

No. 885,199.

PATENTED APR. 21, 1908.

F. A. STEVENS.
EYEGLASSES.

APPLICATION FILED MAY 31, 1907.

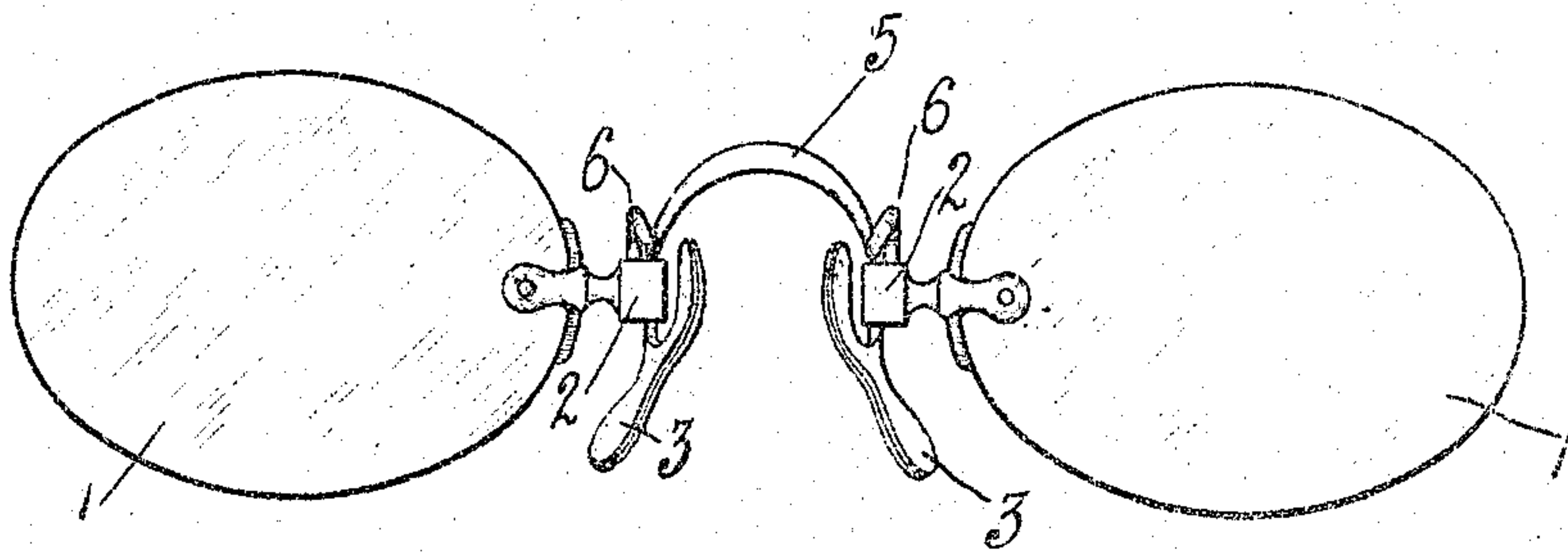


FIG. 1.

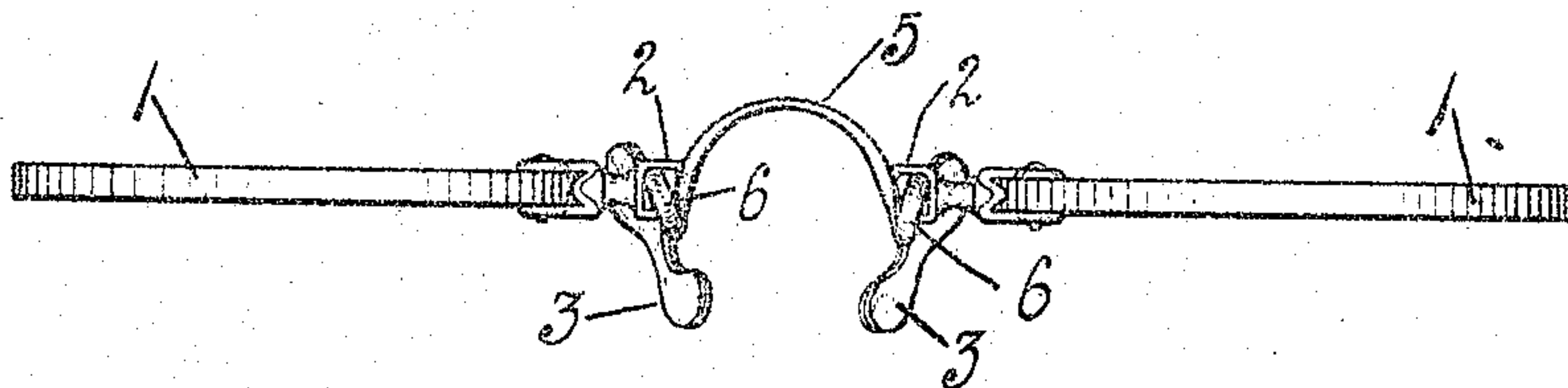


FIG. 2.

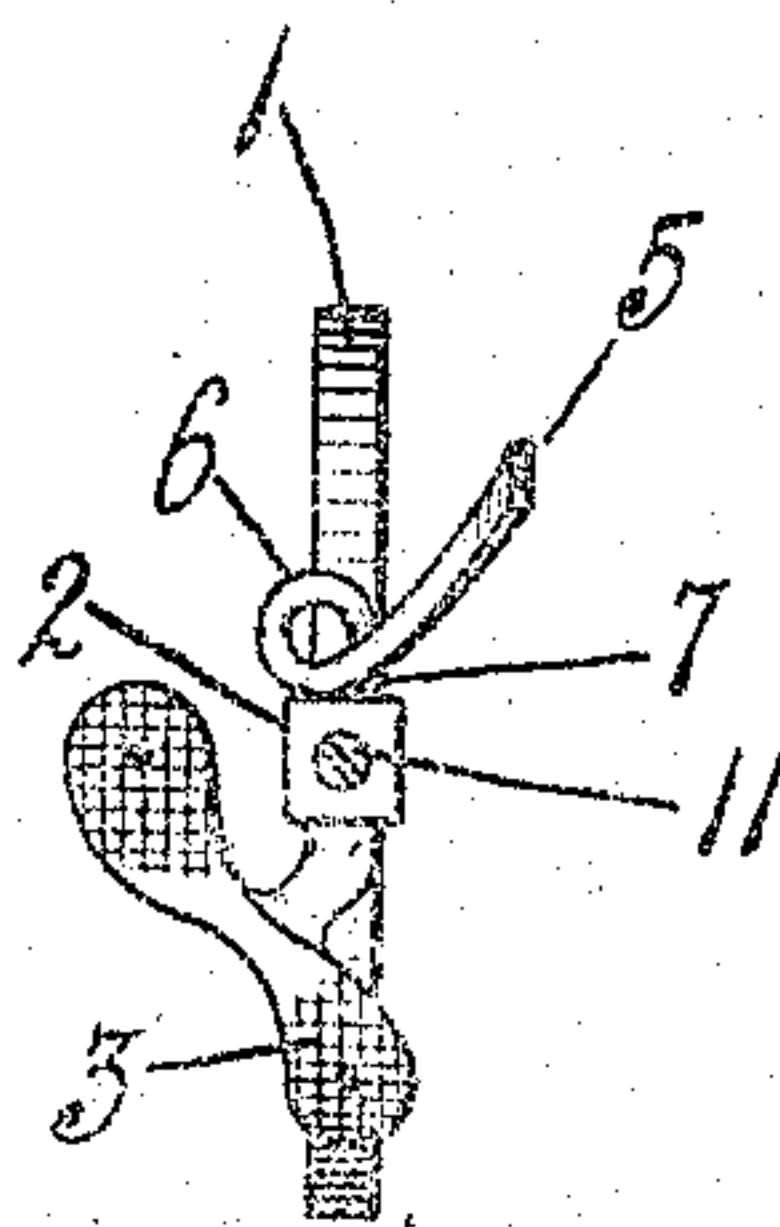


FIG. 3.

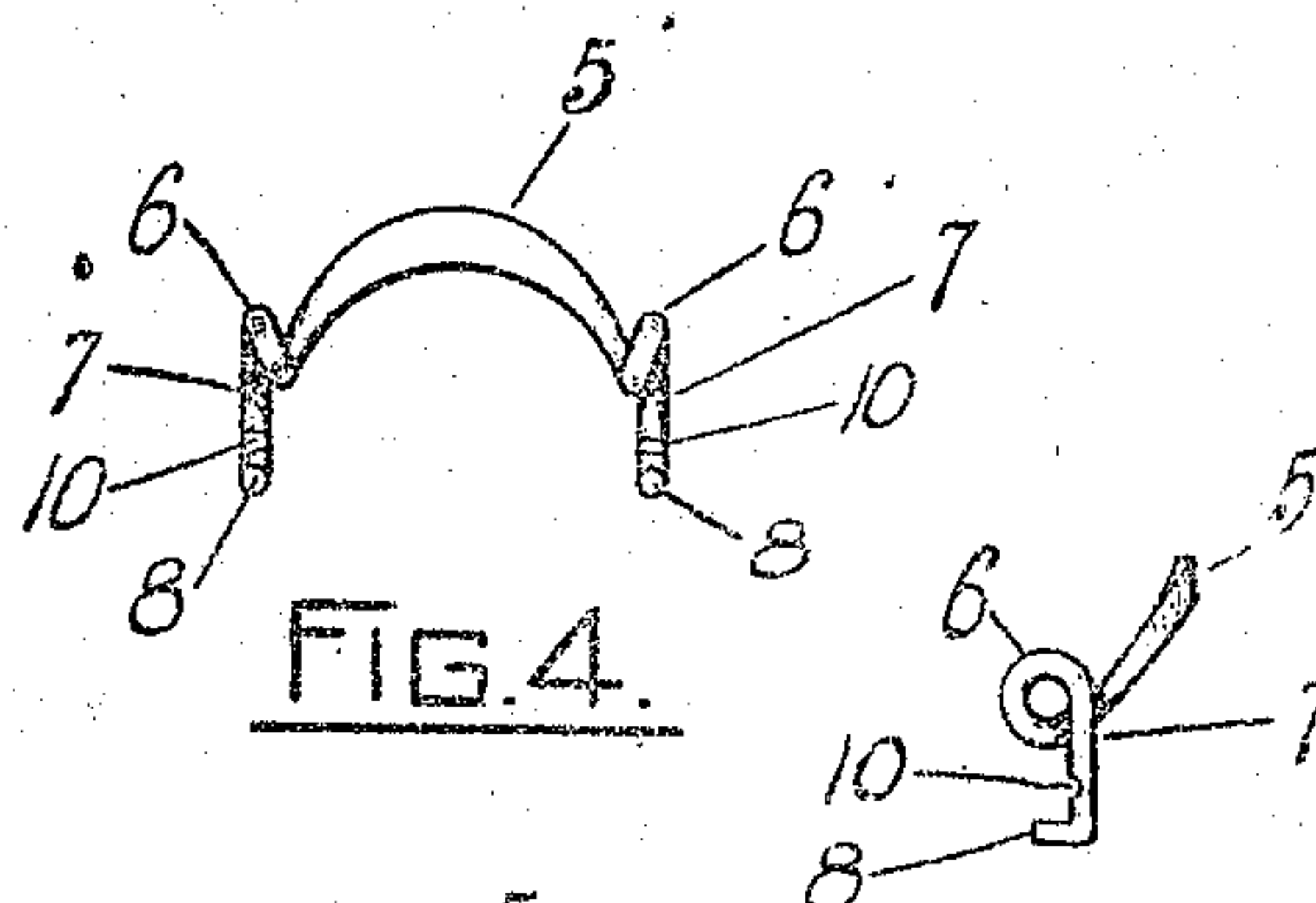


FIG. 4.

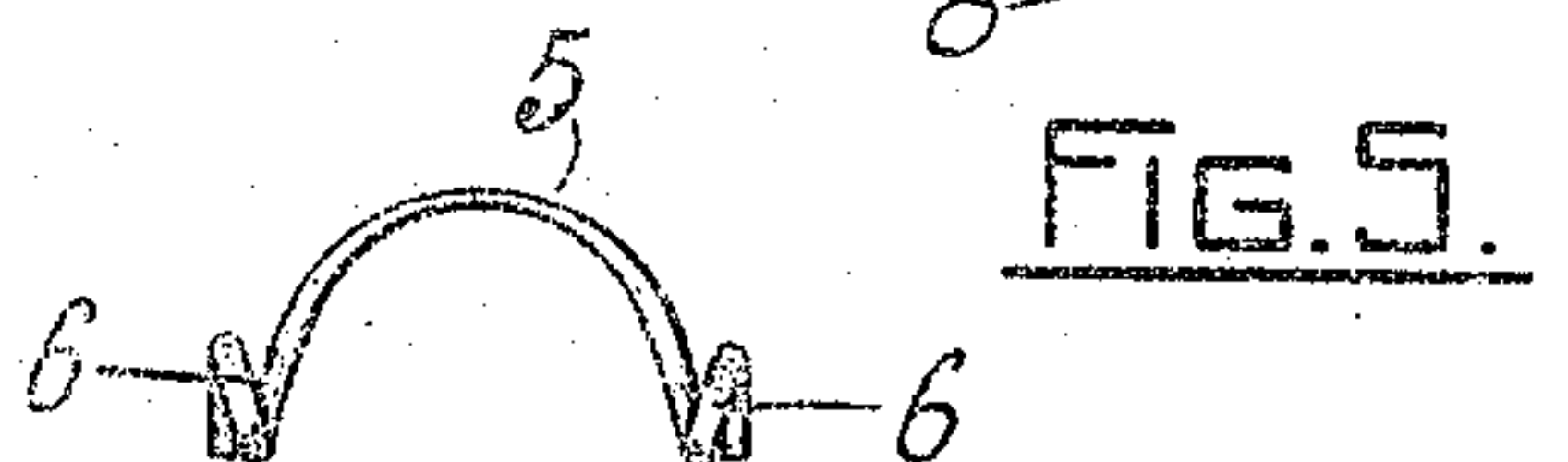


FIG. 5.



FIG. 6.

WITNESSES

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EYEGLASSES.

No. 885,199.

Specification of Letters Patent.

Patented April 21, 1908.

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To all whom it may concern:

Be it known that I, FREDERICK A. STEVENS, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Eyeglasses, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This improvement relates to that class of eyeglasses provided with bends intermediate the ends of the bridge spring; and the invention consists in the peculiar construction, arrangement and combination of parts hereinafter more particularly described, and then
15 definitely pointed out in the claims. The essential purposes being simplicity, strength, and resiliency.

20 In the accompanying drawings, Figures 1 and 2 are rear and plan elevations respectively of a pair of eyeglasses embodying my invention. Fig. 3, a section of the same on line xx of Fig. 1, and Figs. 4, 5 and 6, front, end and plan views respectively of the spring member.
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Like reference numerals represent like parts throughout the various figures.

30 In the drawings, 1, 2 and 3 represent the usual lenses, boxes and guards of a pair of eyeglasses in conjunction with which my invention may be advantageously employed. The bridge spring member comprises an arched forwardly directed central or bridge portion, 5, having the stock which forms the
35 end portions thereof bent rearwardly, upwardly, and downwardly to form substantially circular loops, 6, located above the boxes. The downwardly extending portions, 7, of the spring are rectilinear and terminate in projections or fingers 8, extending
40 at right angles from the portions, 7, and in the vertical planes of the loops, 6. The vertical portions, 7, are provided intermediate their lengths with cavities, 10, adapted to
45 receive transversely the screws or other attaching devices, 11.

The portions, 7, it will be understood, pass down along the inner surfaces of one of the box walls, while the ends of the fingers, 8,
50 abut against the opposite walls of the boxes

and assist in maintaining the entire bridge spring in rigid connection with the boxes.

In the embodiment of my invention herein shown the arch, 5, of the bridge spring is shown of thin or flattened material, while the
55 loops and legs are round in cross section. This structure gives advantageous results in actual practice, yet an operative structure is attained regardless of the shape of the spring in section.
60

It will be observed that the vertical portions or legs, 7, enter the boxes from above and that the loops, 6, are immediately above and adjacent the boxes in each instance, by
65 which means no interference can occur with the guards when the eyeglasses are distended, and a maximum of compactness and strength is attained consistently with the desired resiliency.

What I claim is,
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1. In a pair of eyeglasses the combination with the lenses and boxes, of a bridge spring connecting the boxes, a loop upon each end of the bridge portion, rectilinear portions extending from the loops, and fingers upon the
75 ends of the rectilinear portions.

2. In a pair of eyeglasses the combination with the lenses and boxes, of a bridge spring having a curved portion, a vertical loop at each end of the curved portion, and above
80 the boxes, rectilinear portions extending from the loops, and fingers upon the ends of the rectilinear portions.

3. A bridge spring for eyeglasses comprising a reduced central portion, a loop upon
85 each end of the reduced portion, rectilinear portions extending from the loops, and fingers upon the ends of the rectilinear portions.

4. A bridge spring for eyeglasses comprising a curved central portion, a loop upon
90 each end of the central portion, rectilinear portions projecting from the loops, and fingers upon the rectilinear portions in alignment with the loops.

In testimony whereof I have affixed my
signature in presence of two witnesses.

FREDERICK A. STEVENS.

Witnesses:

HORATIO E. BELLOWS,
LEONARD W. HORTON.