

No. 798,053.

PATENTED AUG. 22, 1905.

W. L. BEMIS.
EYEGLASSES.

APPLICATION FILED SEPT. 28, 1904.

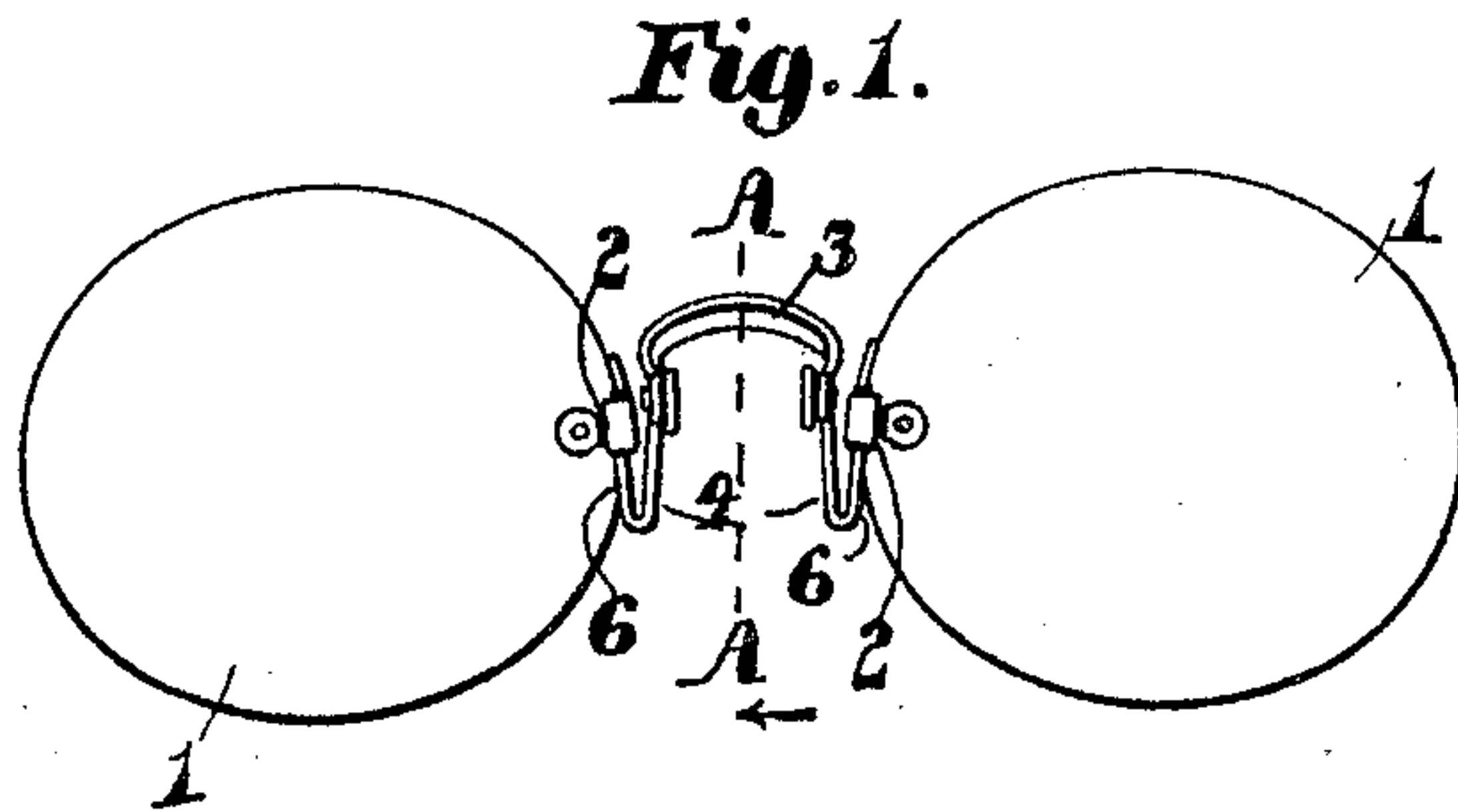
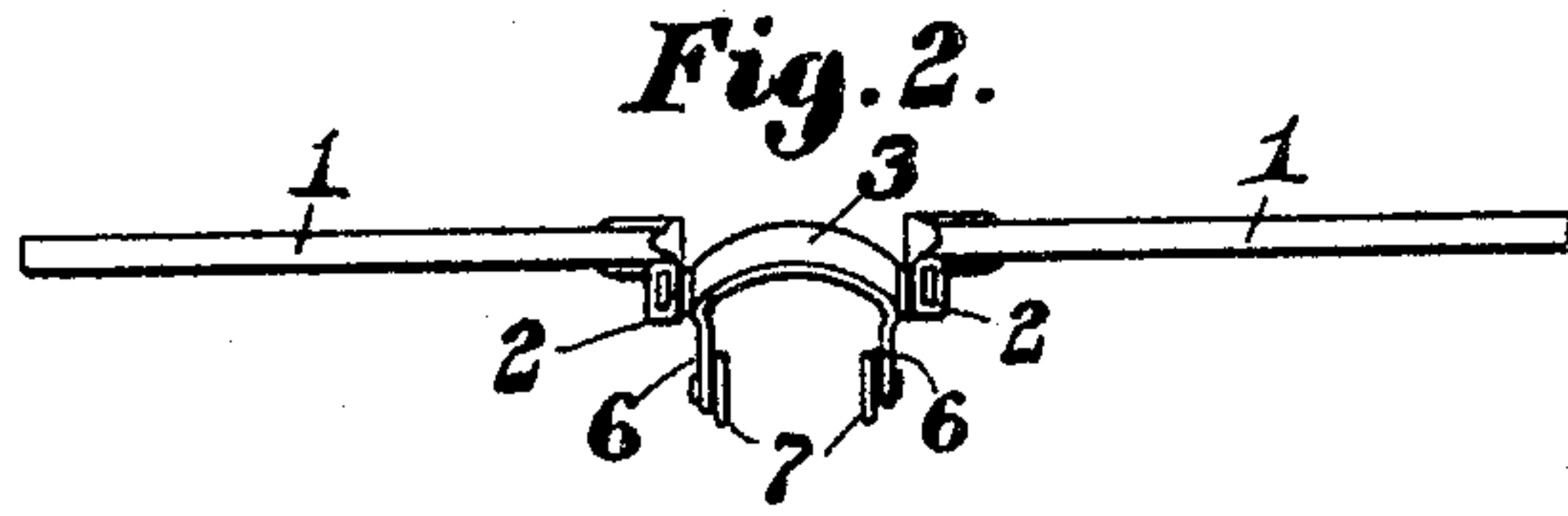


Fig. 6.

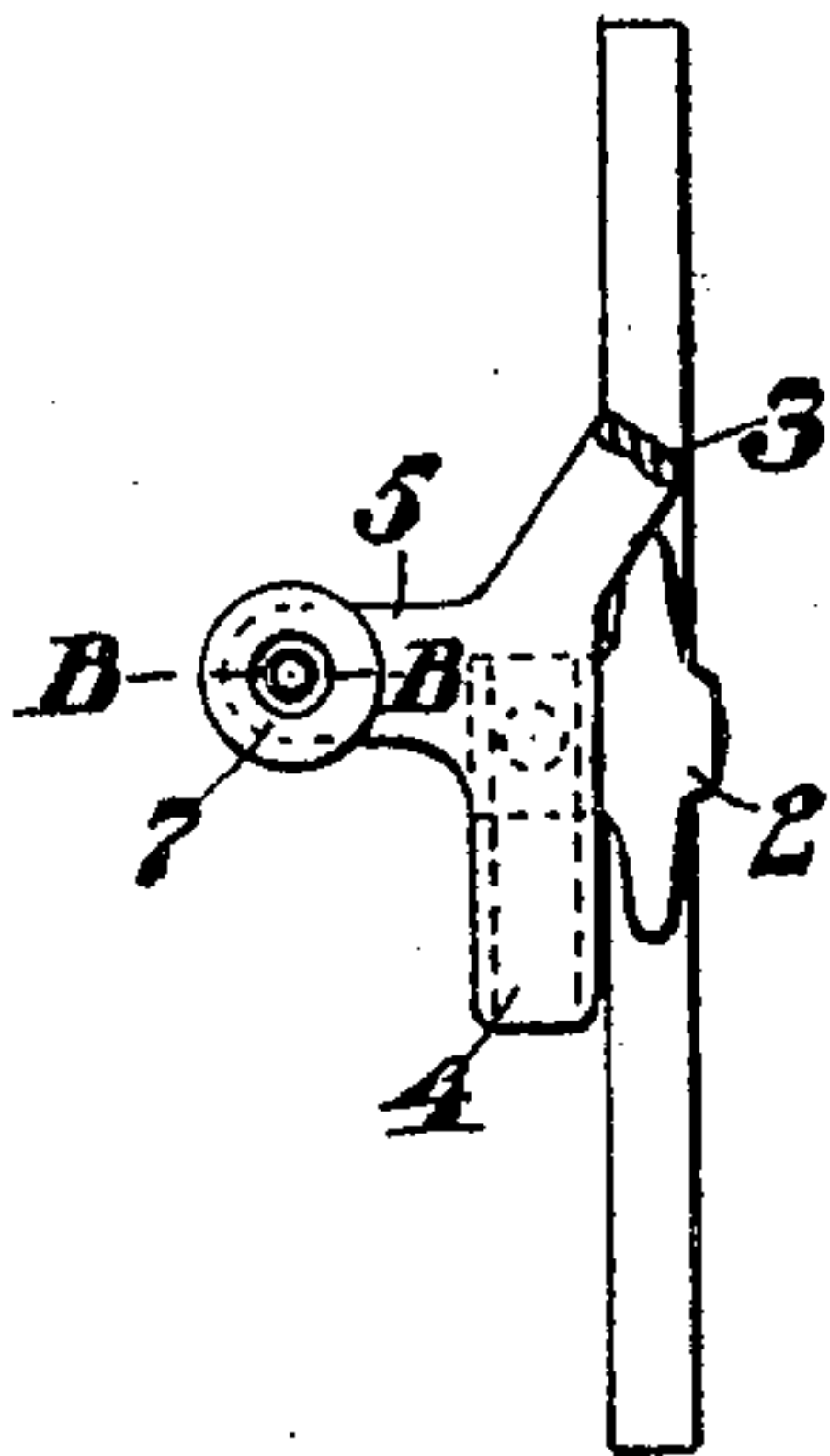


Fig. 7.

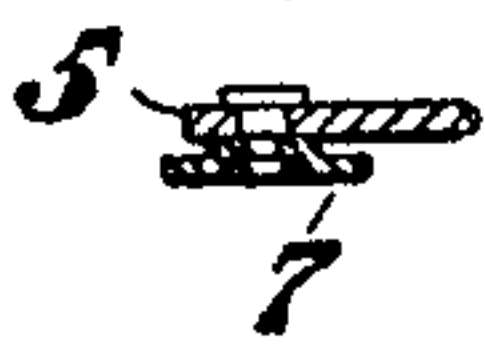


Fig. 5.

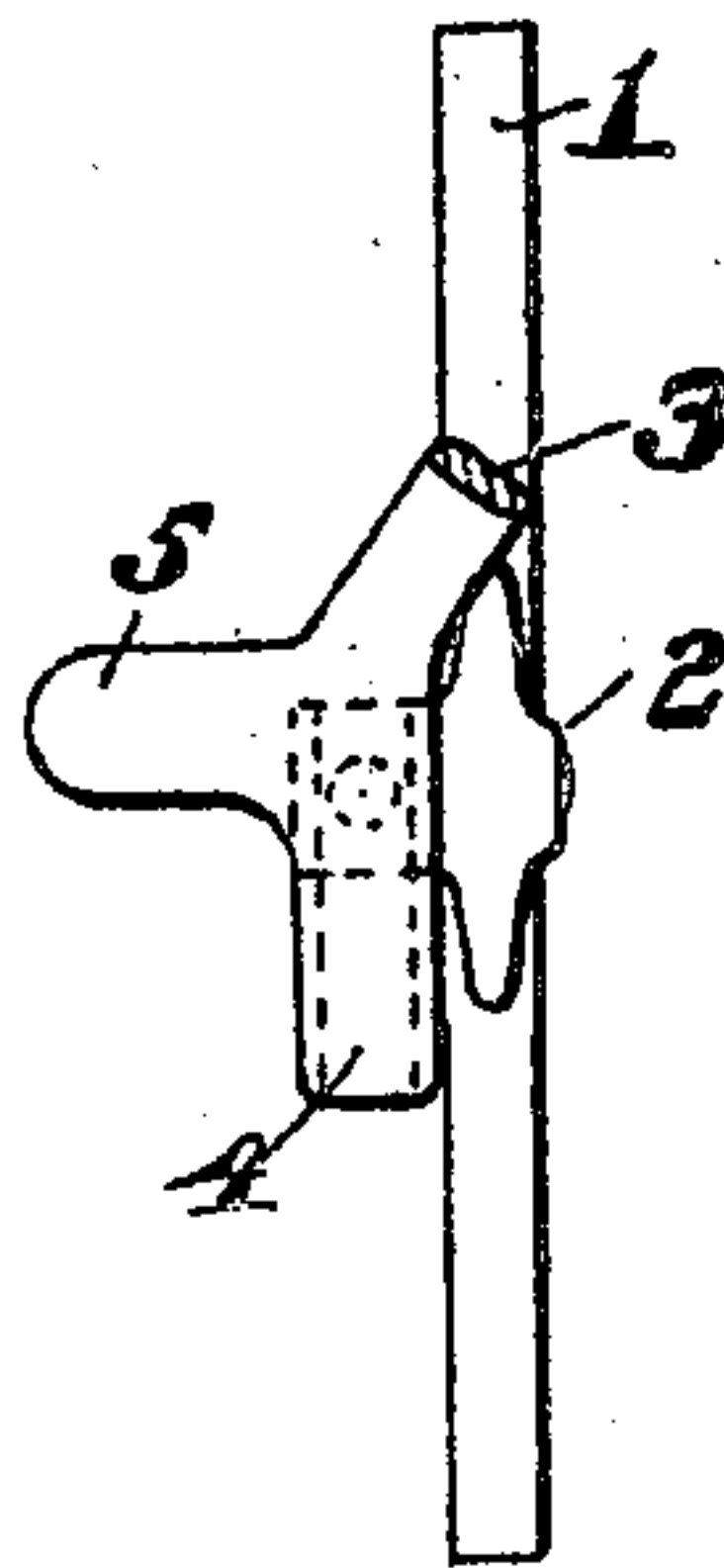
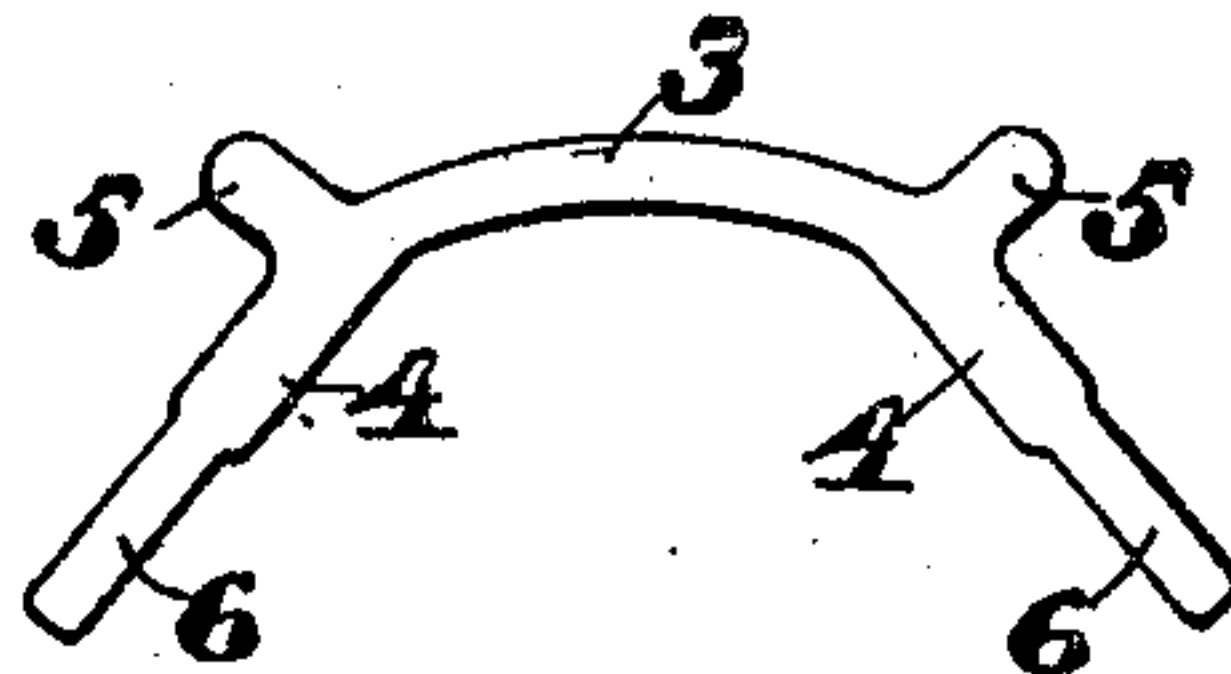


Fig. 4.



Fig. 3.



Witnesses:
Geo. A. Sewall
S. F. Wadsworth

Inventor:
Wallace L. Bemis,
by N. P. Lombard
Atty.

UNITED STATES PATENT OFFICE.

WALLACE L. BEMIS, OF BROCKTON, MASSACHUSETTS.

EYEGLASSES.

No. 798,053.

Specification of Letters Patent.

Patented Aug. 22, 1905.

Application filed September 28, 1904. Serial No. 226,352.

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 a new and useful Improvement 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 fittings connecting the two lenses; 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 rear elevation of a pair of eyeglasses embodying my invention. Fig. 2 is a plan of the same. Fig. 3 is a plan of the fitting-blank as died from a flat sheet of spring metal. Fig. 4 is a rear elevation of said fitting after being bent to the desired shape, but unattached to the studs. Fig. 5 is a section on line A A on Fig. 1 looking toward the left of said figure. Fig. 6 is a similar view illustrating a slight modification. Fig. 7 is a section on line B B on Fig. 6.

In the drawings, 1 1 represent the two lenses.

2 is a stud secured to the inner edge of each lens, which may be of any suitable construction, provided with sockets or recesses to receive the ends of the fitting, which connects the two lenses. The connecting-fitting comprises the nose spring or bridge 3, the nose-guards, each comprising two arms 4 and 5, arranged at substantially a right angle to each other, the arm 4 extending downward from the base of the nose-bridge in close proximity to and parallel with the rear face of the lens, and the arm 5 projecting toward the rear from the base of said bridge at a right angle, or nearly so, to plane of the faces of the lenses, and the two end portions 6, which are bent upward from the lower ends of the arms 4 and nearly parallel therewith, as shown. The connecting-fitting, comprising the bridge, nose-guards, and stud-connecting end portions, is formed integral, or in one piece, and is preferably cut by dies from sheet spring metal in the form shown in Fig. 3 and then bent to the desired shape, as shown in Figs. 4 and 5.

The arm 5 of the nose-guard may have piv-

oted to its inner face the disk 7, so as to be freely revoluble about its pivot, or said arm may have a smooth inner face, as shown in Figs. 4 and 5. It will be seen that the nose-guards 4 5 are between the base of the bridge 3 and the end portions of the fitting, and by the peculiar relations of said bridge, guards, and stud-connecting end portions formed integral, as set forth, a firm but easy grip is obtained upon the nose, and the eyeglasses may be made cheaper and are less liable to get out of order than when the guards are made separate from the bridge.

What I claim as new, and desire to secure by Letters Patent of the United States, is—

1. In eyeglasses, the combination with a pair of lenses, a stud secured to each of said lenses and a stud-connecting fitting made from a single piece of metal and comprising a pair of nose-guards each having two arms arranged approximately at a right angle to each other, an arched nose-bridge extending upward and forward from the points of junction of the two arms of each nose-guard, and a pair of stud-connecting sections bent upward from the lower ends of the pendent arms of said nose-guards.

2. The combination of a pair of lenses; a stud secured to each of said lenses; a forwardly-inclined bridge located entirely above the level of said studs; a pair of two-armed nose-guards one arm of each of said nose-guards being pendent from the bases of said bridge and the other arm of each of said nose-guards being approximately at a right angle to said pendent arm and formed integral therewith; and a pair of stud-connecting sections formed in one piece with and turned upward from the lower ends of said pendent nose-guard arms, the bases of the bridge the pendent arms of said nose-guards and the stud-connecting sections being in a common plane that is parallel to the faces of said lenses but at the rear thereof.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 23d day of September, A. D. 1904.

WALLACE L. BEMIS.

Witnesses:

HERBERT H. CHASE,
T. H. MERRILL.