

**No. 633,382.**

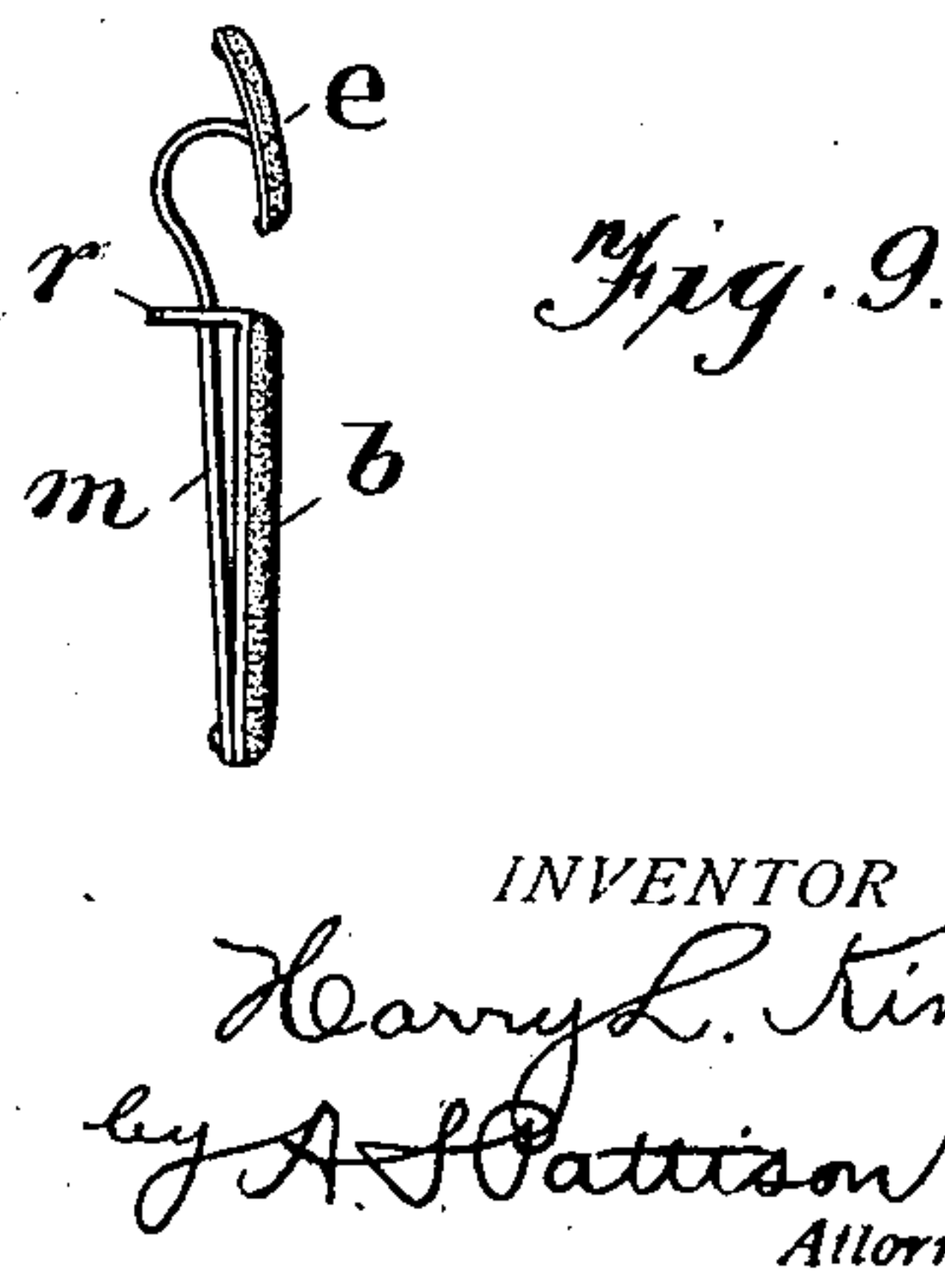
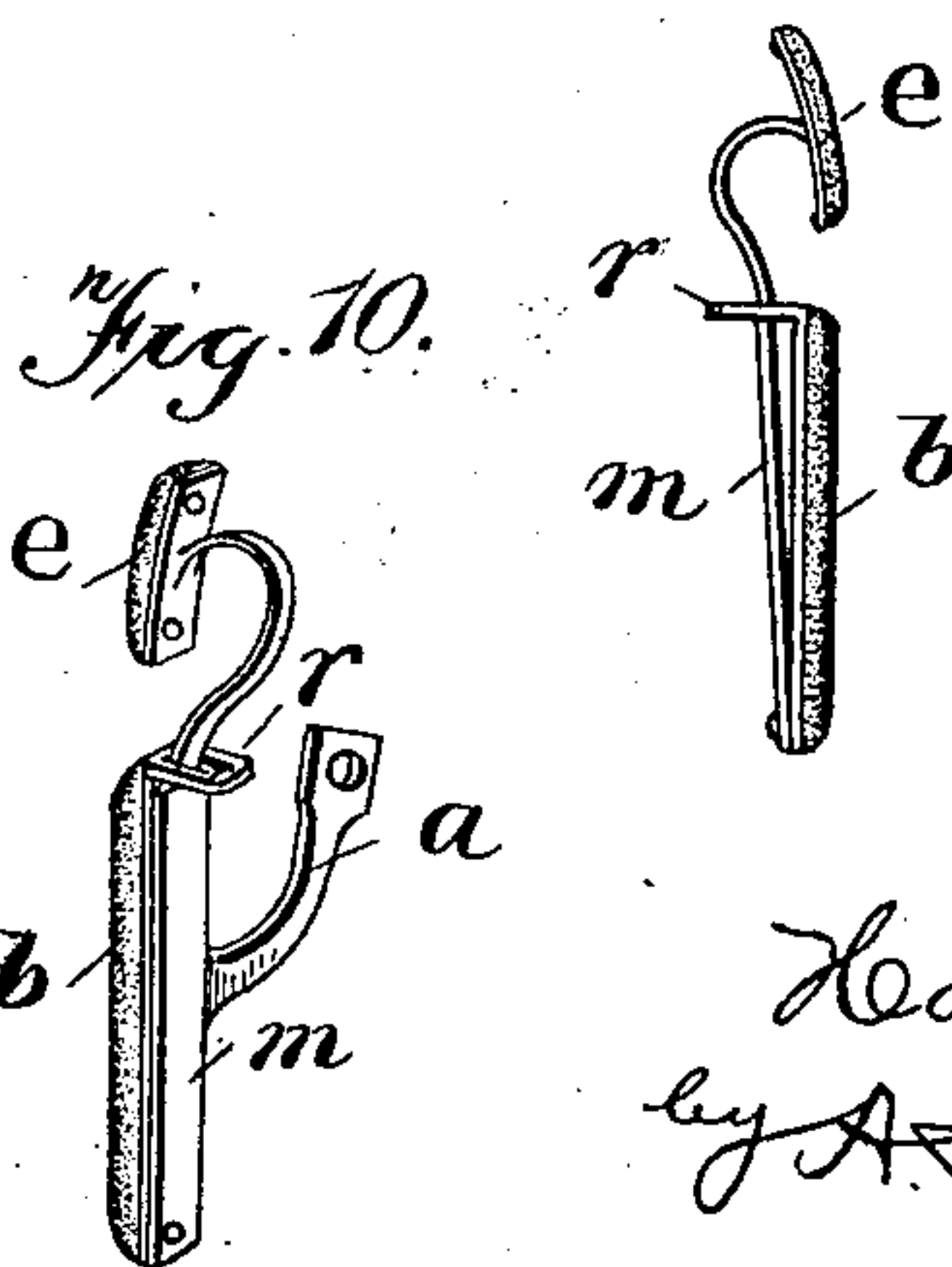
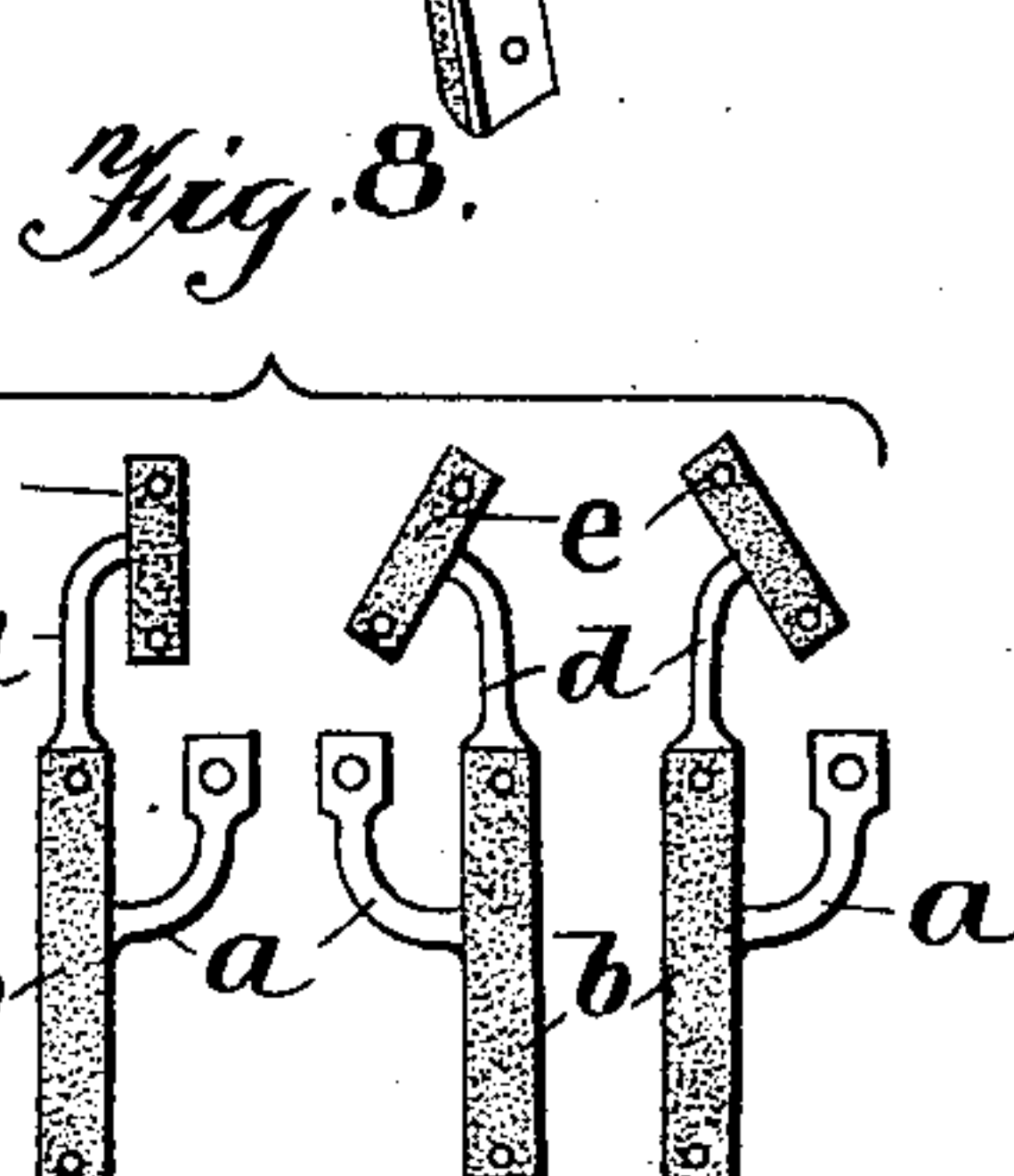
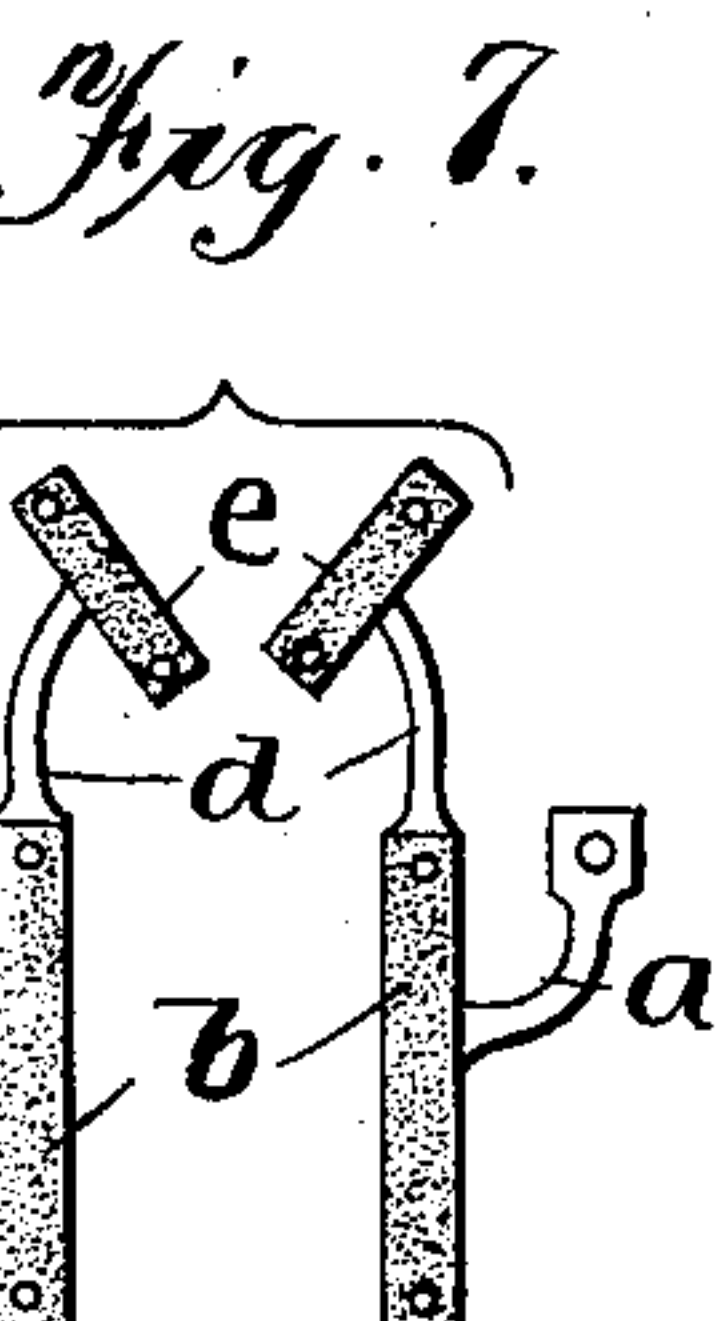
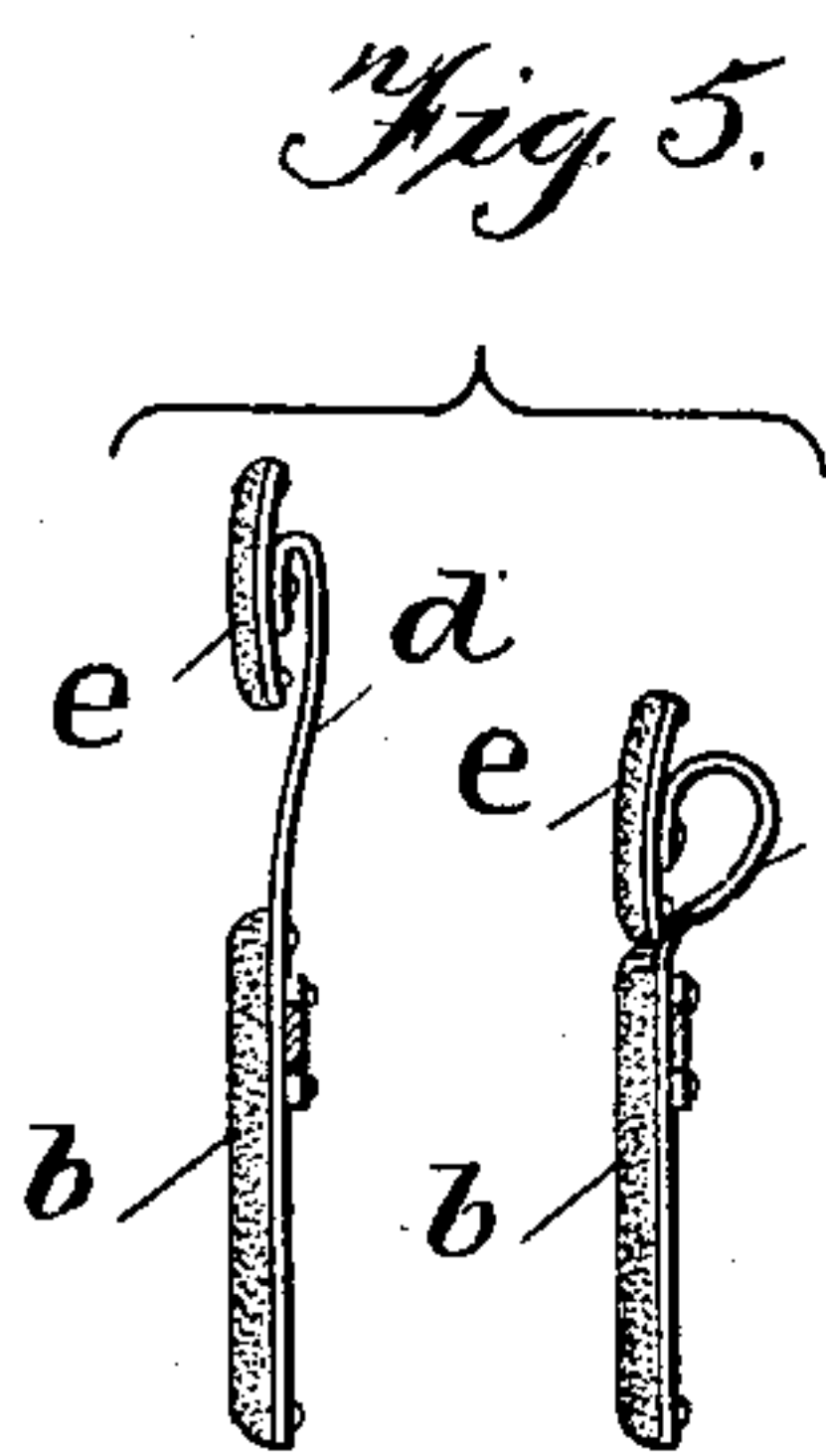
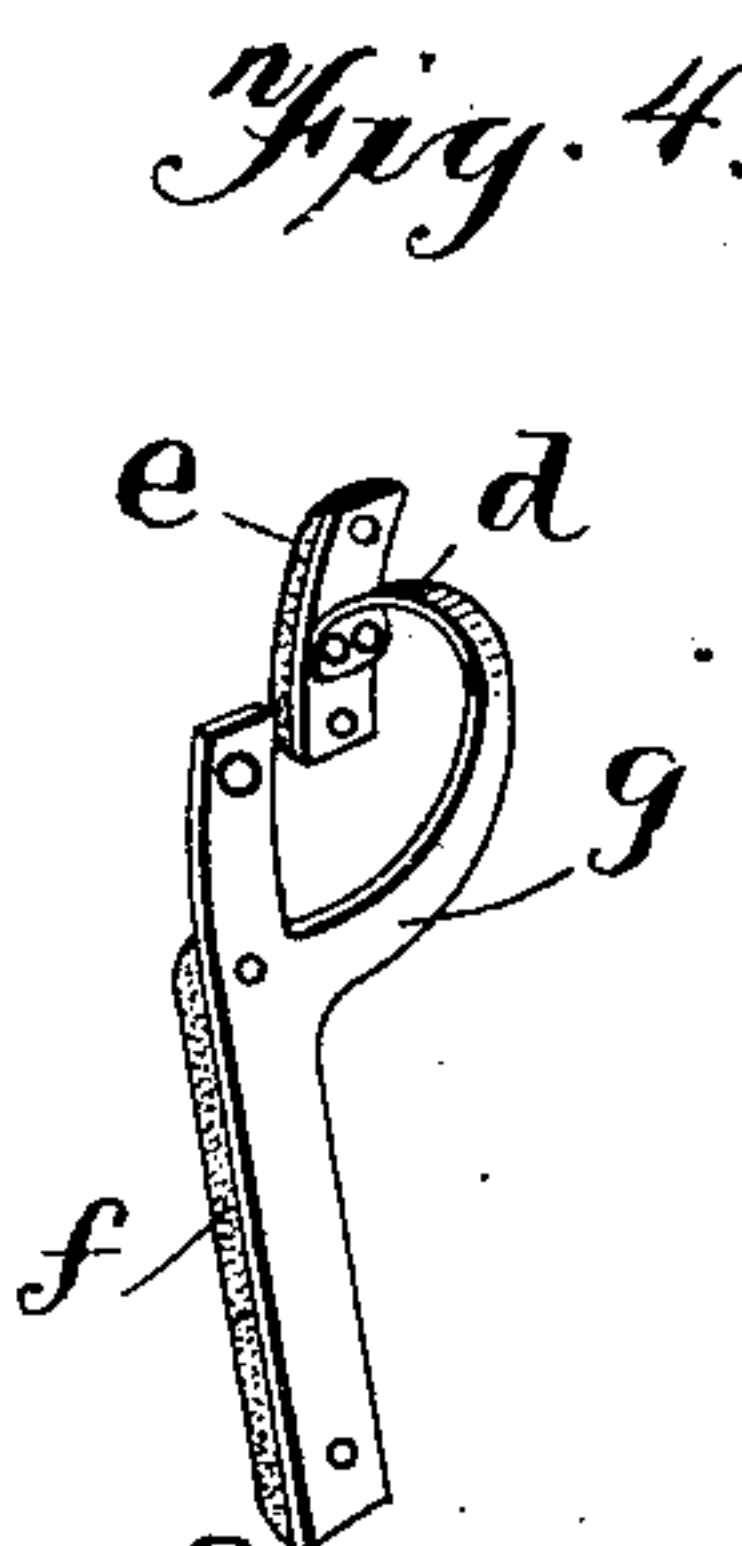
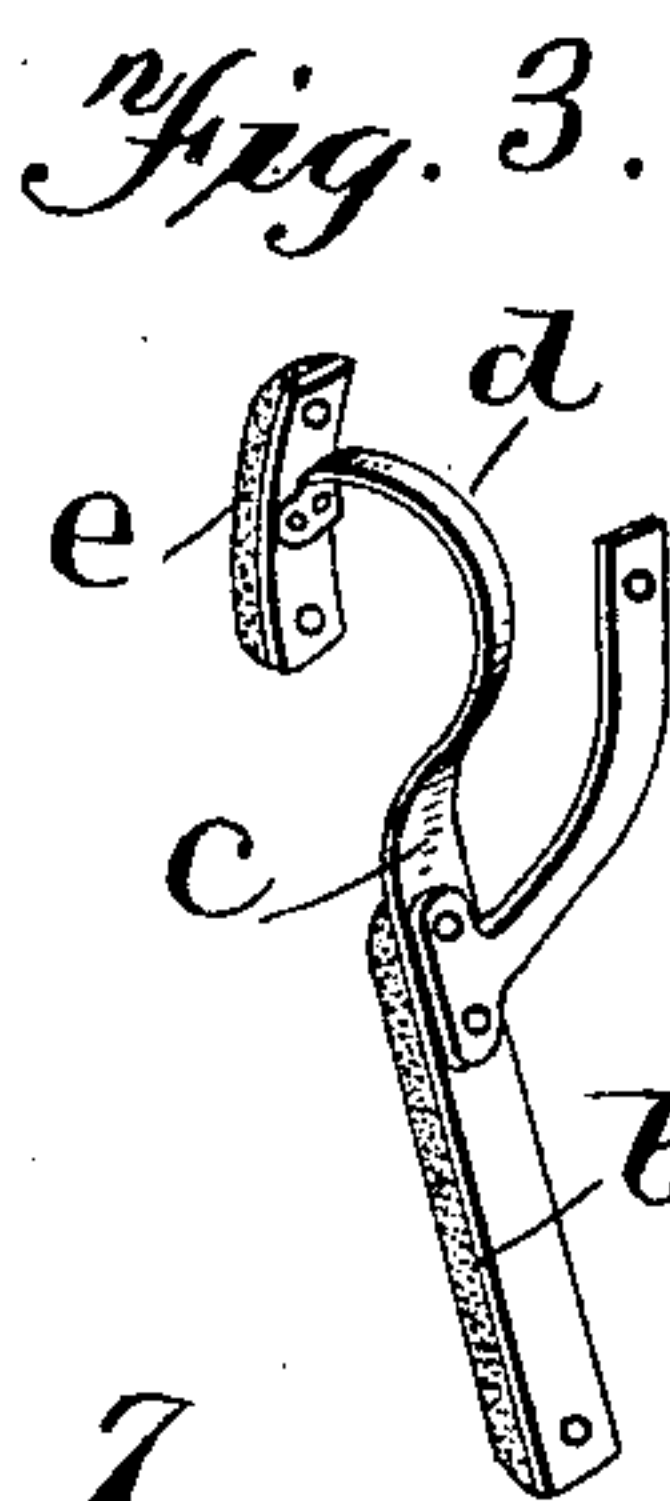
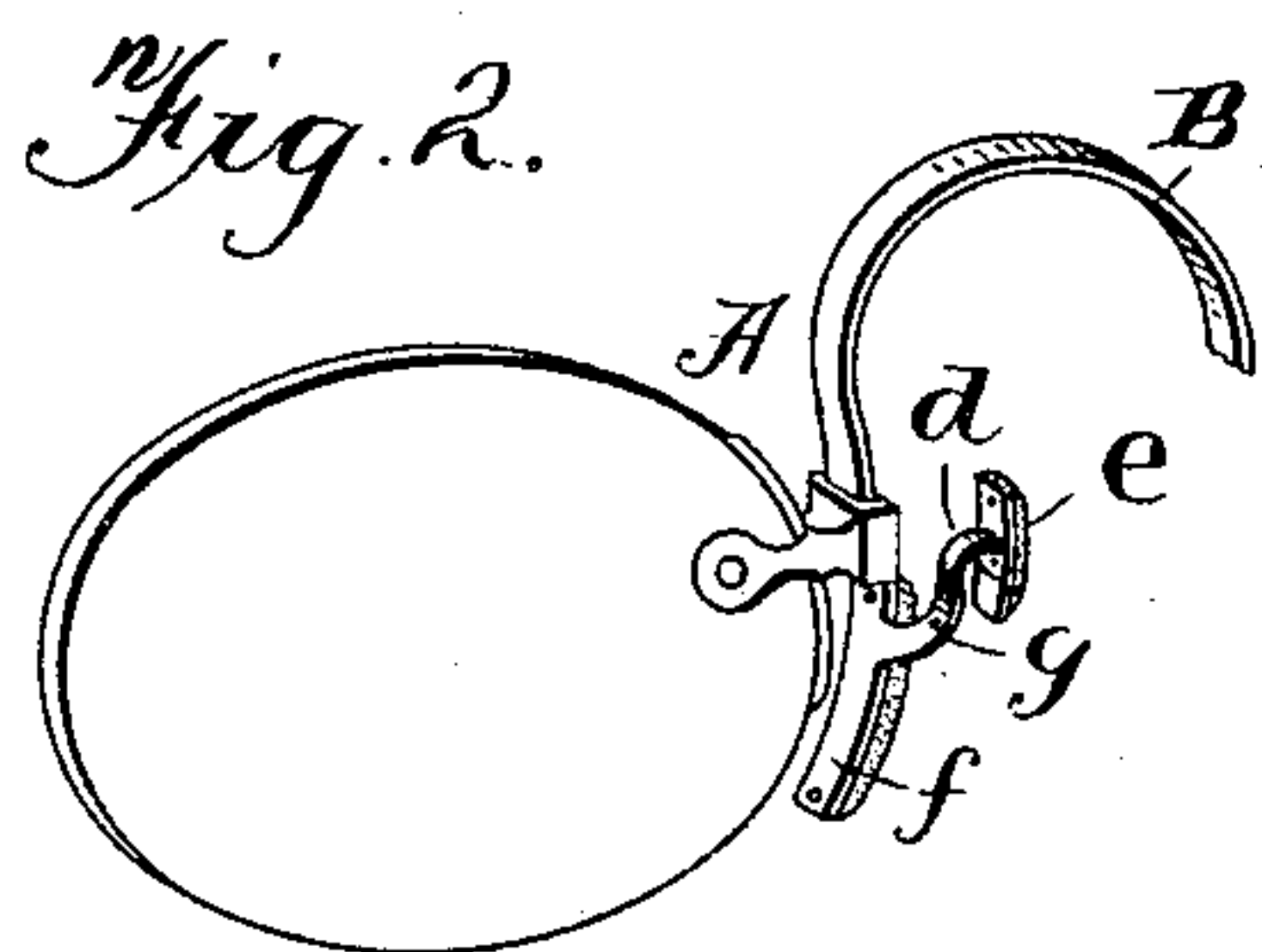
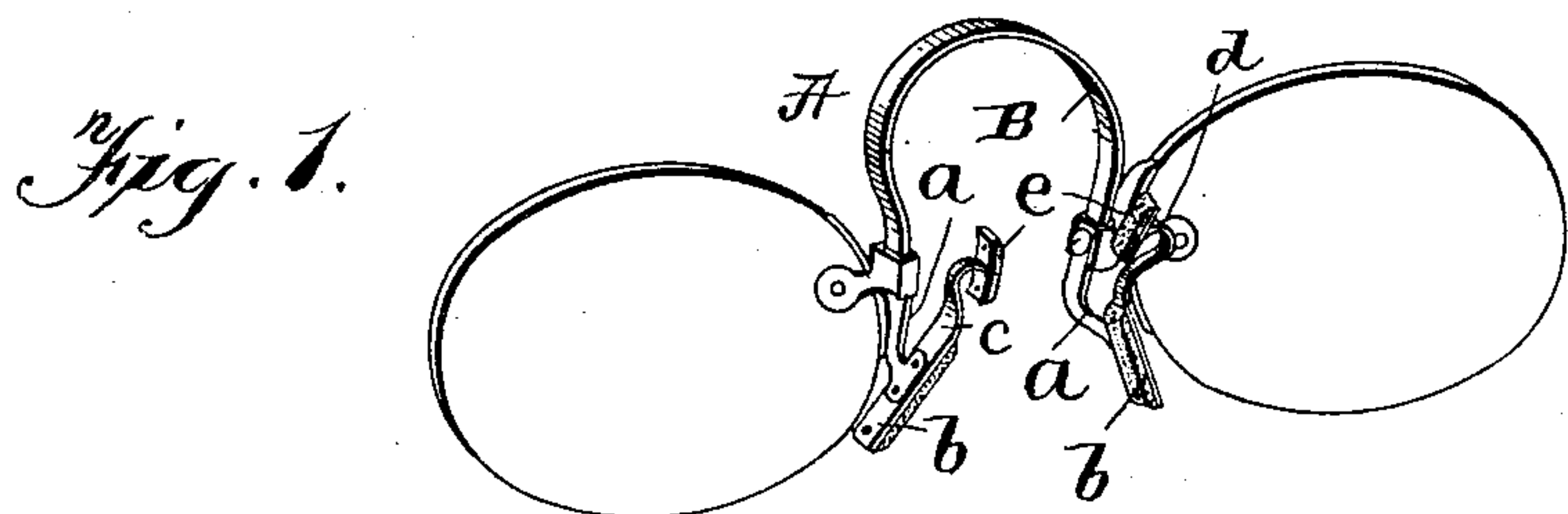
**Patented Sept. 19, 1899.**

**H. L. KING.**

**NOSE GUARD FOR EYEGLASSES.**

(Application filed Jan. 3, 1899.)

(No Model.)



*WITNESSES*

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# UNITED STATES PATENT OFFICE.

HARRY L. KING, OF SPOKANE, WASHINGTON.

## NOSE-GUARD FOR EYEGLASSES.

SPECIFICATION forming part of Letters Patent No. 633,382, dated September 19, 1899.

Application filed January 3, 1899. Serial No. 701,017. (No model.)

*To all whom it may concern:*

Be it known that I, HARRY L. KING, a citizen of the United States, residing at Spokane, in the county of Spokane and State of Washington, have invented new and useful Improvements in Nose-Guards for Eyeglasses, of which the following is a specification.

My invention relates to improvements in nose-guards for eyeglasses, and pertains to that class of nose-guards in which two independent bearing-points are provided, all of which will be fully described hereinafter, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective of an eyeglass with my improved nose-guard applied thereto, the additional point of contact or pad being shown in a line with the main portion of the guard. Fig. 2 is a similar view of a pair of eyeglasses with my improved nose-guard applied thereto, the additional point of contact or pad being shown out of line with the main portion of the guard. Fig. 3 is an enlarged perspective view of the improved nose-guard shown in Fig. 1 detached from the eyeglasses. Fig. 4 is a similar view of the guard shown in Fig. 2. Fig. 5 shows side views of the guard shown in Fig. 1, illustrating the adjustment of the pad nearer to or farther from the main portion of the body-guard by extending or contracting the bend in its supporting-arm. Fig. 6 is a side view of the guard detached, showing how the angle may be changed by simply bending outward the point of attachment of the arm to the pad. Fig. 7 illustrates face views of the guard detached, showing the angle adjustments by a slight twist of the supporting-arm. Fig. 8 illustrates face views showing other angles and positions into which the pad is adapted to be placed owing to the curvature of the arm and its reduced size. Fig. 9 is a view showing my curved arm for supporting the pad attached to or carried by a spring which is carried by the main guard. Fig. 10 is a perspective view of Fig. 9.

My invention is intended to supply an existing need for two distinct forms of nose-guards for a single pair of eyeglasses, one form having a lower main guard and an extra upper auxiliary guard or pad, the latter admitting of adjustment independent of the former, thus making two distinct points of con-

tact, and another form which consists of a continuous elongated guard, thus producing a guard with a single point of contact. By my arrangement of the main and auxiliary guards or pads, as hereinafter shown and described, I am enabled to supply these two forms of guards to each pair of glasses.

Referring now to the drawings, A represents the lenses, and B the spring uniting them, both or either of which may be of the usual form or any desired construction.

Referring now particularly to the form of my invention as illustrated in Fig. 1, wherein the nose-guard is supported in a line with the main portion of the guard, *a* is an arm which is connected in any desired manner to the lens-frame or to the spring and to which the main portion *b* of the nose-guard is connected in any desired manner. This arm *a* is constructed of non-resilient metal and is of a reduced size, whereby it can be readily bent by means of a suitable instrument, such as a pair of pliers, and thus regulate the position and angle of the main portion *b* of the nose-guard. This arm *a* will be connected with the main portion *b* of the nose-guard by riveting, soldering, by screws, or in any other desired manner.

Projecting from the main nose-guard, and as shown in that form of my invention illustrated in Fig. 1, the arm *c* extends in a line with the main portion or body of the guard, though this relative position may be varied, as will be hereinafter described. Connected to the outer and free end of this arm *c* is an additional point of contact of the nose-guard, which may aptly be termed a "pad" for the purpose of distinguishing it from the main nose-guard. Attention is directed to the fact that the extremity of this arm *c* is preferably united to the back of the pad at a point intermediate its ends, whereby the guard can be tilted at various angles, one angle being shown in Fig. 6. This pad-supporting arm is provided with a curved portion *d*, which lies directly behind or outside of the pad, and the pad is attached to the outer extremity of the curve. This specific construction permits the insertion of the nose of a pair of pliers upon the metal and affords the only practical way for an optician to adjust the angle and relative position of the pad to the main



guard *b* to any of the positions hereinafter shown. Owing to the fact that the curved arm *d* can be bent in any desired position the pad *e* can be carried to the position shown at the right of Fig. 5, which produces a continuous elongated surface which is one form of guard found desirable to fit some forms of noses, while at the same time the pad can be moved away from the main guard, as illustrated in the other figures of the drawings, thus providing the other form of guard found desirable for other forms of noses.

In Figs. 7 and 8 other angles and adjustments are illustrated into which the pad may be placed. Some of these positions are accomplished from the fact that the supporting-arm of the pad is attached thereto at a point intermediate the ends thereof and others owing to the curve in the arm and the fact that it is reduced, which enables the supporting-arm to be slightly twisted. It will be readily understood, as hereinbefore stated, that other and almost numberless angles and adjustments can be given the said pad owing to the construction of the supporting-arm and its point of attachment to the nose-pad.

Referring now to Fig. 4, which shows a modification of my invention, the pad *e* is supported out of line with the main portion *f* of the guard through the medium of a laterally-extending arm *g*. This arm *g* is similarly constructed to the pad-supporting arm in Fig. 1 with the exception that it projects laterally from the main guard and is curved for that purpose. The adjustments of the pad in this form are accomplished in a similar manner to the adjustments of the pad when supported upon an arm such as that illustrated in Fig. 1, though owing to the fact that in this modification the pad is out of line with the main nose-guard other relative positions and adjustments of the pad to the main guard can be accomplished than those which can be accomplished when the pad is supported in a line with the nose-guard.

It will be understood that the main guard and the pad may have their inner faces covered with any desired material, as is usual. It will also be noted that the curve or bend in the pad-supporting arm and its reduced portion, in addition to enabling the pad to be

adjusted, at the same time provides a support for the pad which is to some extent yielding and to such extent affords a spring-support for the pad.

In some instances my curved pad-supporting arm may be attached to, made integral with, or in any manner carried by a spring-arm *m*. As here shown, in this instance the main nose-guard has attached to its back a flexible spring plate or arm *m* at its lower end by a rivet, soldering, or other desired manner, and the upper end of the plate which carries the main nose-guard is turned rearward and provided with a slot *r*, through which the spring-arm extends, thus forming a support and a guide for the spring-arm. I here show my curved arm as a part of the said spring-arm, though it may be separate therefrom and attached thereto in any desired manner, as will be readily understood.

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

1. An improved nose-guard for eyeglasses consisting of a lower rigid elongated bearing-arm *b* said arm carrying and supporting a curved pliable arm *d* extending upward therefrom and having its end in a plane above the upper end of said rigid arm, and an elongated auxiliary pad attached to the end of the said curved pliable arm and in a plane above the rigid arm, whereby the auxiliary pad can be adjusted in relation to the lower rigid arm, substantially as described.

2. An improved nose-guard for eyeglasses consisting of a lower upwardly-extending rigid pad-bearing arm *b*, an outwardly-curved pliable arm *d* and an auxiliary elongated pad attached at a point intermediate its end to the end of the curved arm, the auxiliary pad being above and in a line with the lower pad, whereby the auxiliary pad can be adjusted in respect to the lower rigid pad as and for the purpose described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

HARRY L. KING.

Witnesses:

L. F. CLOUGH,  
JOHN M. SEMPLE.