

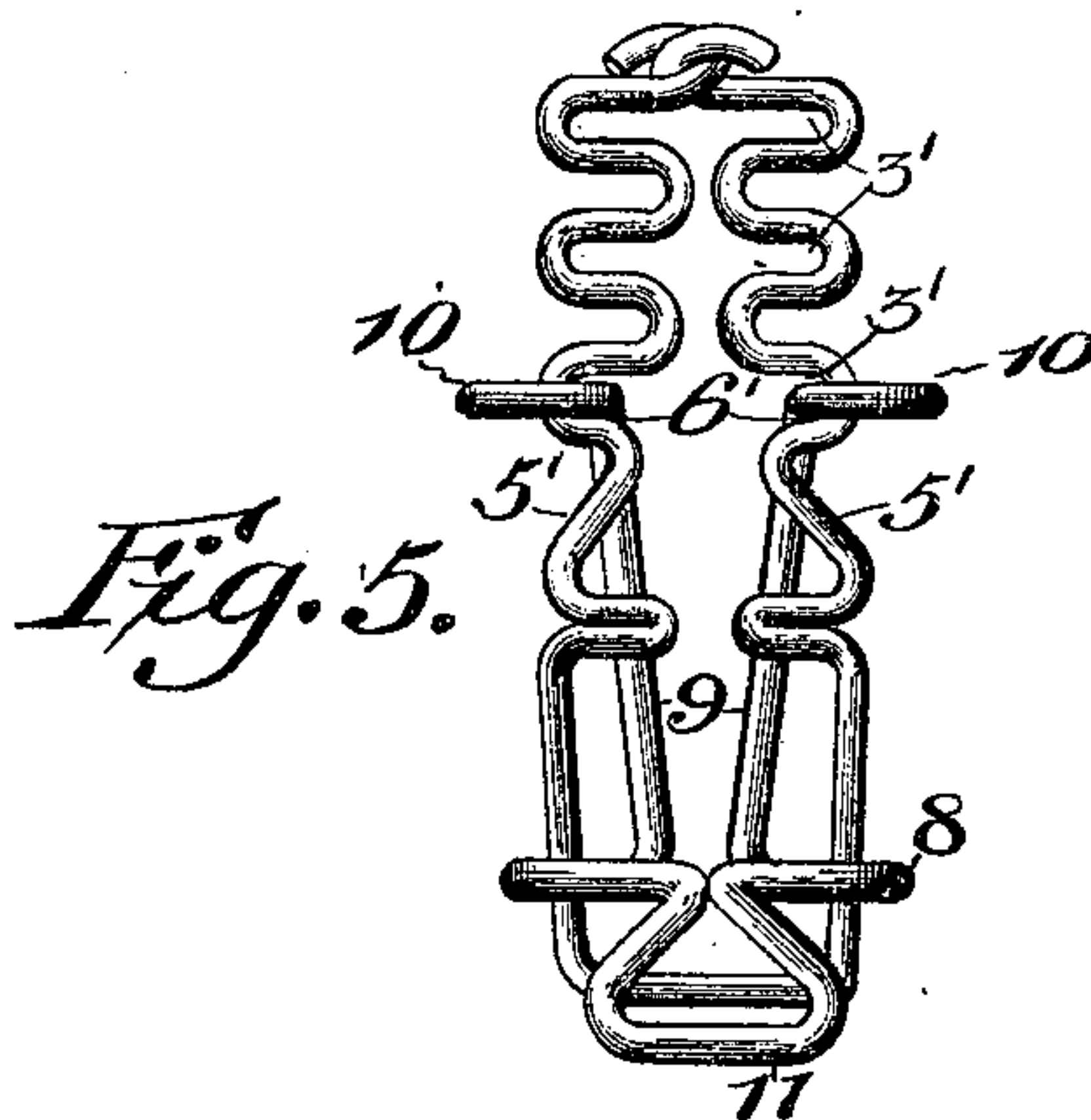
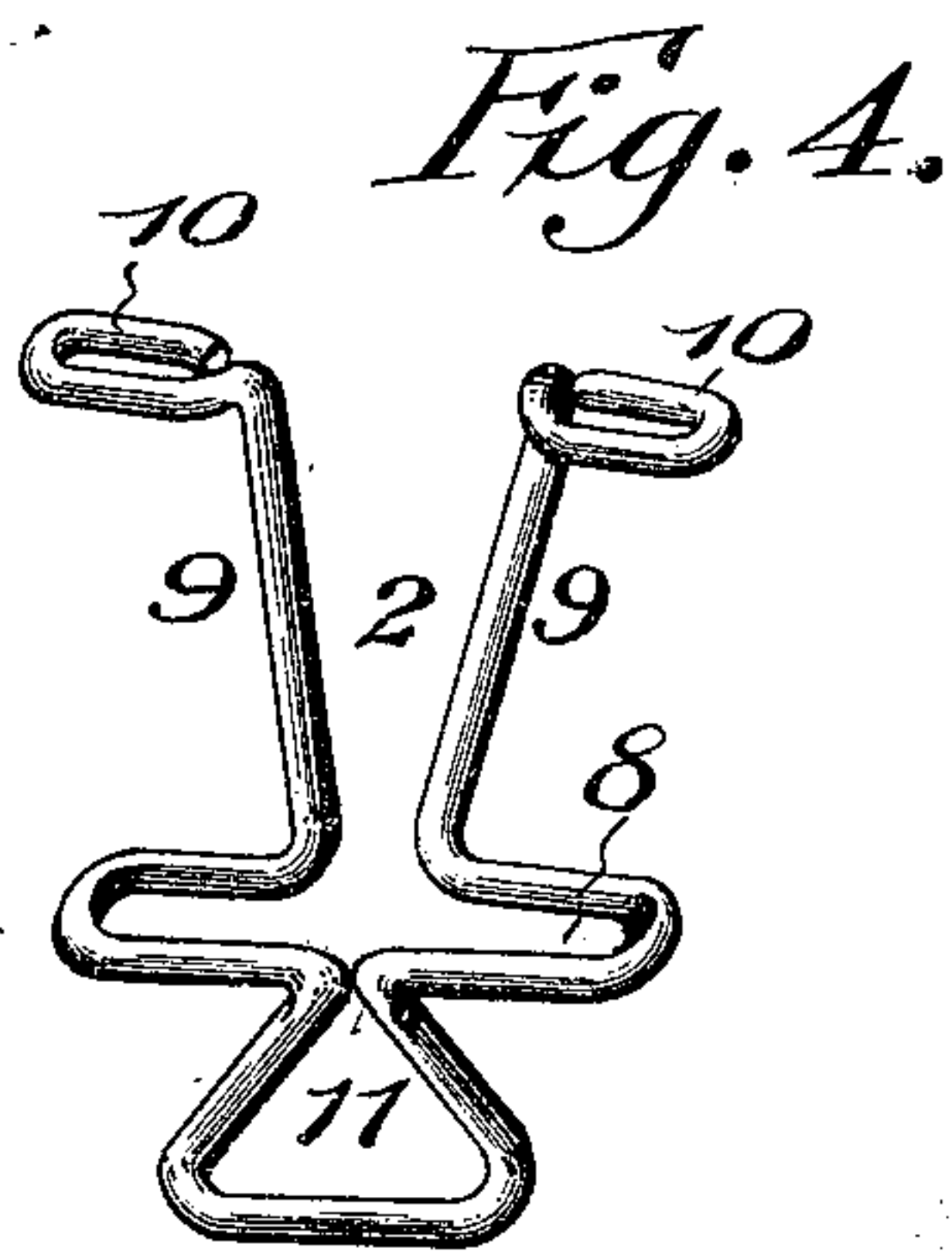
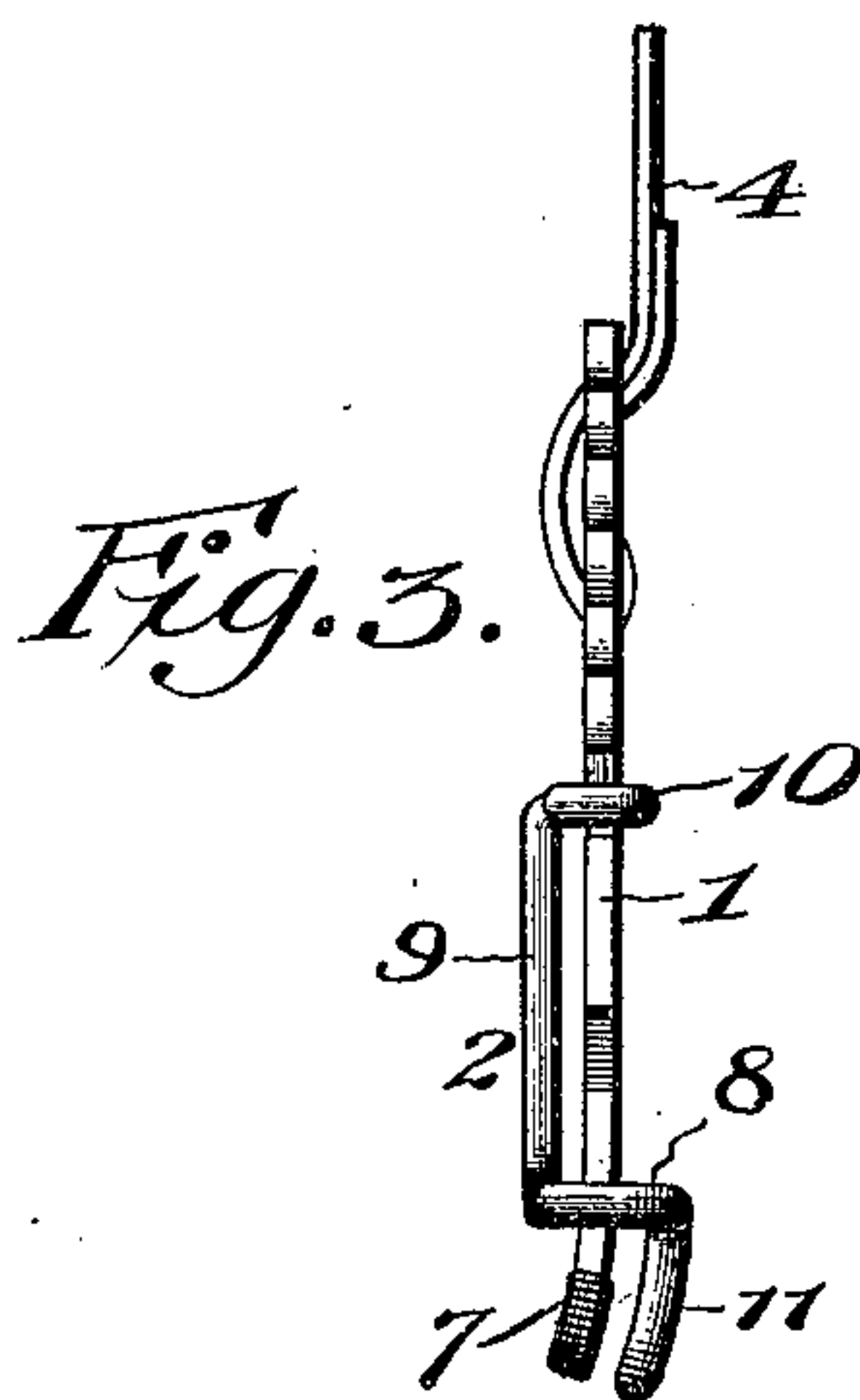
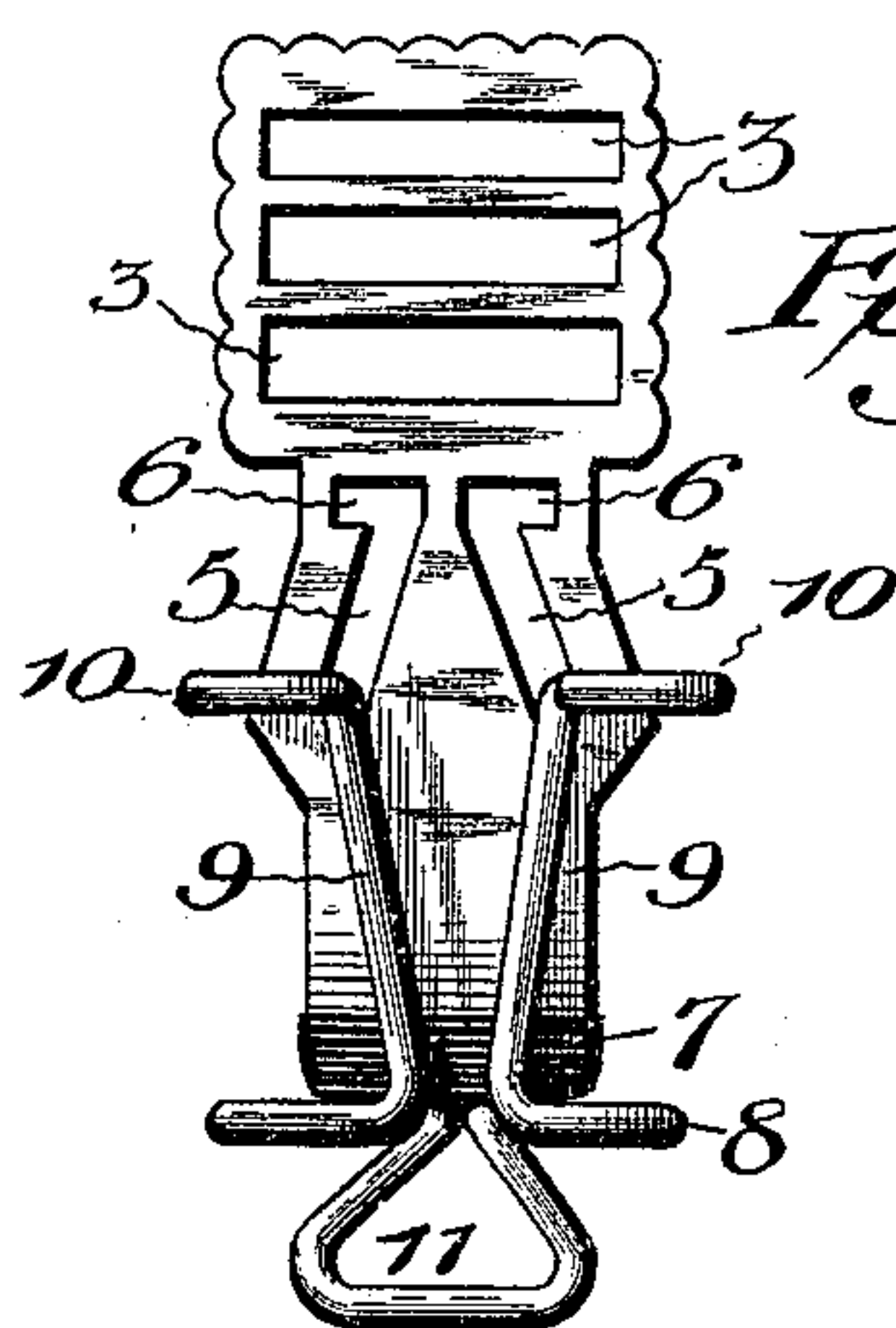
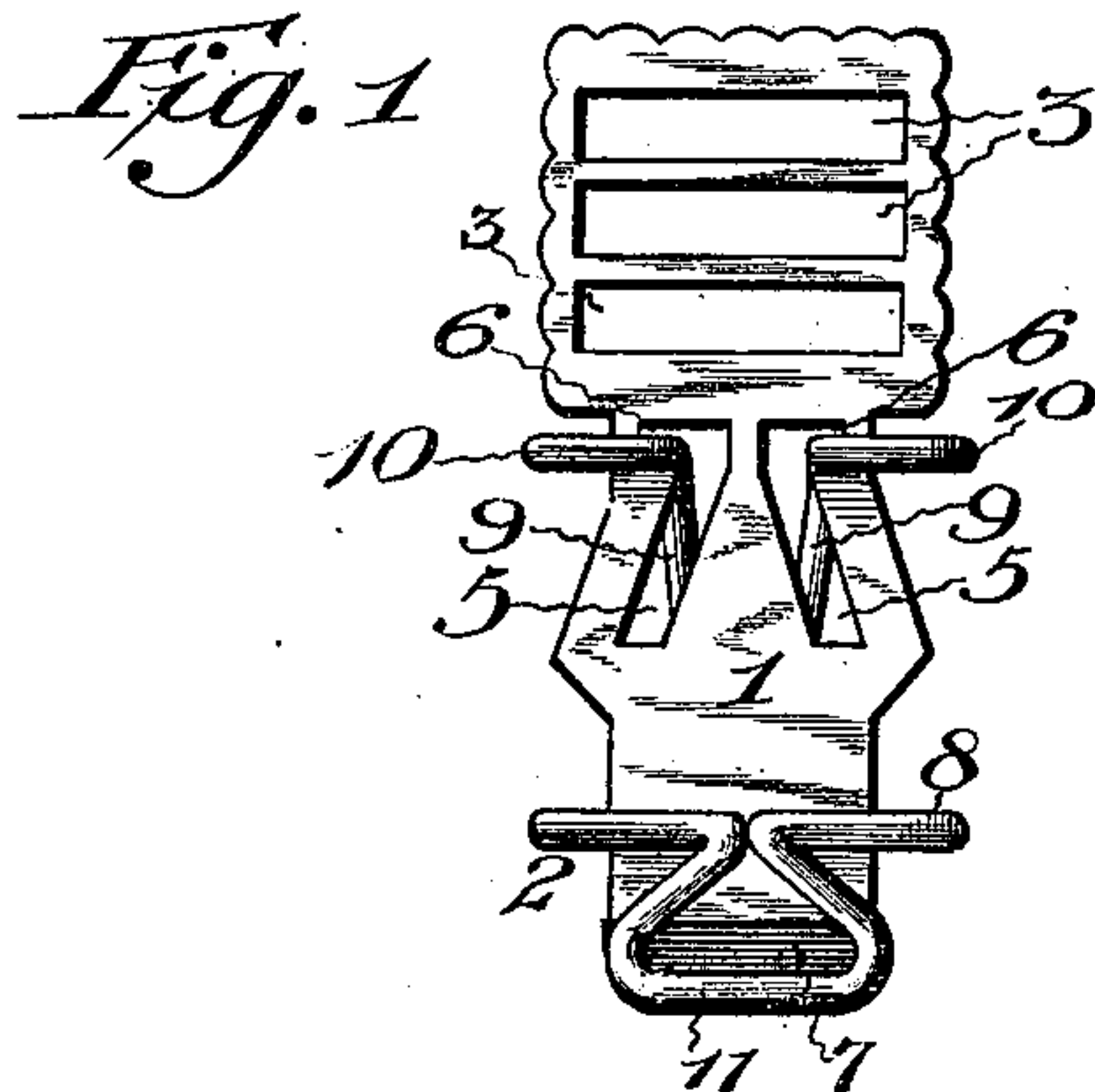
No. 631,659.

Patented Aug. 22, 1899.

B. F. OREWILER.  
HOSE SUPPORTER.

(Application filed May 12, 1898.)

(No Model.)



Witnesses

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# UNITED STATES PATENT OFFICE.

BENJAMIN F. OREWILER, OF SHELBY, OHIO, ASSIGNOR OF ONE-THIRD TO  
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## HOSE-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 631,659, dated August 22, 1899.

Application filed May 12, 1898. Serial No. 680,484. (No model.)

*To all whom it may concern:*

Be it known that I, BENJAMIN F. OREWILER, a citizen of the United States, residing at Shelby, in the county of Richland and State of Ohio, have invented a new and useful Hose-Supporter, of which the following is a specification.

This invention has for its object to provide a fastener of the type particularly designed for use in connection with garments and hosiery for supporting them, said fastener involving a simple and effective construction, and which will present a flat effect, so as to preclude the possibility of injury to the person, especially when used in connection with hosiery, and which will be free from projecting parts, which occasion undue wear upon the garments and catch and tear laces and trimmings when used in connection with ladies' and misses' wearing-apparel.

For a full understanding of the merits and advantages of the invention reference is to be had to the accompanying drawings and the following description.

The improvement is susceptible of various changes in the form, proportion, and the minor details of construction without departing from the principle or sacrificing any of the advantages thereof, and to a full disclosure of the invention an adaptation thereof is shown in the accompanying drawings, in which—

Figure 1 is a rear view of the supporter, showing the relation of the parts as they appear when in engagement with the article to be supported. Fig. 2 is a front view showing the disposition of the parts when the clamp is moved outward with reference to the main or body portion of the fastener. Fig. 3 is an edge view showing the parts related as they appear in Fig. 1, the elastic web or tape being shown attached to the main part. Fig. 4 is a detail perspective view of the clamp or slidable member. Fig. 5 is a plan view of a modification, showing the body portion of the fastener constructed of spring-wire.

Corresponding and like parts are referred to in the following description and indicated

in the views of the drawings by the same reference characters.

The fastener or supporter is composed, essentially, of two parts, a body portion 1 and a clamp 2, the latter being slidable upon the main or body portion. The main portion of the fastener is a plate or frame and is provided at one end with a series of slots 3, disposed in parallel relation and extending transversely of the body portion and adapted to receive the end portion of the tape or elastic webbing 4, which is passed through the extreme or end slots, thence back through the middle slot, and out through the outer slot 3, thereby securing the tape to the fastener without requiring stitching or other securing means. The opposite end of the body portion is formed with rounding corners, so as to obviate injurious contact with the material of the garment or hose engaged by means of the supporter. Oppositely-inclined slots 5 are formed in the body portion of the fastener at an intermediate point and communicate at their converging ends with outwardly-extending slots 6, which latter result in the formation of shoulders which engage with the spring-arms of the clamp and hold the latter when moved inward with reference to the body portion of the fastener. The slots 5 constitute, in effect, inclined guideways upon which ride the free ends of the spring-arms forming a part of the clamp. The lower or free end of the body portion is clothed or tipped with rubber or fabric 7, so as to protect the material of the wearing-apparel from injury when the fastener is applied thereto. The same result can be accomplished by thickening the terminal portion of the member 1, as will be readily understood. The end portion of the part 1 is bent, as indicated most clearly in Fig. 3, so as to enable it to be easily engaged with the eye or loop 8 of the clamp.

The clamp is constructed of spring-wire, bent into the form substantially as shown, and consists of a loop 8, spring-arms 9, elongated eyes 10 at the free ends of the spring-arms 9, a



terminal eye 11, forming a finger-grip, and a shoe for the fastener to glide upon when fitting it to hosiery or wearing-apparel. The terminal eye 11 is bent so as to incline at its outer end toward the plane of the spring-arms 9, whereby it is best adapted to ride upon the material of the wearing-apparel when placing the supporter in position for effective service. The loop 8 extends at right angles to the plane of the spring-arms 9 and is of a length and width to receive the active end of the body portion 1 and the material of the wearing-apparel to be gripped. The eyes 10 aline and are in a plane parallel with the plane of the loop 8 and cooperate with the inclined guideways 5, so as to compress the spring-arms at their free ends when sliding the clamp 2 upon the body portion of the fastener to cause the end portion of the part 1 to enter the loop 8. The eyes 10 are the means for positively connecting the members of the fastener and retain the clamp in proper position. The spring-arms 9 and inclined guideways 5 are of such relative length that when the clamp is moved outward to the limit of its throw and the eyes 10 are in engagement with the outer terminals of the guideways 5 the end of the body portion 1 will clear the loop 8, thereby permitting the fabric of the garment or hosiery to be passed between the loop 8 and the extremity of the part 1, whereby when bringing the terminal of the part 1 toward the plane of the spring-arms and moving the clamp upon the body portion of the fastener the end portion of the part 1 will pass through the loop 8 and carry the fabric of the garment therein and securely hold it, as will be readily comprehended.

The fastener shown in Fig. 5 is substantially the same as that illustrated in the other views with the exception that the body portion is formed of wire instead of being struck from sheet metal, the inclined guideways 5' and shoulders 6' instead of being slots are bent portions of the wire, and the parallel slots 3' are formed by inner bent portions of the wire, as clearly indicated. Either form of the invention can be cheaply constructed; but it is preferred to stamp the body portion from sheet metal, as it admits of a greater variety of ornamentation and is stronger.

As illustrated in Figs. 1 and 2 of the drawings, the body portion of the fastener when formed of a sheet-metal plate is widened at its intermediate portion, where the slots 5 and 6 are formed, so that at the outer sides of the inclined slots 5 the body-plate has laterally-projecting portions which serve to partially fill up the surplus space in the elongated eyes 10 of the sliding clamp member 2. By reason of this construction it will be observed that when the sliding clamp member is in its lowermost inactive position the laterally-projecting edges of the body-plate will serve to

hold the clamp member 2 from lateral movement, and thereby prevent the loop 8 of the clamp from getting out of alinement with the lower end of the said body as body-plate. In short, the parts are held properly positioned to receive the fabric to be retained.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. In a supporter or fastener, the combination with a body having oppositely-inclined guideways, and shoulders at the converging ends of the guideways, of a clamp slidably mounted upon the body and comprising a loop to receive the terminal portion of the body and having spring-arms provided at their free ends with eyes to cooperate with the inclined guideways and shoulders, substantially as set forth.

2. In a garment supporter or fastener, the combination with a body formed with oppositely-inclined guideways, and shoulders at the inner or converging ends of the guideways, of a clamp slidably mounted upon the body and provided at its outer end with a loop to receive the terminal portion of the body and having an outer extension projecting from a side of the loop, and having spring-arms terminating in elongated eyes in a plane parallel with the aforesaid loop and cooperating with the inclined guideways and shoulders, substantially as and for the purpose set forth.

3. In a supporter or fastener, the combination with a body having oppositely-inclined guideways, and shoulders at the inner or converging ends of the guideways, and having its outer end portion bent to one side of the plane of the body, of a clamp slidably mounted upon the body and comprising a loop to receive the bent end portion of the body and having an extension bent in the same direction as the bent end portion of the body, spring-arms, and eyes at the free ends of the spring-arms cooperating with the aforesaid inclined guideways and shoulders, substantially as and for the purpose set forth.

4. A garment-supporter, comprising a body portion provided at one end with a series of transversely-disposed slots to receive the end portion of a tape or web, and having its opposite end portion bent, and provided at an intermediate point with inclined guideways and shoulders at the inner or converging ends of the guideways, of a clamp slidably mounted upon the body and consisting of a loop to receive the bent terminal of the body and having an extension at one side of the loop bent in the same direction as the bent end portion of the body, divergent spring-arms at the opposite side of the aforesaid loop, and elongated eyes at the free ends of the spring-arms in the plane of the loop and adapted to cooperate with the aforesaid guideways and shoulders and forming positive means of



connection between the complementary parts of the supporter, substantially as set forth.

5 In a garment supporter or fastener, a body formed with oppositely-inclined guide-ways, and a clamp slidable upon the body and comprising spring-arms located to cooperate with said inclined guideways, and an offstanding loop through which one end of the body extends, whereby the body serves  
10 as a positive guide for the clamp as the latter

is moved back and forth, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

BENJAMIN F. OREWILER.

Witnesses:

G. H. REINBERGER,

L. A. OREWILER.