

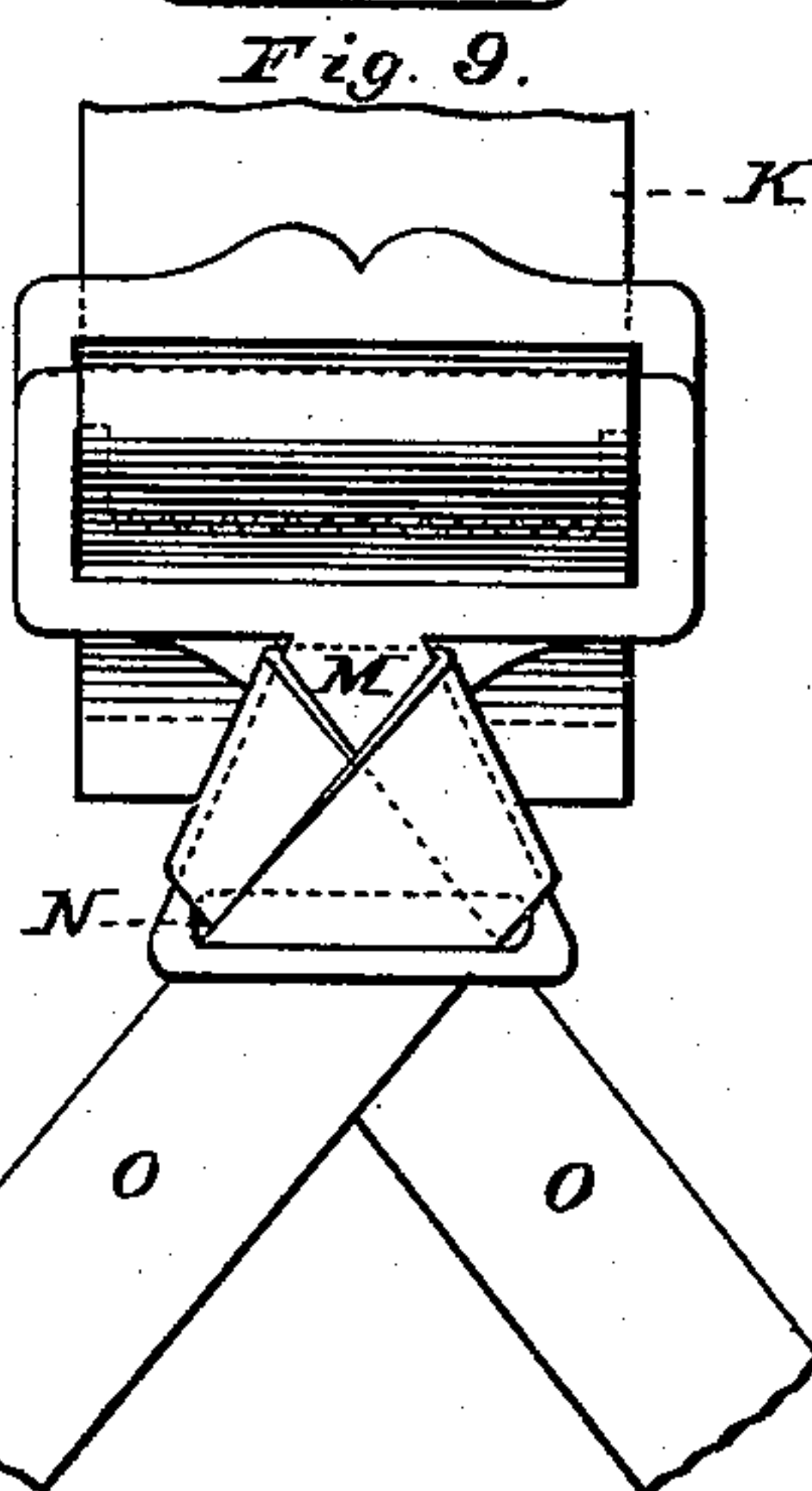
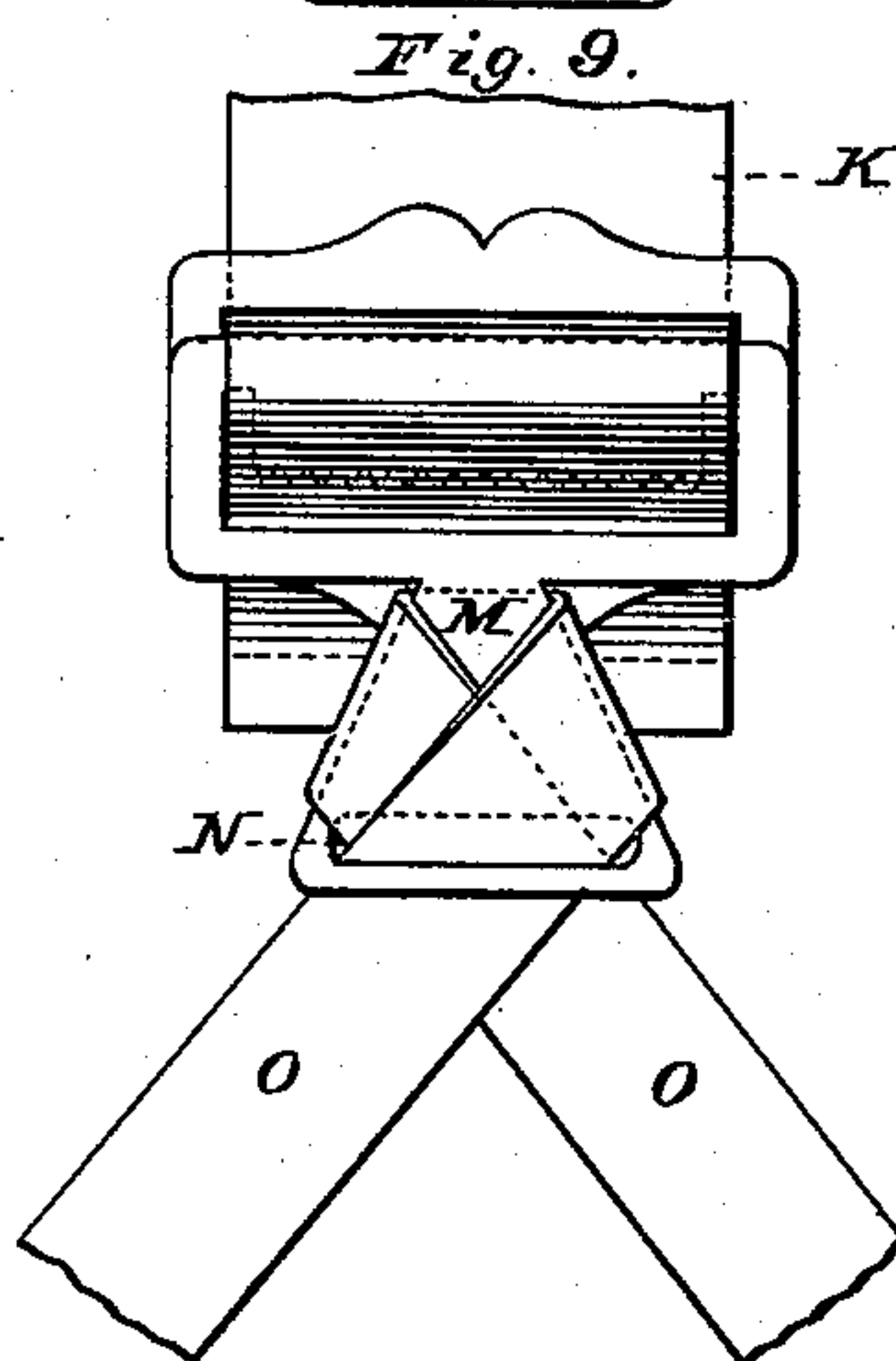
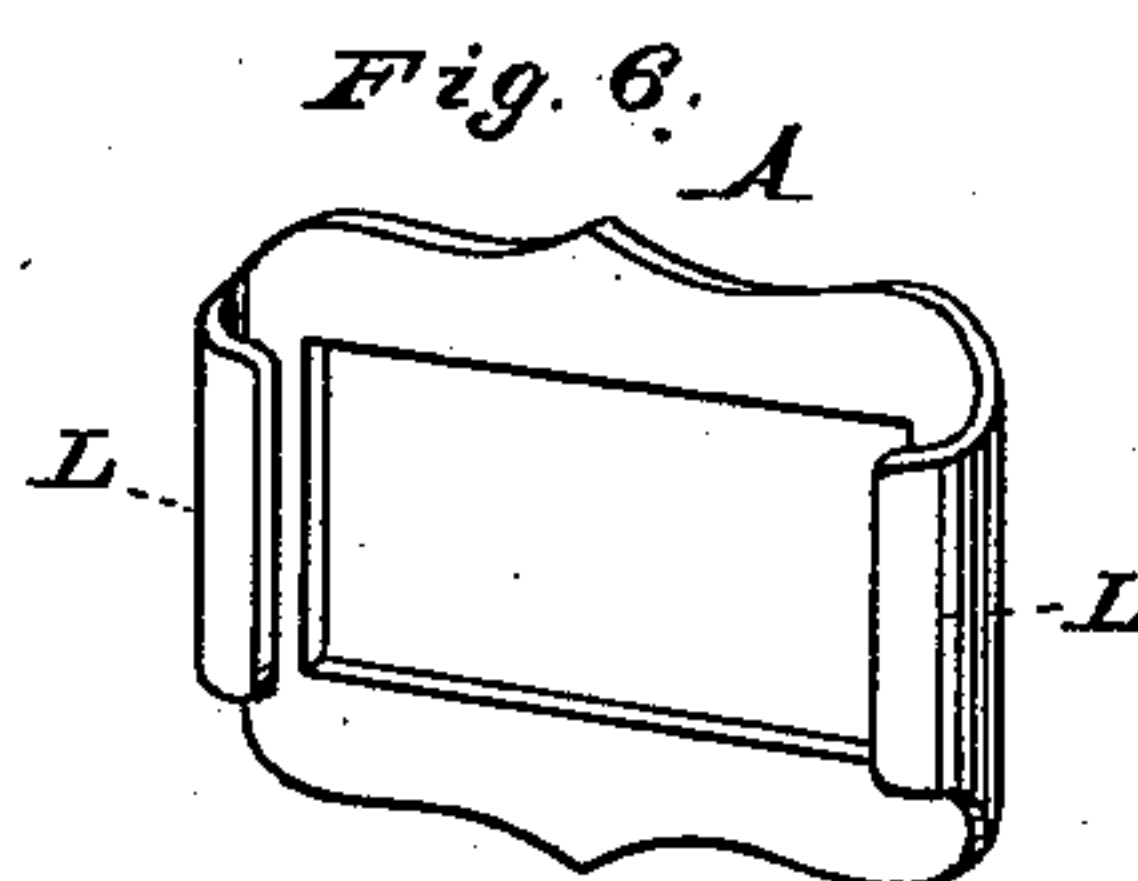
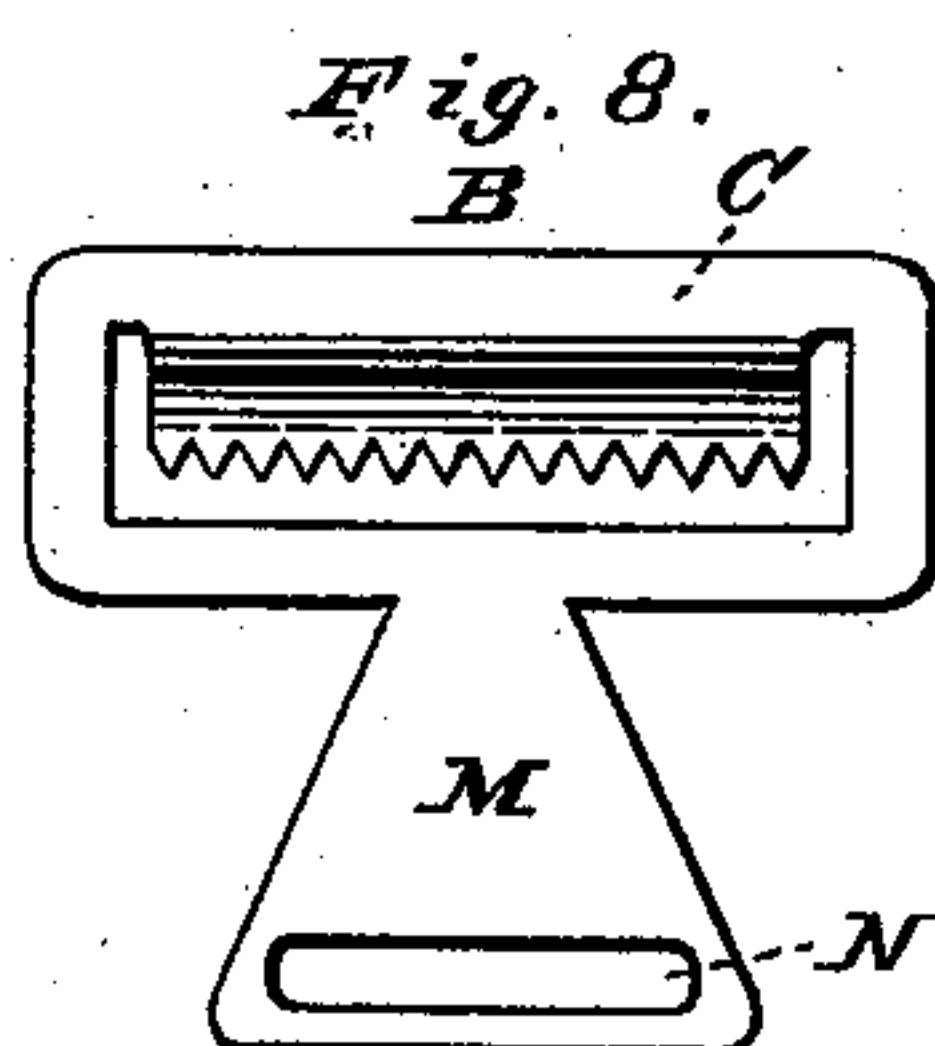
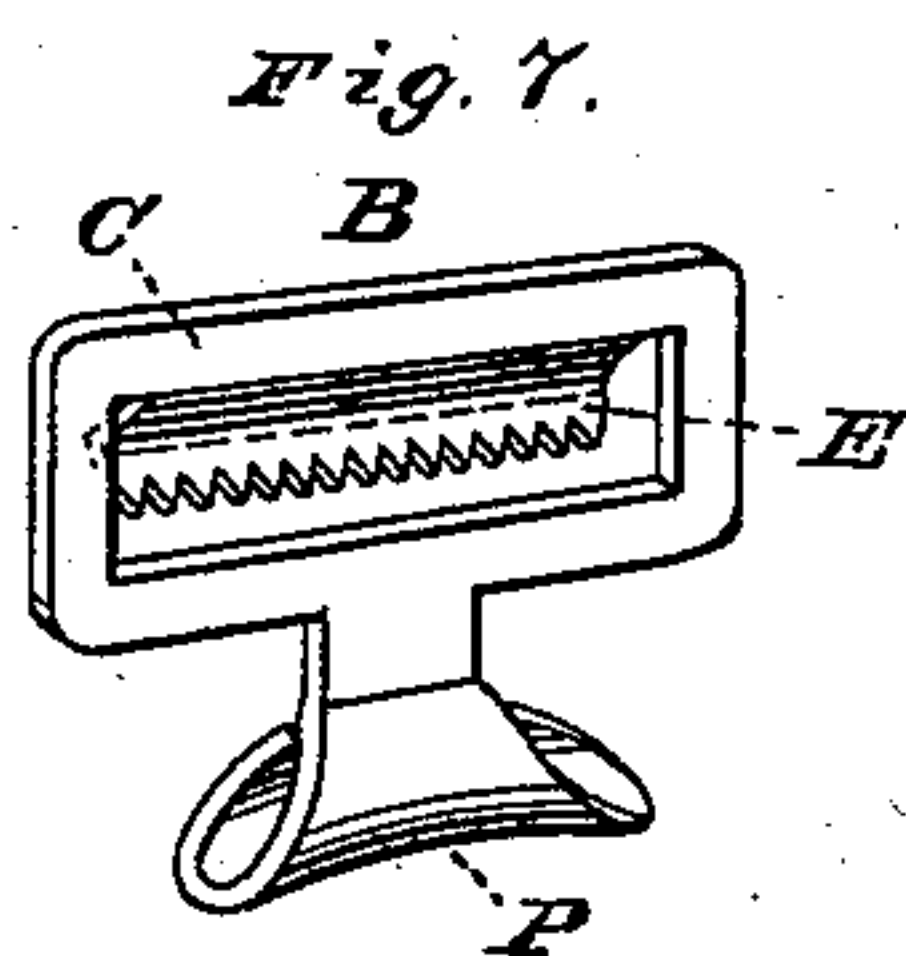
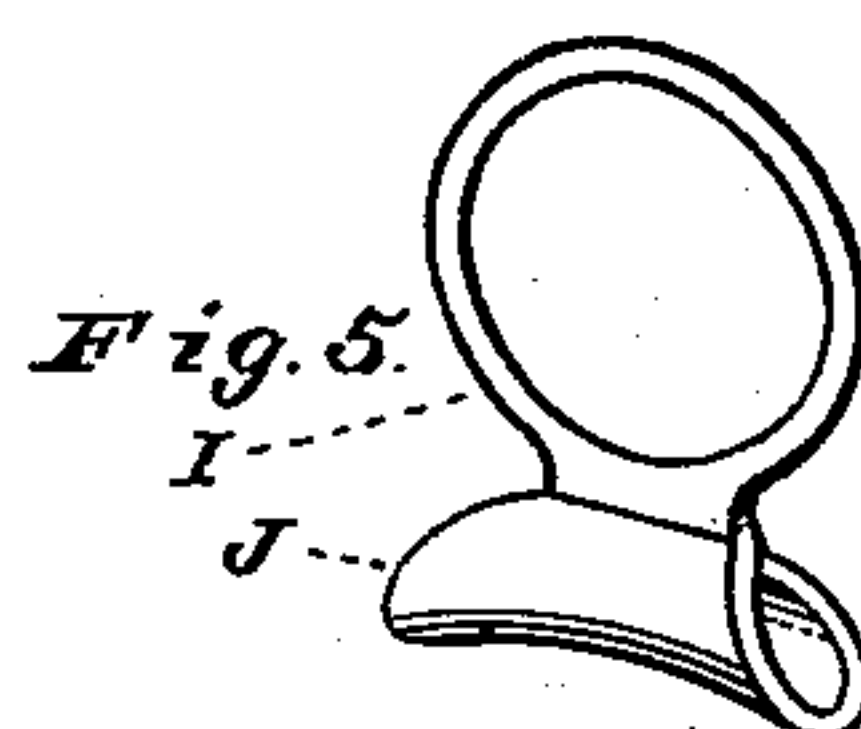
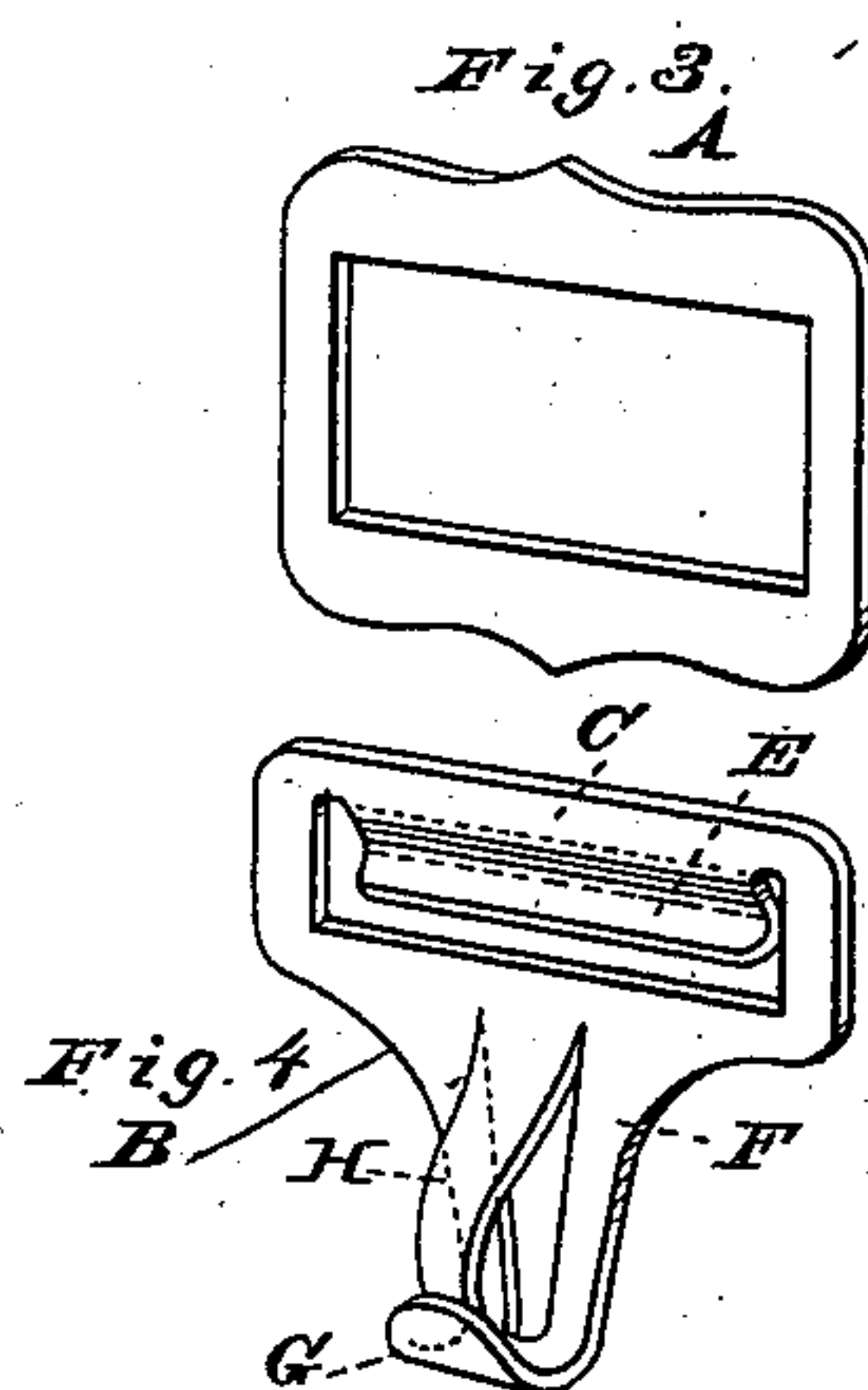
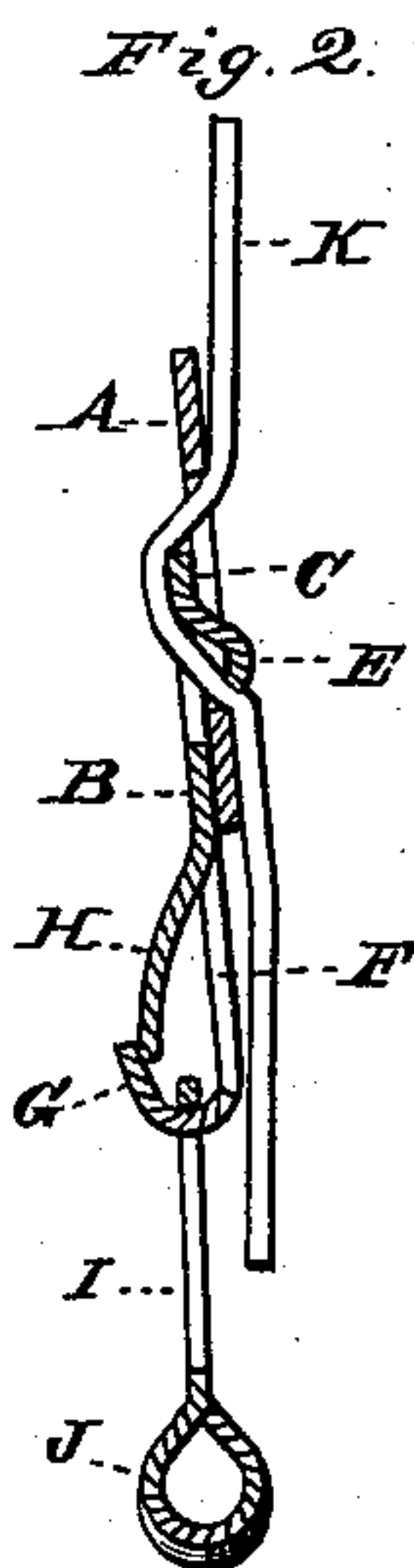
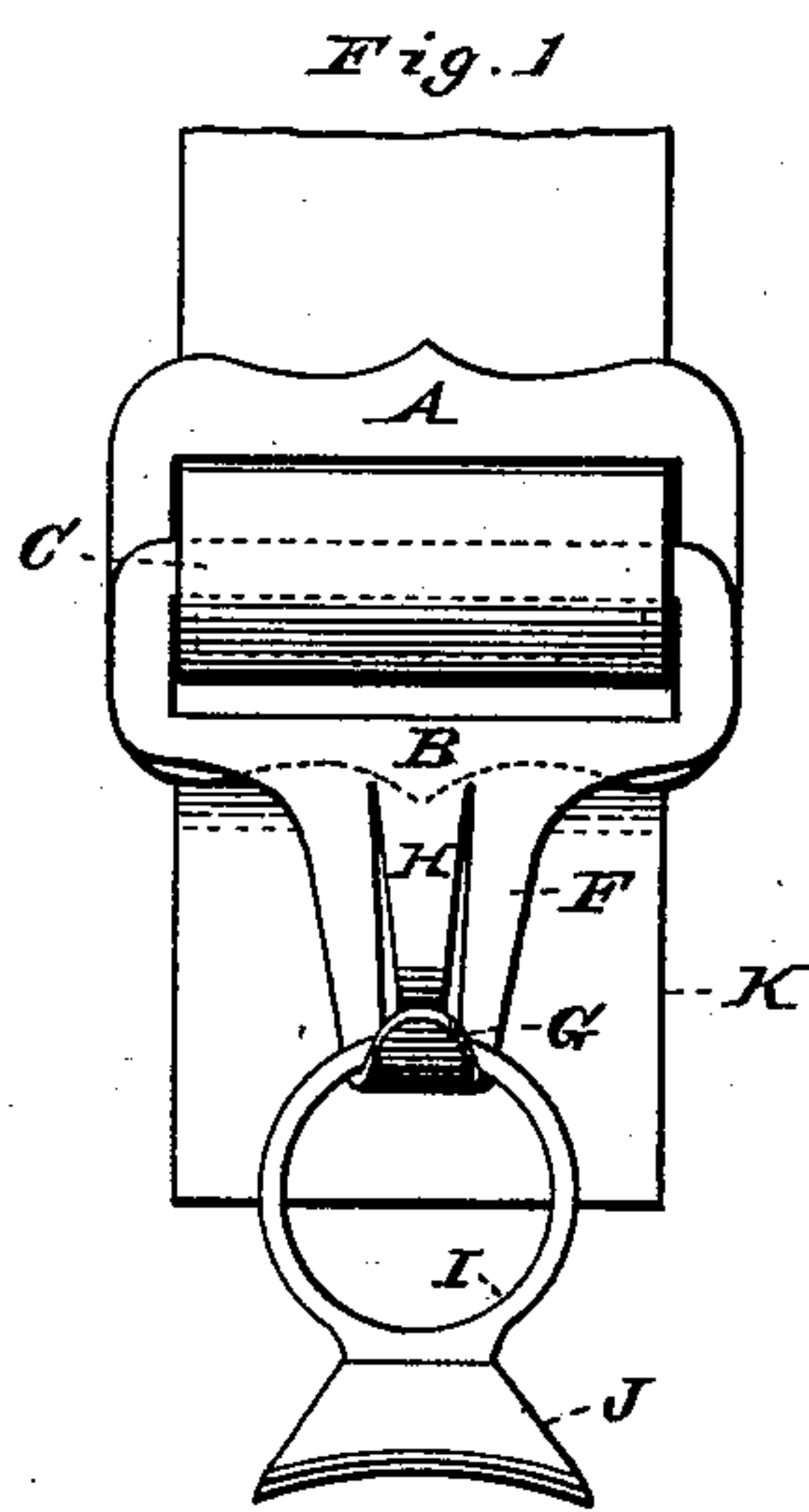
(No Model.)

J. H. DONAHUE.

BUCKLE.

No. 363,992.

Patented May 31, 1887.



WITNESSES
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UNITED STATES PATENT OFFICE.

JAMES HENRY DONAHUE, OF SWANTON, VERMONT.

BUCKLE.

SPECIFICATION forming part of Letters Patent No. 363,992, dated May 31, 1887.

Application filed February 25, 1887. Serial No. 228,847. (No model.)

To all whom it may concern:

Be it known that I, JAMES HENRY DONAHUE, a citizen of the United States, and a resident of Swanton, in the county of Franklin and State of Vermont, have invented certain new and useful Improvements in Buckles; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of this invention and is a front view. Fig. 2 is a vertical section. Figs. 3, 4, and 5 are details of the different parts in perspective. Figs. 6, 7, 8, 9 are modifications.

My invention relates to suspender buckles; and it consists in the construction and novel combination of parts, as hereinafter set forth.

Referring by letter to the accompanying drawings, A designates the main frame or supporting-frame of the buckle, which frame is sometimes struck up from sheet metal, and is sometimes made of wire bent to shape, and is preferably rectangular in form in outline.

B is the clamp or sliding frame which serves to secure and hold the webbing when the latter has been inserted to place. The upper cross-bar, C, of the clamp B, when made of sheet metal, is provided along its lower edge with a rearwardly-curved and downwardly-projecting flange, E, said flange E being in some instances serrated along its lower edge.

I make the lower edge of the flange either plain or serrated, as I may elect. In either case the lower edge of the flange E engages the lower face of the webbing and holds the latter securely in place.

The clamp or auxiliary frame B is provided with a slotted depending hook-arm, F, the hook G of which is turned outwardly and upwardly toward the front, a tongue, H, being struck up or formed out of the material of said frame to form a retaining-spring, the lower end of which bears normally against the inner face of the hook G and serves to hold the ring I and cord-guide J in place. The ring I and cord-

guide J are preferably made from a single piece of metal, but are not necessarily so made, as they may be constructed separately. In this buckle the clamp or auxiliary frame B rests on the front face of the main frame A and is held in place by the webbing K, which is passed beneath the upper side bar of the main frame A, thence over the upper side bar, C, of the clamp B, and under the side bar of the main frame A. The greater the strain on the clamp or auxiliary sliding frame the tighter the webbing will be held by the buckle. When the strain has been released, the clamp or sliding frame may be moved upwardly to release its bite or hold on the webbing, at which time the buckle may be shifted on the webbing.

The slotted hook-arm F, I modify without departing from the character of the invention by making said arm triangular in shape in outline, as shown at M in Figs. 8 and 9, and making the slot N parallel with the lower edge of the arm M. The suspender-ends O are formed from a single piece of narrow webbing which is brought into engagement with the rear face of the arm N, the middle portion of the webbing bearing against said rear face, the ends of the webbing being brought forward over the side edges of the arm M and passed back through the slot N and crossed one over the other.

The cord-guide may, if desired, be made integral with the sliding clamp, as shown in Fig. 7.

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

The combination, with the webbing, of the main frame A, provided with a central opening, the clamp B, having the flange E depending from the upper edge of its opening and provided with the triangular extension M, having the transverse slot N, and the button cord or strap O, connected to the extension M, substantially as specified.

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

JAMES HENRY DONAHUE.

Witnesses:

CHARLES L. WARD,
EDWARD T. BRADLEY.