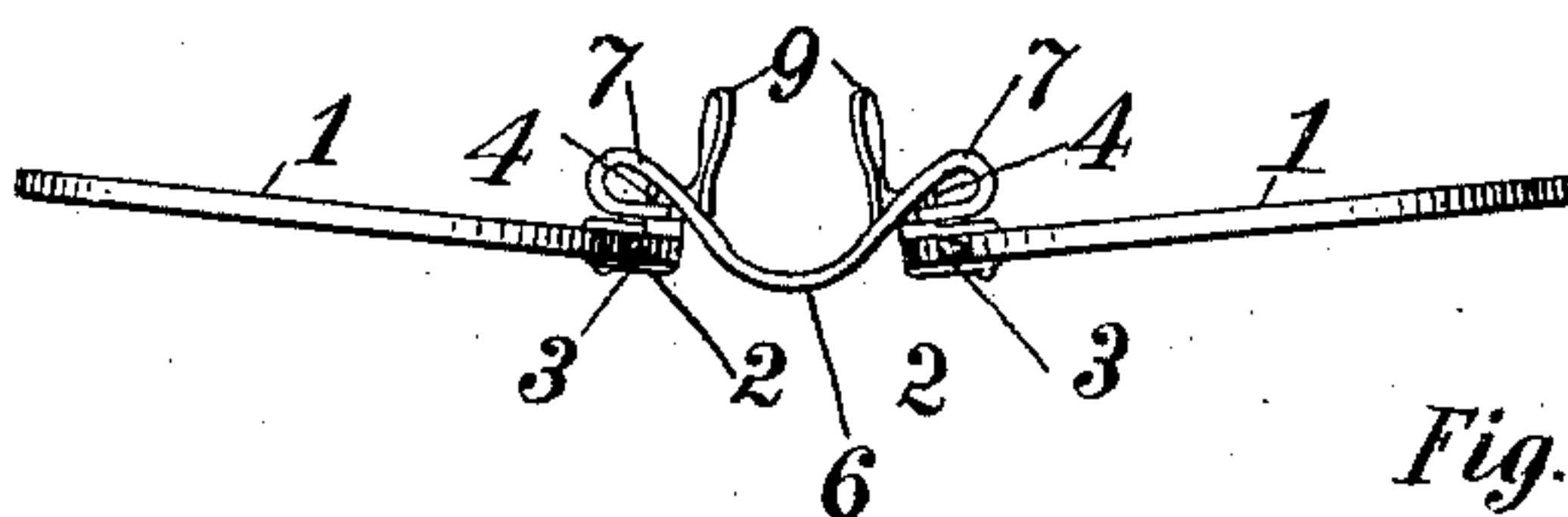


Fig. 4.

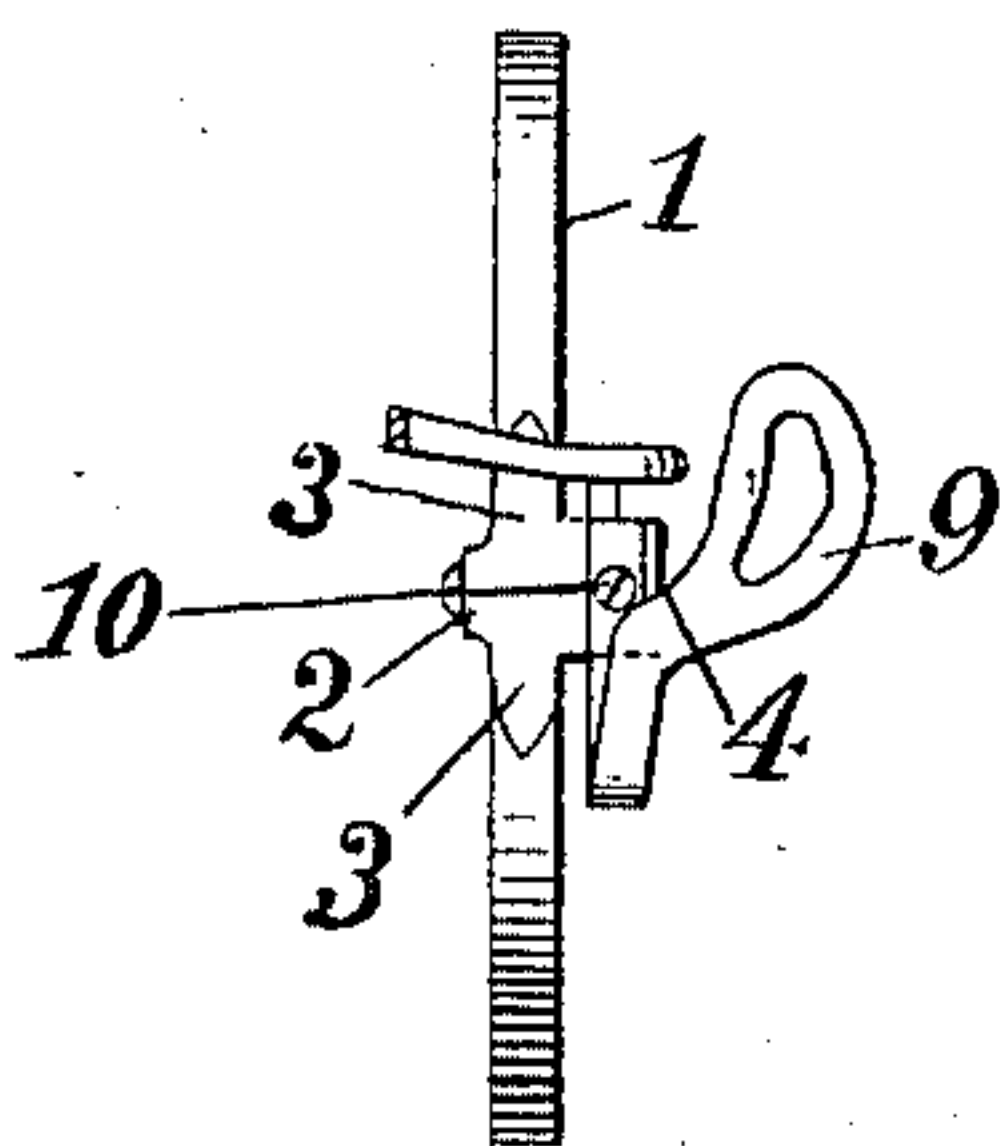


Fig. 3.

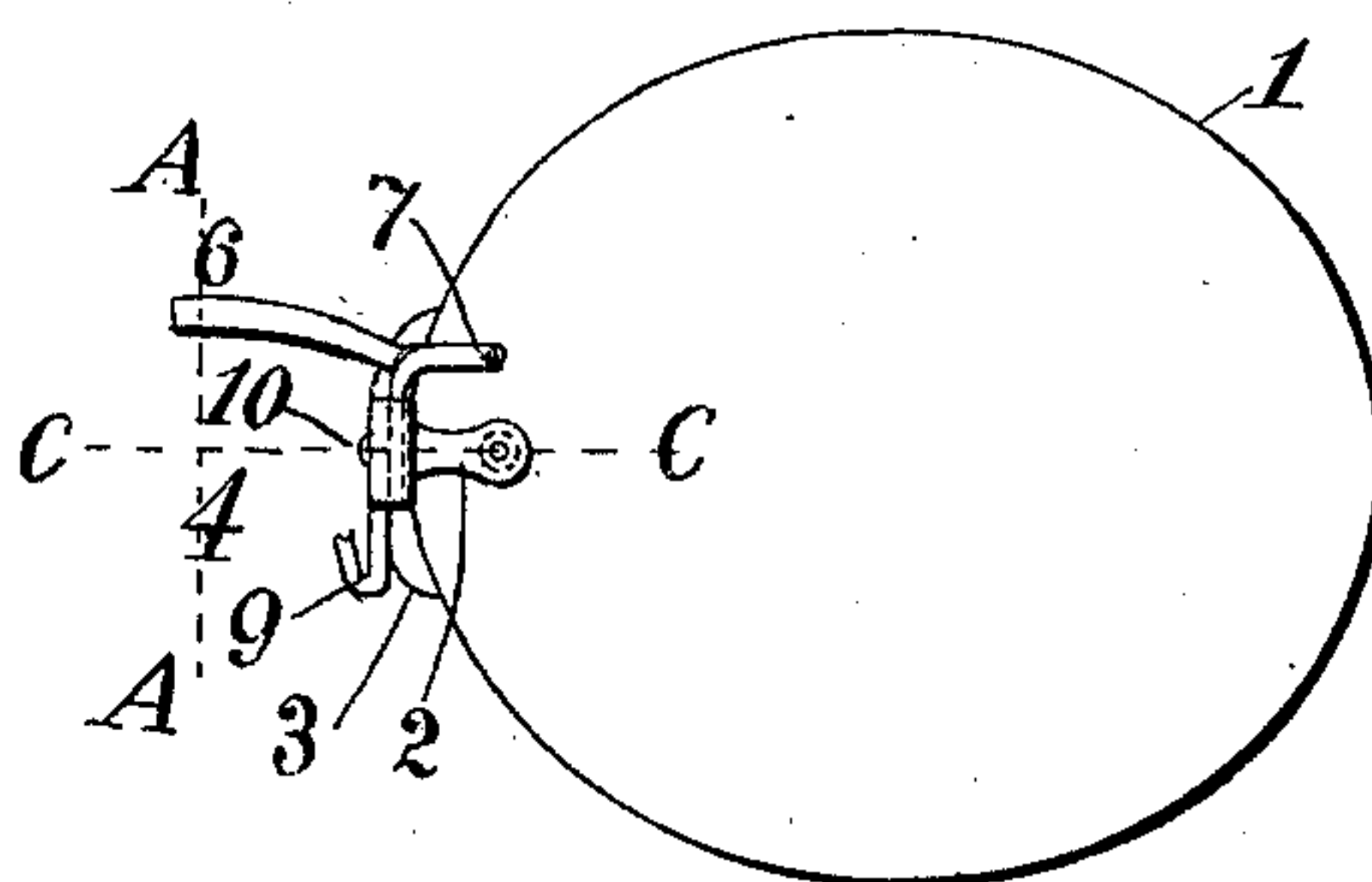


Fig. 5.

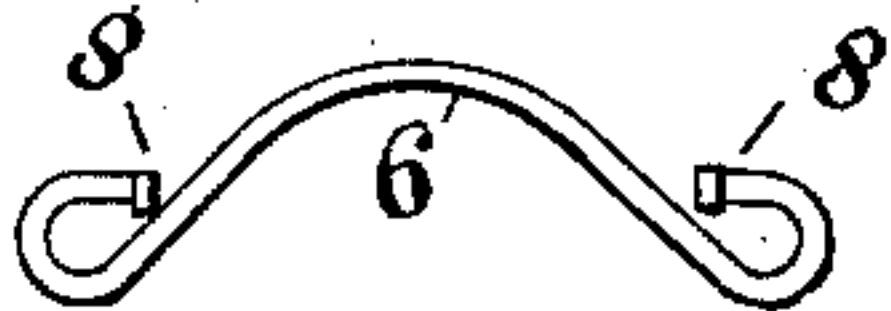


Fig. 6.

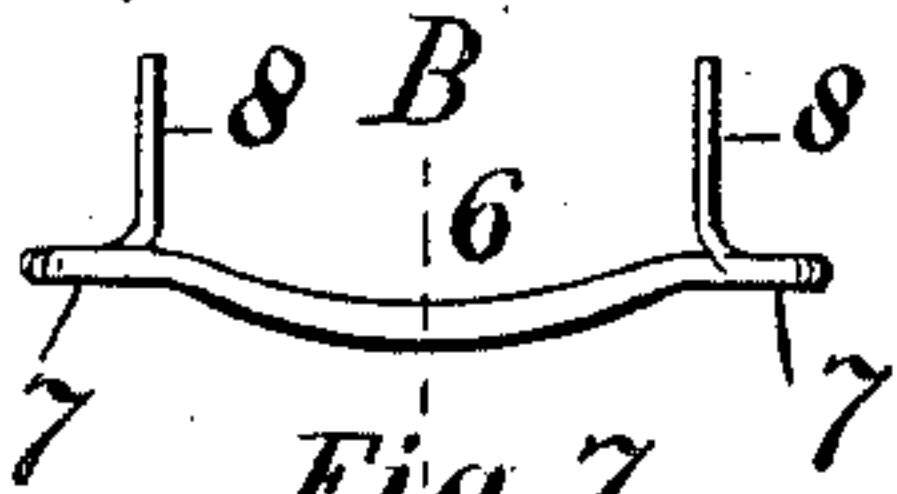


Fig. 7.

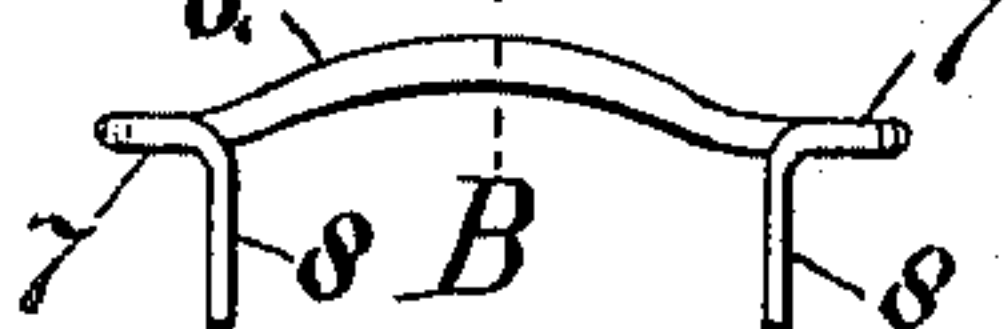


Fig. 8.

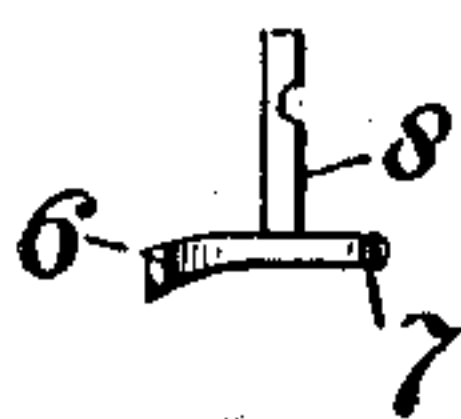


Fig. 9.

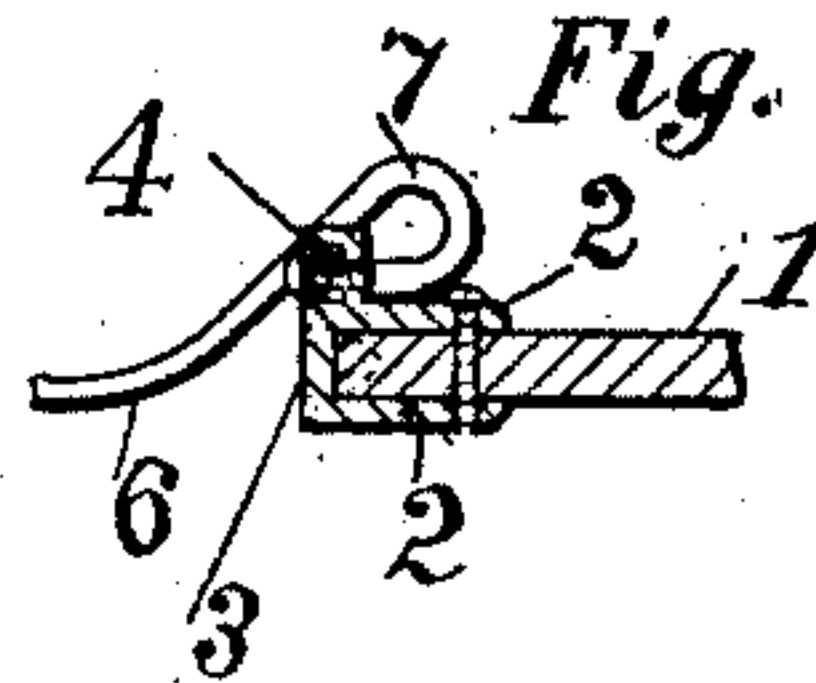
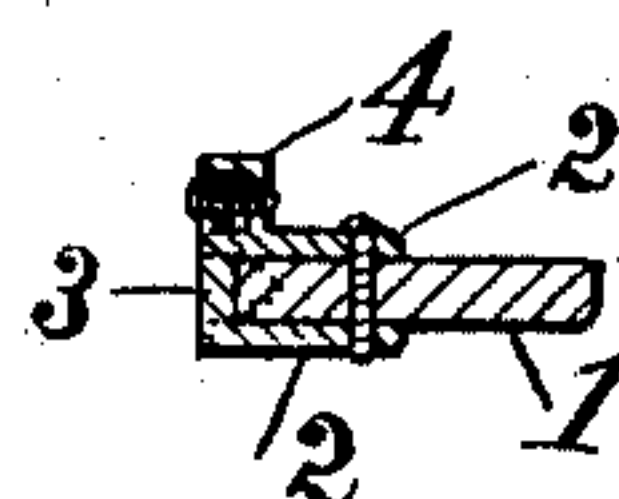


Fig. 10.



Witnesses.
R. Chiffon Lambert
Leon H. Olney

Inventor.
by Wallace L. Bemis
N. P. Lombard
Attorney.

UNITED STATES PATENT OFFICE.

WALLACE L. BEMIS, OF BROCKTON, MASSACHUSETTS.

EYEGLASSES.

SPECIFICATION forming part of Letters Patent No. 756,456, dated April 5, 1904.

Application filed December 19, 1903. Serial No. 185,838. (No model.)

To all whom it may concern:

Be it known that I, WALLACE L. BEMIS, of Brockton, in the county of Plymouth and State of Massachusetts, have invented certain new and useful Improvements in Eyeglasses, of which the following, taken in connection with the accompanying drawings, is a specification.

My invention relates to eyeglasses, and especially to the construction and application of the nose-spring; and it consists in certain novel features of construction, arrangement, and combination of parts, which will be readily understood by reference to the description of the accompanying drawings and to the claims hereto appended and in which my invention is clearly pointed out.

Figure 1 of the drawings is a front elevation of a pair of rimless eyeglasses embodying my invention. Fig. 2 is a plan of the same. Fig. 3 is a rear elevation of one of the lenses and showing the manner of attaching thereto the spring and nose-clamps. Fig. 4 is an edge view of the same, the nose-spring being cut in section on line A A on Fig. 3. Fig. 5 is an inverted plan of nose-spring. Fig. 6 is a rear elevation of the same when viewed in said inverted position. Fig. 7 is a front elevation of the nose-spring as viewed in its normal or upright position. Fig. 8 is a sectional elevation of said nose-spring, the cutting-plane being on line B B on Fig. 6. Fig. 9 is a partial sectional inverted plan, the cutting-plane being on line C C on Fig. 3 and showing one form of the stud to which the nose spring and guard may be secured in an open slot. Fig. 10 is a plan of another form of stud to which said spring and guard may be secured by inserting their shanks in a vertical mortise cut through said stud in a well-known manner.

In the drawings, 1 1 are the two lenses, to each of which is secured the clamp 2, having formed integral therewith the strap 3 to engage the inner edge of the lens and the stud 4, said stud, strap, and clamp being of substantially the same construction as shown and described in the Letters Patent No. 743,678, granted to me November 10, 1903.

The nose-spring is made of elastic or spring

metal, has the central curved bridge-section 6, which when in position is in a plane slightly inclined to a right angle to the front and rear faces of the lenses, with its central portion the highest, and also is provided at each side of said bridge-section a nearly-circular bend or loop 7, occupying a plane at a right angle to the plane of the lens, and with a terminal shank 8 extending downward from the inner terminal of each of said loops at a right angle thereto and parallel to the rear face of the lens, as shown in Figs. 5, 6, and 7, said shank entering the slot or mortise formed in the studs 4 from above, while the shank of the guard or nose-grab 9, which may be of any desired construction, enters said slot or mortise from below and is secured in position by the screw 10, as shown in Figs. 9 and 10. The loops 7 are entirely at the rear of or behind the lenses 1 1, no portion of said loops extending toward each other beyond the transverse vertical planes in which lie the opposing edges of the straps 3, which is a very important feature of my invention, especially when applied to the extra large lenses now in general use. The loop or coil 7 does not extend far enough around its axis of curvature for two portions of the spring to cross each other or to come into contact with each other, as will be seen on examining Figs. 2 and 5.

I claim—

1. As a new article of manufacture, a pair of eyeglasses having in combination a pair of lenses; a pair of studs located directly behind, and projecting to the rear of the inner faces of said lenses at their inner ends; a nose-spring having a curved central section slightly inclined to a plane at right angles to the planes of the front and rear faces of the lenses, and provided at each end with a nearly-circular bend or loop occupying a plane at a right angle to the plane of the face of said lens and directly in the rear of the inner portion of the rear face of said lens, and with a shank-section projecting downward from the terminal end of said loop parallel to the rear face of said lens, and secured in a socket in said stud.
2. A pair of eyeglasses having in combination a pair of lenses; a pair of studs; and a

nose-spring having a curved central section occupying a plane inclined to a right angle from the rear faces of said lenses, and provided at each end with a nearly-circular bend
5 or loop occupying a plane at a right angle to the rear face of said lens, and with a shank-section projecting downward from the terminal end of said loop parallel to the rear face of said lens, and secured in the socket of said
10 stud, said studs and the loops on said spring being so constructed and arranged that said

loops shall be wholly at the rear of, and directly behind the inner ends of said lenses.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 14th day of December, A. D. 1903. 15

WALLACE L. BEMIS.

Witnesses:

N. C. LOMBARD,
C. B. CHOATE.