

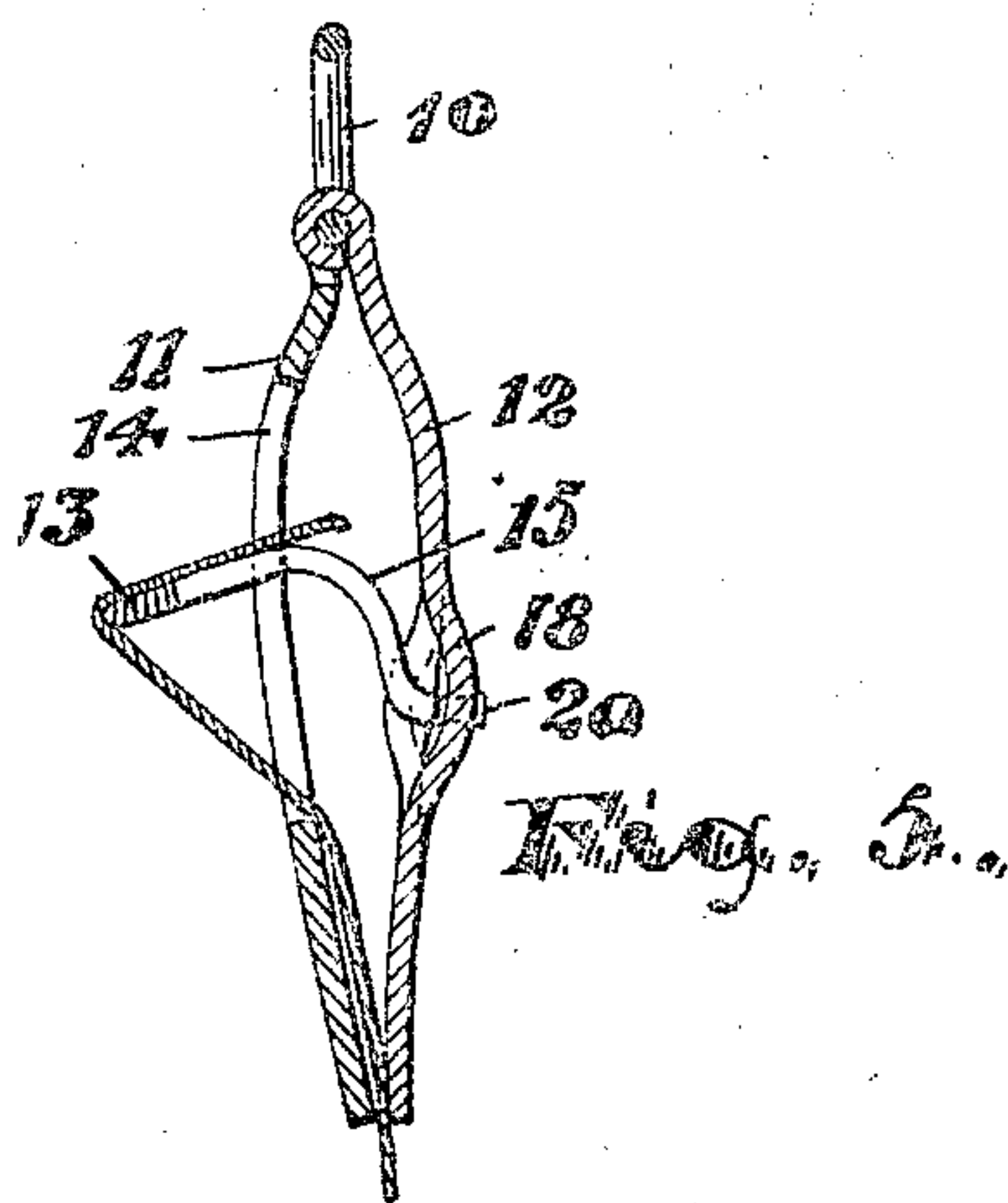
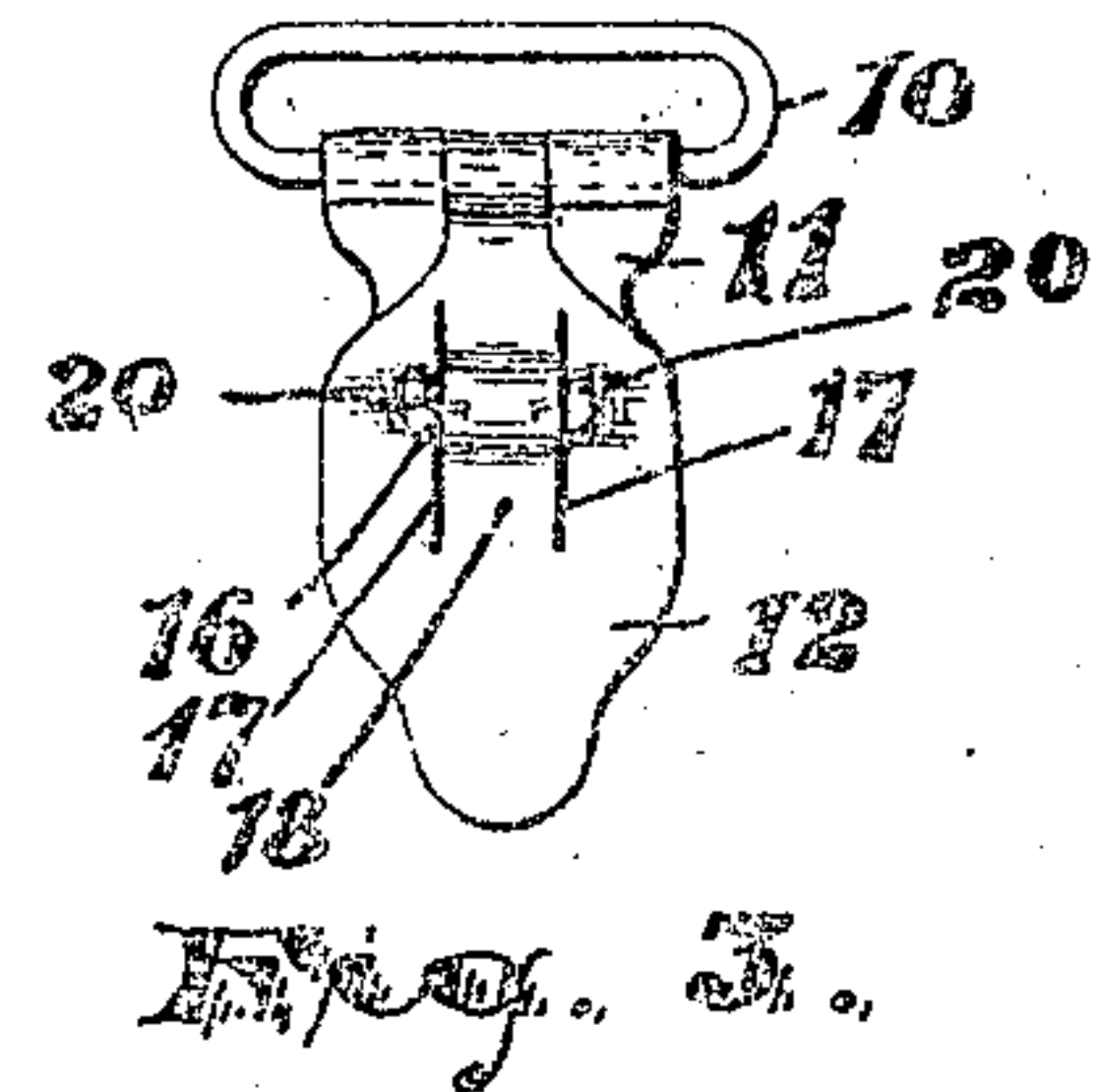
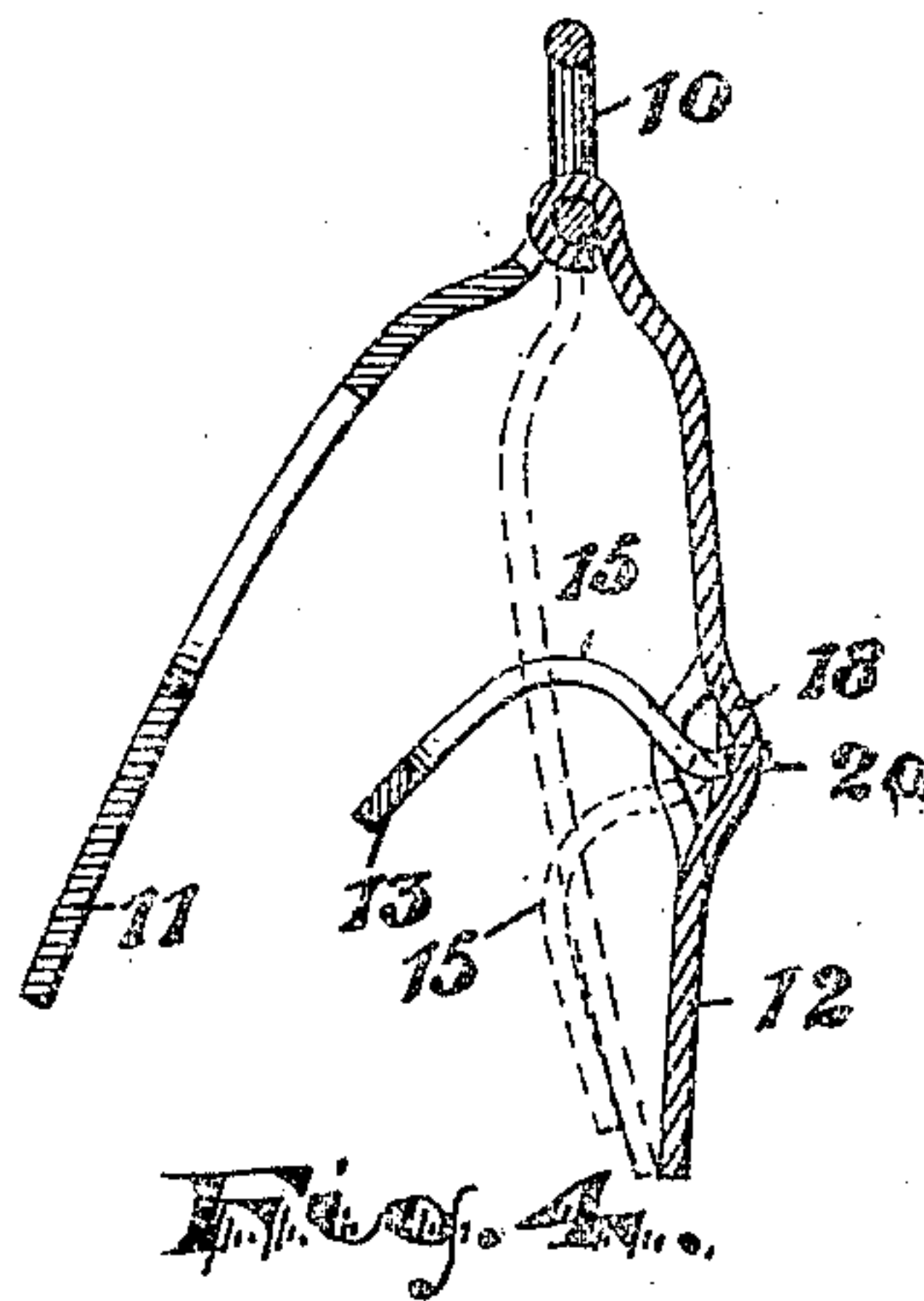
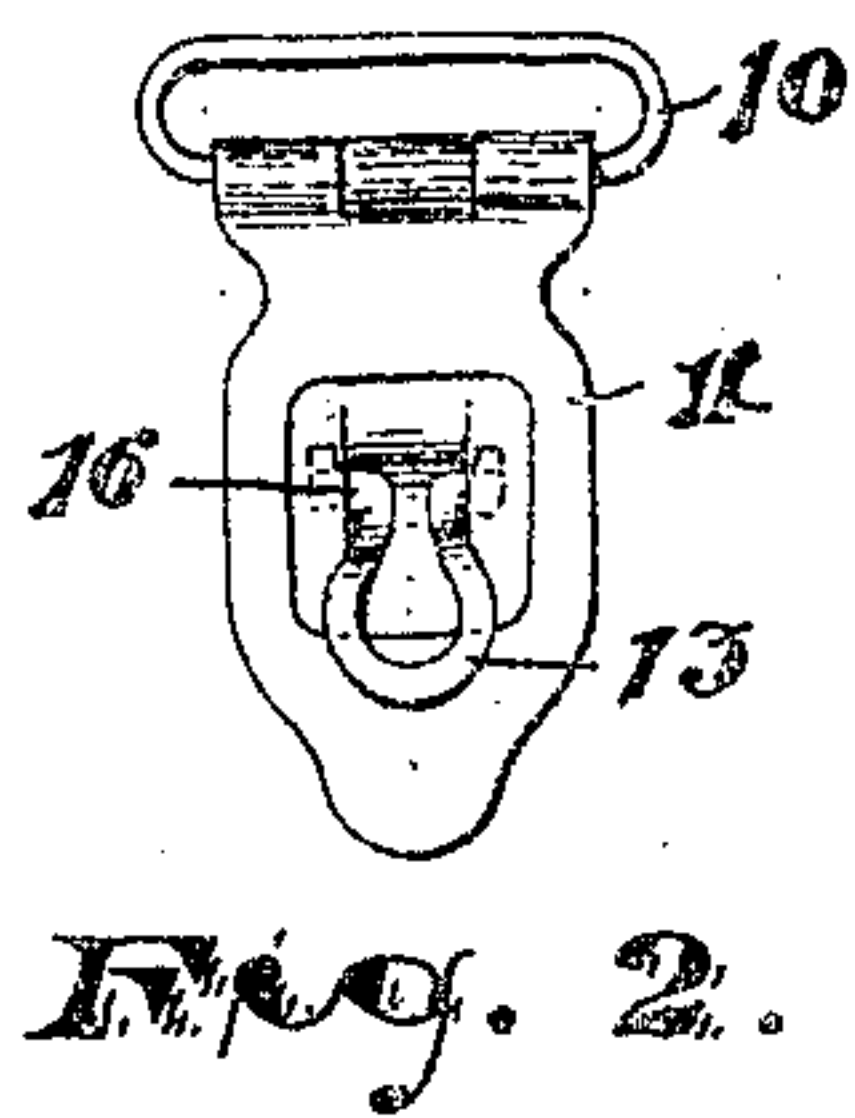
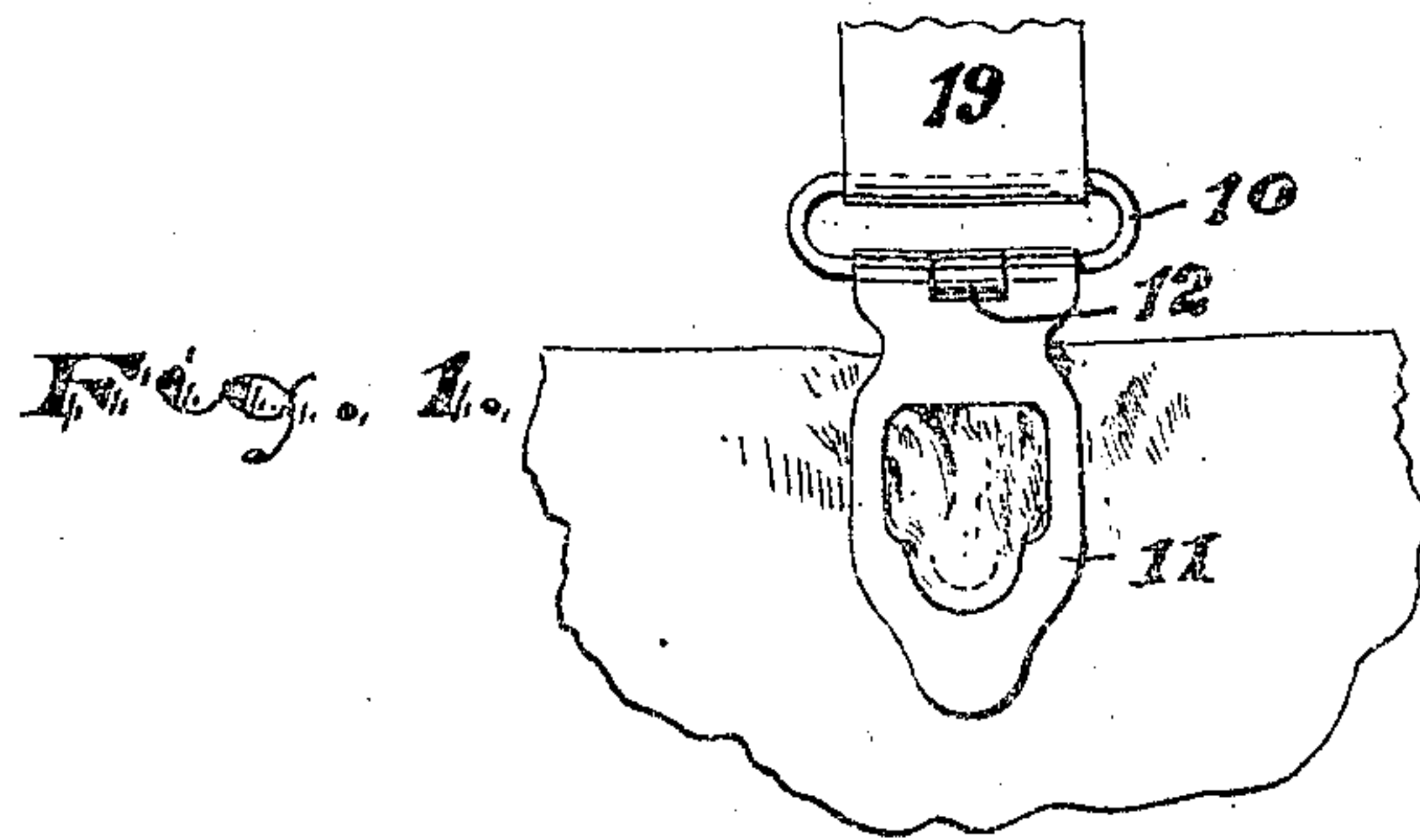
No. 754,347.

PATENTED MAR. 8, 1904.

W. E. RINK.
HOSE SUPPORTER.

APPLICATION FILED NOV. 17, 1903.

NO MODEL.



WITNESSES:

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HOSE-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 754,347, dated March 8, 1904.

Application filed November 17, 1903. Serial No. 121,569. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM E. RINK, a citizen of the United States, residing at Hilton, in the county of Essex and State of New Jersey, have invented and produced a new and original Improvement in Hose-Supporters; and I do hereby 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 figures of reference marked thereon, which form a part of this specification.

The objects of this invention are to enable a hose or stocking to be supported or held in place with greater security, to facilitate the fastening and unfastening of said stocking; to provide a device which will be both simple, convenient, and effective, and to obtain other advantages and results, some of which may be referred to hereinafter in connection with the description of the working parts.

The invention consists in the improved hose-supporter and in the arrangements and combinations of parts of the same, all substantially as will be hereinafter set forth, and finally embraced in the clauses of the claim.

Referring to the accompanying drawings, in which like numerals of reference indicate corresponding parts in each of the several figures, Figure 1 is a front elevation of the improved supporter in connection with a supporting strap or tape of any usual construction and a portion of a hose, half-hose, or similar garment. Fig. 2 is a front elevation of the same detached from the said tape and garment. Fig. 3 is a rear elevation. Fig. 4 is a central vertical section showing the parts open to receive the upper end of the said garment, and Fig. 5 is a view showing the parts partly closed.

In said drawings, 10 indicates a horizontally-oblong strap-ring, to the lower side of which are pivoted the jaws 11 and 12, between which the garment is to be inserted, the lower ends of said jaws being free to open and close, as indicated in Figs. 4 and 5.

The rear jaw 12 at about midway between its upper and lower ends provides bearings

for a pivotal tongue 13, adapted to project forward from said rear plate and extend through an opening 14 in the front plate, as indicated in Fig. 5 and in outline in Fig. 4. Said pivotal tongue 13 is bent downward, as at 15, at a point forward from its pivotal bearings, and thus said tongue at its forward end when the jaws 11 and 12 are pressed together is adapted to lie in front of the lower end of the jaw 11.

The pivotal bearings of the tongue 13 are such as to enable the said tongue to be sustained in its raised position, as in full line of Fig. 4, without the aid of the hand, and to this end said bearings are preferably as shown in detail, the rear or upper end of said tongue being provided with lateral angular pivotal extensions 16, which lie in suitable recesses formed by cutting the metal of the jaw 12 and pressing suitable sockets or recesses therein, so as to prevent free turning of the tongue except when pressed by the hand. The pair of cuts or slits 17 forms a resilient strip 18, which bears on the rear or upper angular end of the tongue to hold the parts in the desired relation, but permit the desired turning, as stated. At the extremities of the angular lateral extensions are rearward stay projections 20, adapted to lie at the opposite edges of the resilient strip 18 to hold the tongue in operative position with greater security. These said projections 20 are particularly useful when the tongue is made of a loop of bent wire, as indicated in Fig. 2.

To operate the invention, the parts being arranged as shown and above described, I first suspend the supporter from a strap or tape 19, Fig. 1, attached to the person in any usual or suitable manner, and after the hose has been drawn upon the foot and leg the upper edge thereof is inserted between the jaws, open, as in Fig. 4, the said hose passing over the forwardly-projecting end of the tongue 13. The jaws are then closed together, the material of the garment being forced with and by the tongue through the perforation or opening 14, after which the tongue, carrying the material with it, is pressed down by the fingers, and thus locked or fastened with great security. Draft on the stocking is taken by

the lower edge of the opening 14 of the front plate and by the sharp biting edge at the extremity of the tongue and to some extent by the rounding 15, over which the stocking or fabric supported is stretched, as indicated in Fig. 1, the downdraft of said fabric tending to hold the tongue 13 in lower position, so that the fabric is securely fastened, and distributing the strain on the fabric, so that the latter will not be quickly worn or cut. The biting edge of the opening and the biting extremity of the tongue are directly opposed in substantially the same vertical plane when closed together, and thus securely hold the fabric.

Having thus described the invention, what I claim as new is—

1. In a hose-supporter, the combination of two jaws pivoted together, one of which is provided with an opening and the other provided with a pivoted tongue adapted to extend through the opening of the jaw and be turned down after insertion in said opening and means for yieldingly holding said tongue in fixed relation to the jaw to which it is pivoted substantially as set forth.

2. In a hose-supporter, the combination of two jaws one of which is provided with an opening and the other of which is provided with a pivotal tongue adapted to extend through the opening of the open jaw, and a resilient strip or part adapted to press on said tongue and hold it in position preliminary to its passage through said opening, substantially as set forth.

3. In a hose-supporter, the combination of two jaws one of which is provided with an opening and the other of which is provided with a downwardly-curved pivotal tongue adapted to extend through the opening of the open jaw, and a resilient strip or part adapted to press on said tongue and hold it in position preliminary to its passage through said opening, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 28th day of October, 1903.

WILLIAM E. RINK.

Witnesses:

CHARLES H. PELL,
RUSSELL M. EVERETT.