

No. 784,500.

PATENTED MAR. 7, 1905.

W. W. PALMER.
STOCKING SUPPORTER.
APPLICATION FILED MAY 8, 1903.

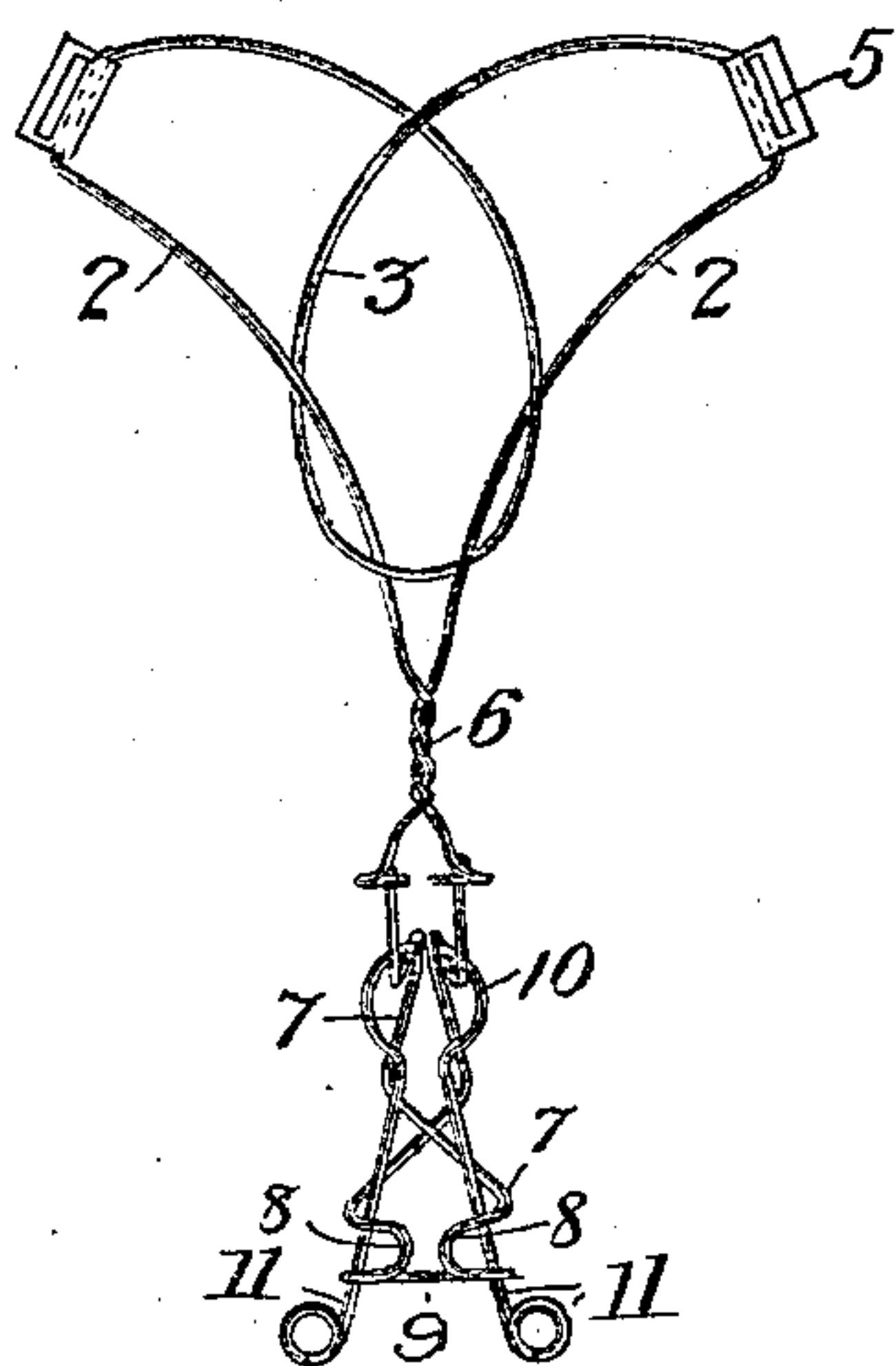


Fig. 1.

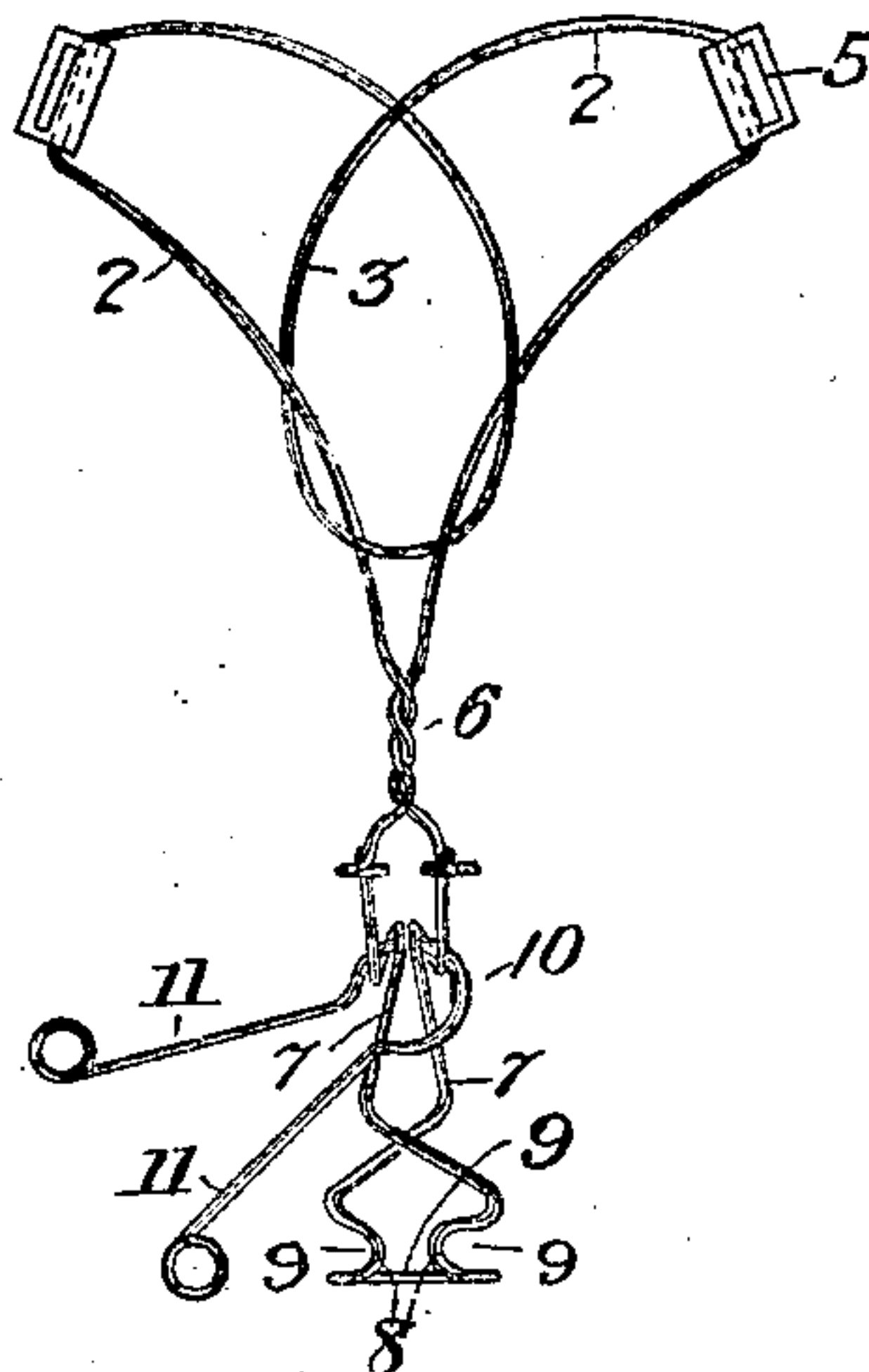


Fig. 2.



Fig. 3.

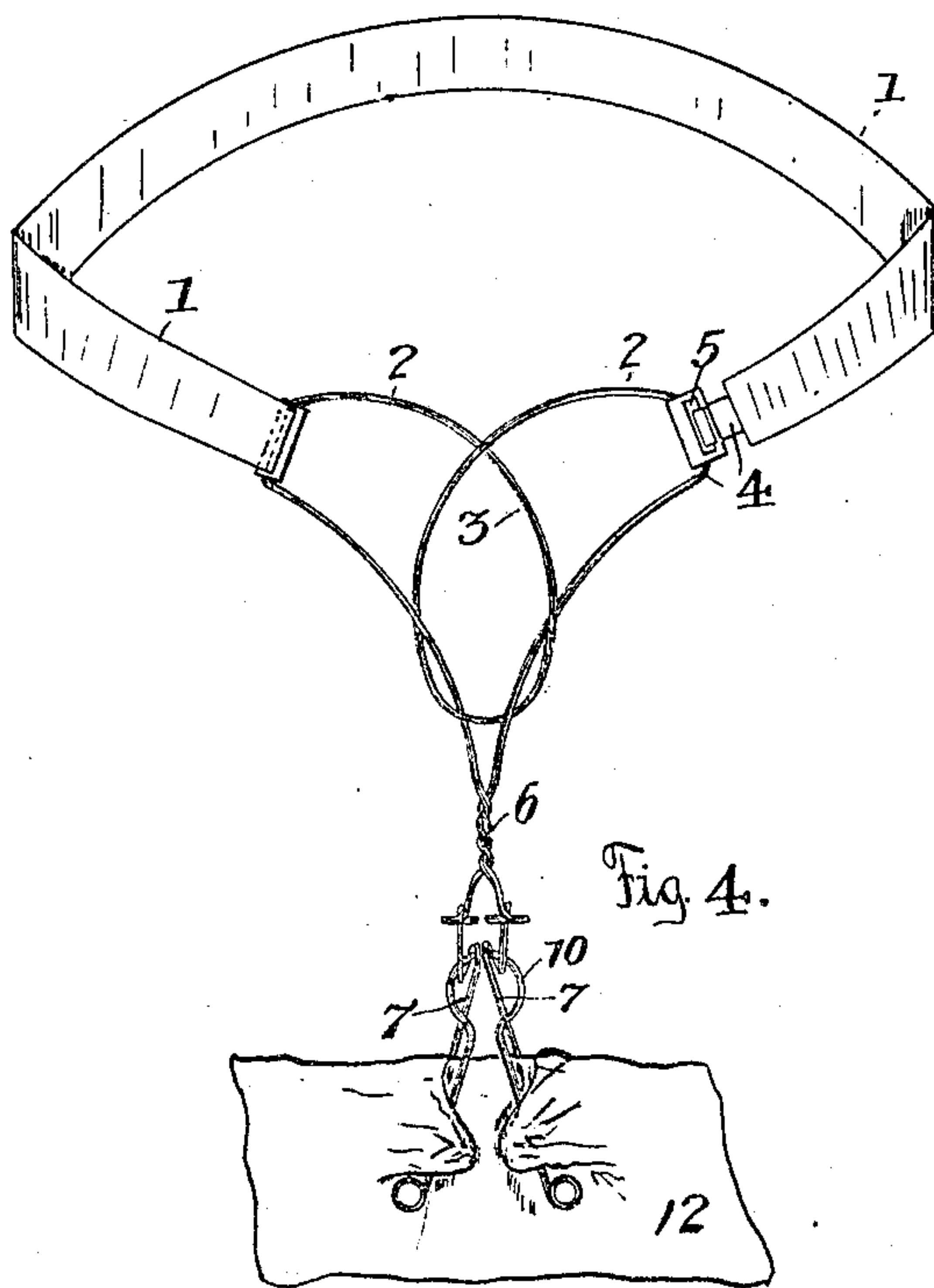


Fig. 4.

WITNESSES

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WALTER W. PALMER, OF ERIE, PENNSYLVANIA.

STOCKING-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 784,500, dated March 7, 1905.

Application filed May 8, 1903. Serial No. 156,238.

To all whom it may concern:

Be it known that I, WALTER W. PALMER, a citizen of the United States, residing at Erie, in the county of Erie and State of Pennsylvania, have invented certain new and useful Improvements in Stocking-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.

My invention relates to improvements in stocking-supporters, and particularly to that class designed for use by men.

The object of my invention is to provide a supporter in which the employment of rubber is entirely avoided, as the elastic fabric now in general use, of which rubber forms a component part, is subject to more or less rapid deterioration, which destroys the efficiency of the supporter.

To that end my invention consists of a single-wire flat structure formed into three loops, two of the loops extending in opposite directions and adapted the one for fixed engagement and the other for removable engagement with a non-elastic strap which encircles the wearer's leg, the third loop, which forms the spring, being interwoven with the other two loops and in the same plane.

In the drawings, Figure 1 is a front elevation of my improved device with parts in operative position. Fig. 2 is a similar view showing parts disengaged. Fig. 3 is a side elevation of Fig. 1; and Fig. 4 is a front elevation of my complete stocking-supporter, showing it in engagement with the fabric of the stocking.

Referring to the drawings, 1 is the non-elastic strap which encircles the wearer's leg. The structure to which the strap is secured consists of two loops 2, which extend in opposite directions in the same plane, and the third loop 3, which forms the spring and which is interwoven with the other two loops, as shown, all these loops being formed from

one continuous piece of wire. One end of the strap 1 is fixedly secured to one of the loops 2, its other end being provided with the hook 4 for removable engagement with a slot 5 on the other loop 2. The two ends of the wire forming the spring-loop structure are extended down and twisted to form the shank 6. To this shank 6 is secured in any convenient manner a clasp for holding the fabric of the stocking. This clasp comprises two members, one of which is a wire frame 7, the sides 8 8 of its lower portion being bent over toward each other to form an open recess 9, into which the fabric of the stocking is crowded.

In operation when the strap is secured around the wearer's leg the spring-loop 3 will expand or contract to cause a snug fit of the strap, which is non-elastic.

It will be seen from the above construction that I have provided an improved stocking-supporter in which no rubber of any description is employed and in which the necessary spring action is of a reliable and lasting nature.

I claim—

1. A stocking-supporter comprising a stocking-attaching means; a strap for encircling the leg of the wearer; and a wire having its lower portion secured to the stocking-attaching means, and its upper part looped to form the spring for the supporter, said strap being secured to said looped spring portion.

2. A stocking-supporter comprising a stocking-attaching means; a strap for encircling the leg of the wearer; and a wire having its ends secured to the stocking-attaching means; and a continuous wire looped above said ends forming the spring portion of the supporter, said strap being attached to said spring portion.

3. A stocking-supporter comprising a stocking-attaching means; a strap for encircling the leg of the wearer; and a wire having its lower portion secured to the stocking-attaching means, and its upper end formed into three interwoven loops, said straps being secured to two of said loops.

4. A stocking-supporter consisting of a non-elastic strap for encircling the leg, a single-wire flat structure formed into three loops, two of the loops extending in opposite
5 directions and adapted, the one for fixed engagement and the other for removable engagement with the non-elastic strap, the third loop, which forms the spring, being interwoven with the other two loops and in the
10 same plane, and means connected with the

above structure for holding the fabric of the stocking.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WALTER W. PALMER.

Witnesses.

W. T. MILLER,

C. B. BUTLER.