

(No Model.)

2 Sheets—Sheet 1.

R. H. PAYNE.
HOSE SUPPORTER.

No. 570,143.

Patented Oct. 27, 1896.

Fig. 1.

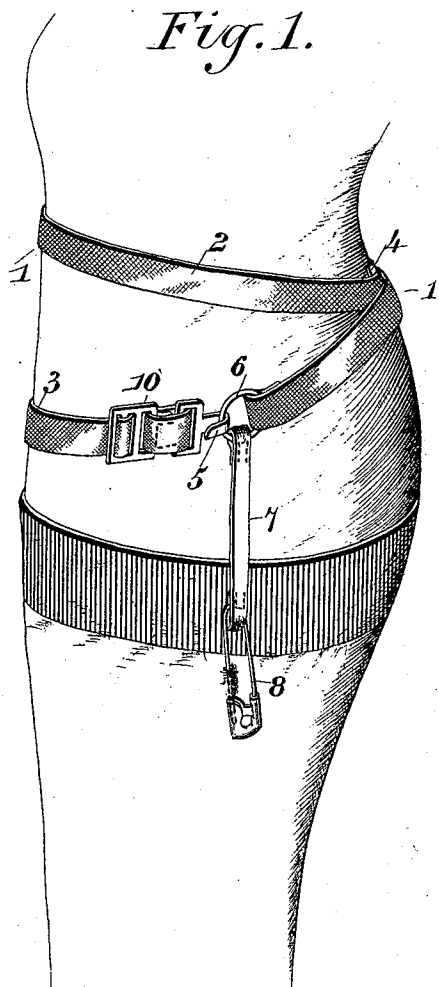


Fig. 2.

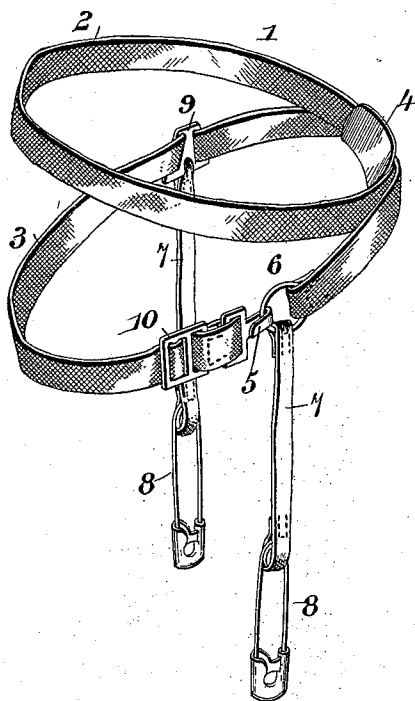


Fig. 3.

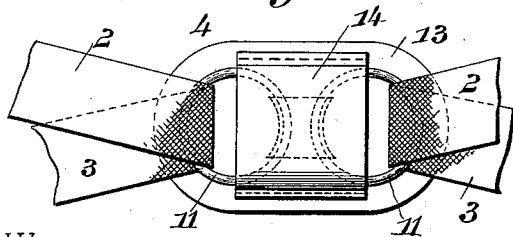
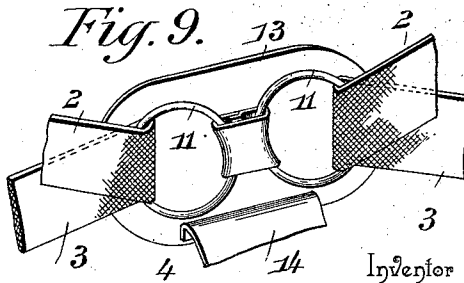


Fig. 9.



Witnesses

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(No Model.)

2 Sheets—Sheet 2.

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Fig. 4.

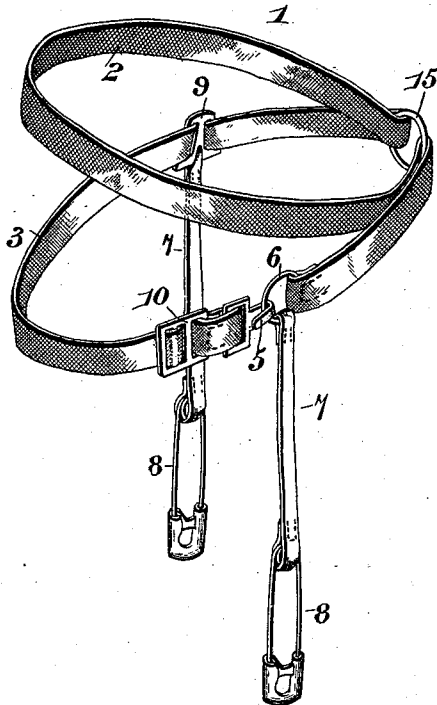


Fig. 5.

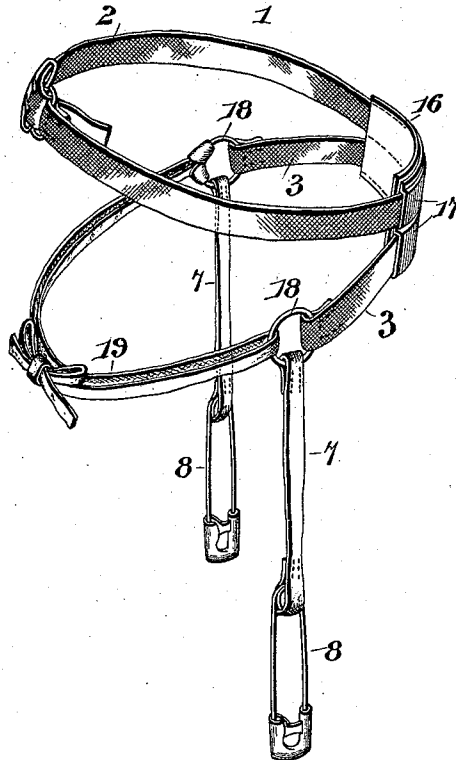


Fig. 6.

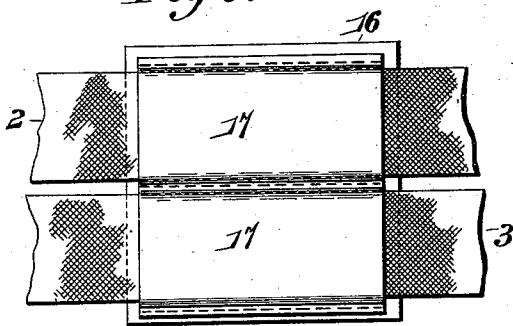
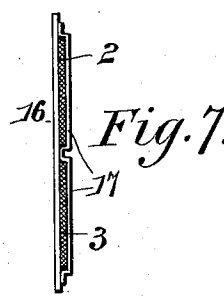


Fig. 8.



Witnesses

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By *his* Attorneys,

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C. Snow & Co.

UNITED STATES PATENT OFFICE.

ROBERT H. PAYNE, OF ROANOKE, VIRGINIA.

HOSE-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 570,143, dated October 27, 1896.

Application filed April 15, 1896. Serial No. 587,670. (No model.)

To all whom it may concern:

Be it known that I, ROBERT H. PAYNE, a citizen of the United States, residing at Roanoke, in the county of Roanoke and State of Virginia, have invented a new and useful Hose-Supporter, of which the following is a specification.

The invention relates to improvements in hose-supporters.

10 The object of the present invention is to improve the construction of hose-supporters, and to provide a simple and effective one which will be capable of effectually retaining its position on the leg of a wearer and of securely holding the hose in place without causing it to ride up on one side and sag on the other.

15 A further object of the invention is to provide a hose-supporter which may be conveniently applied in operative position, and which will be comfortable to the wearer, and which will be capable of yielding to any strain without breaking or tearing loose and of resuming its proper position as soon as it is relieved of strain.

20 The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

25 In the drawings, Figure 1 is a perspective view of a hose-supporter constructed in accordance with this invention. Fig. 2 is a similar view of the supporter detached. Fig. 3 is a detail view illustrating the construction of the connecting-link. Fig. 4 is a perspective view illustrating a modification of the invention and showing a connecting-link consisting of a single ring. Fig. 5 is a similar view illustrating another modification of the invention, showing the bands constructed of separate pieces of elastic. Fig. 6 is a detail view of the pad of the modified construction illustrated in Fig. 5. Fig. 7 is a sectional view of the same. Fig. 8 is a detail view of the slide, which carries one of the depending hose-supporters. Fig. 9 is a detail view of the connecting-link shown in Fig. 3, the loop of the pad being broken away to illustrate the connection between the pair of rings.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a hose-supporter, comprising upper and lower bands 2 and 3, adapted to encircle the leg of the wearer, and preferably formed by a continuous piece of elastic, which is connected at the back by a link 4, which loosely receives the elastic, and the terminals of the latter are provided with suitable fastening devices, such as a hook 5 and an eye or ring 6. The elastic is first looped to form the upper band 2 and is passed through the link and is then extended to form the lower band 3, and the latter has connected with it, at opposite sides, depending hose-supports 7, which have suitable catches 8 at their lower ends for engaging the hose. The catches 8 may be of any desired construction, such as a safety-pin or the like; but a safety-pin has been found especially advantageous, as it is easily manipulated and possesses the necessary strength. The elastic is loosely passed through the link to form the upper and lower bands, and when the depending hose-supports 8 are subjected to any strain the elastic is drawn downward through the link, tightening the upper band and causing the support to be firmly retained in proper position on the leg of the wearer. As soon as the hose-supporter is relieved of strain the parts expand and assume their proper position.

One of the depending hose-supports is attached to the eyes or rings 6 and the other is connected with the lower band at a point diametrically opposite the ring or eye 6 by a slide 9, which is constructed of suitable metal, and which is provided with diverging slots or openings to receive the elastic, and which has a perforation for the attachment of the depending hose-support. One end of the elastic is designed to be provided with a slide 10 of the ordinary construction adapted to have the elastic secured to it and to slide on the body of the elastic to vary the size of the lower band.

The link may be constructed in a variety of ways, but may consist of a pair of rings 11, connected at their adjacent sides by a loop 12, and a pad 13 may be employed to protect

the leg of the wearer. The pad 13 is provided with a loop 14, in which is arranged the central portion of the link. Instead of employing a pair of rings to form the link, a single ring 15 may be used, as illustrated in Fig. 4 of the accompanying drawings.

In Fig. 5 of the accompanying drawings is illustrated a hose-supporter, comprising a pair of bands and depending hose-supports, the bands being formed of separate pieces of elastic, and being suitably connected at the back by a pad 16, having a pair of loops 17 for the reception of the elastic.

Instead of employing a hook and eye for connecting the terminals of the lower band, the latter may be provided with rings 18, from which depend the supports, and which may be connected by a piece of tape 19 or the like. Various other modifications may be readily employed, and I desire it to be understood that changes in the form, proportion, and minor details of construction may be resorted to without departing from the principle or sacrificing any advantages of the invention.

It will be seen that the hose-supporter is exceedingly simple and inexpensive in construction, that the upper band firmly holds the device in proper position on the leg of the wearer, and that the lower band is connected with the stocking at opposite sides of the leg, and is capable of evenly holding the hose and of preventing it from riding up at one side and sagging at the other. It will also be apparent that the hose-supporter is comfortable to the wearer, that it possesses great strength and durability and is capable of yielding to any strain without breaking or tearing, and that the greater the strain the more securely it will be held, when a single piece of elastic is employed, as the elastic is

adapted to slide through the connecting-link and contract the upper band.

What I claim is—

1. A hose-supporter, comprising upper and lower bands connected at the back and adapted to encircle the leg of the wearer, and a pair of depending hose-supports connected with the lower band at the opposite sides thereof, and adapted to engage a stocking, substantially as described.

2. A hose-supporter, comprising upper and lower bands constructed of a single piece of material, a link connecting the bands at the back and permitting the elastic to slide freely through it, whereby strain on the lower band will contract the upper band, and depending hose-supports arranged at opposite sides of the lower band and adapted to be connected with a stocking, substantially as described.

3. A hose-supporter, comprising upper and lower bands adapted to encircle the leg of the wearer and constructed of a single piece of material, a link comprising a pair of rings connected together and loosely receiving the elastic at the back of the bands, a pad located at the back of the hose-supporter and adapted to be interposed between the same and the leg of the wearer, and provided with a loop receiving the central portion of the link, and depending hose-supports located at opposite sides of the lower band and connected with the same, substantially as described.

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

ROBT. H. PAYNE.

Witnesses:

H. M. DARNALL,
W. W. RULE.