E. S. DORMAN.

HOSE AND GARMENT SUPPORTER.

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899,484.

Patented Sept. 22, 1908.

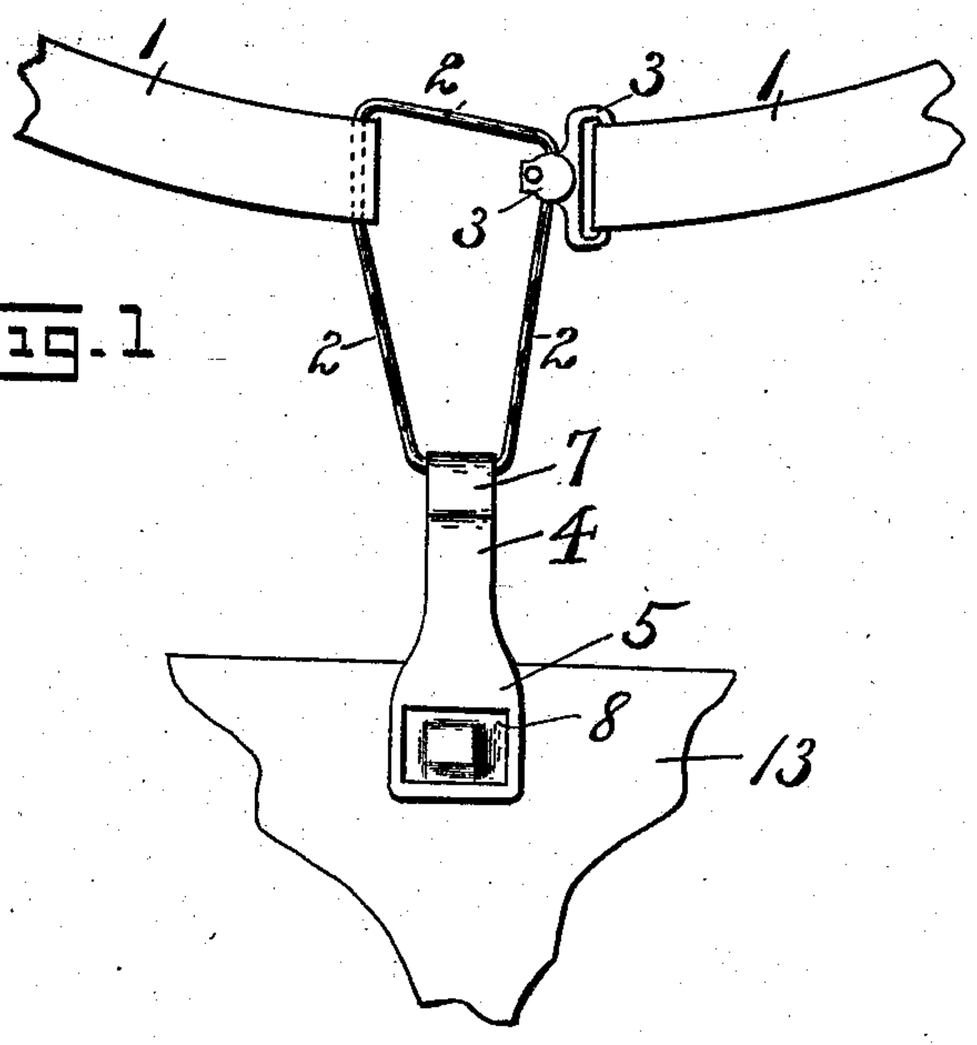

Fig. 1

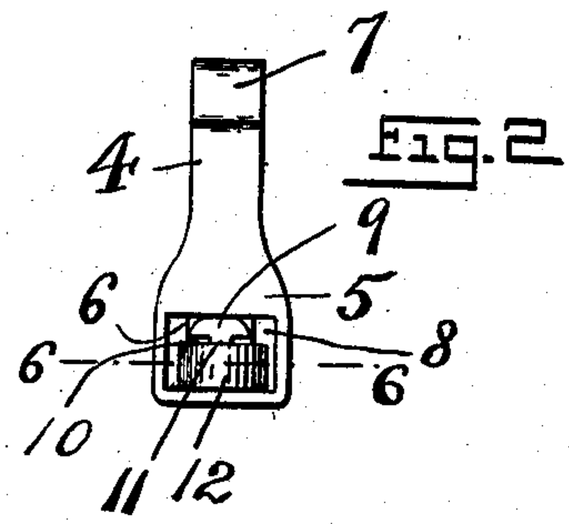

Fig. 2

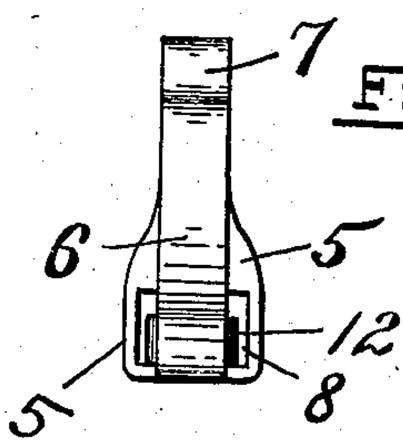

Fig. 3

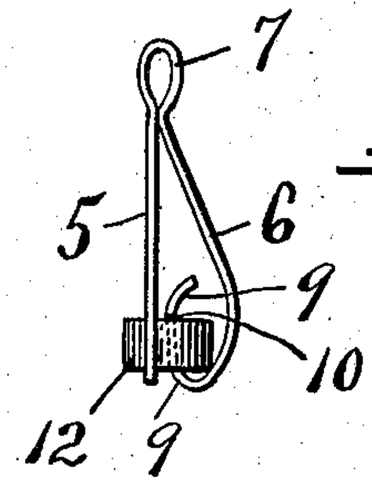

Fig. 4

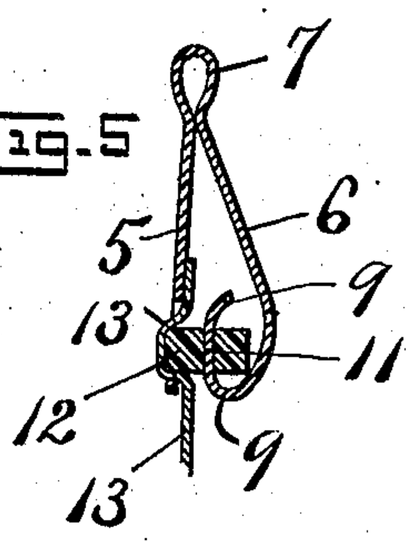

Fig. 5

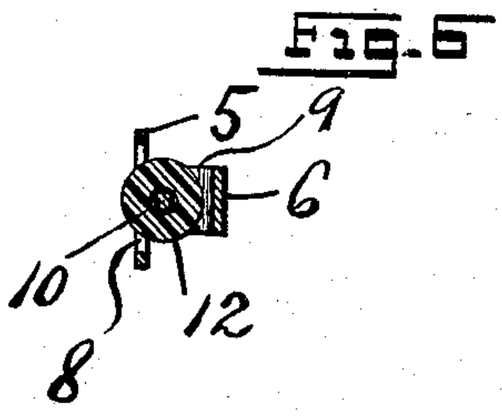

Fig. 6

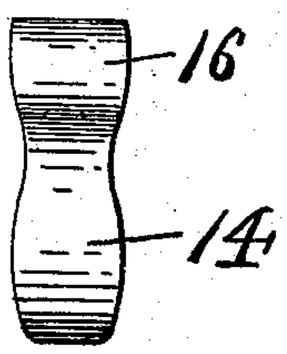

Fig. 7

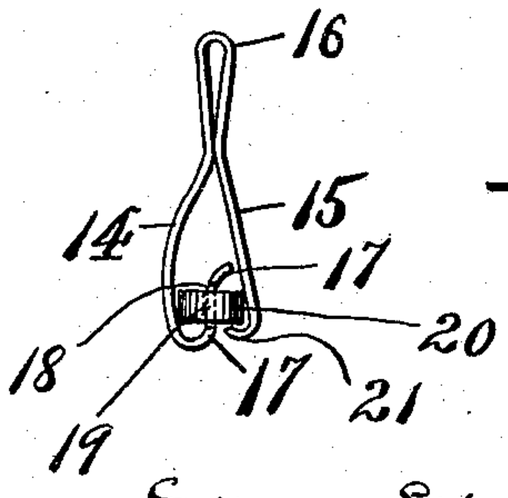

Fig. 8

WITNESSES:

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EDWARD SIDNEY DORMAN, OF NEWARK, NEW JERSEY, ASSIGNOR OF ONE-HALF TO PATRICK PETER HASTINGS, OF NEWARK, NEW JERSEY.

HOSE AND GARMENT SUPPORTER.

No. 899,484. Specification of Letters Patent. Patented Sept. 22, 1908.

Application filed September 6, 1907. Serial No. 391,603.

To all whom it may concern:

Be it known that I, EDWARD SIDNEY DORMAN, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented a new and useful Hose and Garment Supporter, of which the following is a specification.

My invention has reference generally to improvements in hose and garment supporters; and the invention relates more particularly to a novel construction of hose supporter comprising a gripping or holding member provided with a resilient retaining device or member which can be readily adjusted upon a portion of the hose or other garment, to support the same.

The principal objects of my present invention are to provide an efficient and positively acting holding means for hose or other garment supporters of the character hereinafter stated, the gripping or holding member being made of a single piece of metal or other suitable material, so bent or formed as to provide a pair of fixed but none-the-less slightly flexible jaw-members, between which the hose or other garment may be slipped, and a resilient device or member fixed upon one of said flexible jaw-members, said resilient device or member being adapted to engage with the hose or other garment and force the same in contact with the opposite jaw-member of said gripping or holding member, whereby the said hose or other garment is tightly gripped and supported.

A further object of this invention is to provide a very simple and efficient hose or other garment supporter, which has no movable parts to be manipulated; but, the garment supporter being capable of a laterally swinging or oscillatory movement, and being provided with a rolling grip-device which can easily and quickly be slipped upon and rolled over a portion of the hose or other garment to effectively grip and support the same, and which can be as readily and quickly moved therefrom without the necessity of manipulating any movable parts. Furthermore this invention provides a hose or other garment supporter, which, while effectively gripping and supporting the same, will not injure the fabric thereof.

Other objects of this invention at this time not more particularly mentioned will be evident from the following description of the said invention.

With the various objects of the present invention in view the same consists in the novel hose or garment supporter hereinafter more fully set forth, and, furthermore, this invention consists in the various novel arrangements and combinations of parts, as well as in the details of the construction thereof, all of which will be described in the following specification and finally embodied in the clauses of the claim.

The invention is clearly illustrated in the accompanying drawings, in which:—

Figure 1. is a face view of a hose or garment supporter embodying the principles of the present invention, and showing the same operatively securing or supporting a portion of a hose or other garment. Fig. 2. is a face view of the gripping or holding member of said hose or garment supporter, with the hose or garment removed. Fig. 3. is a back view of the same; Fig. 4 is a side or edge view of the same; Fig. 5 is a vertical longitudinal section of the same, with the garment or hose in place or being gripped thereby; and Fig. 6 is a horizontal cross-section taken upon line 6—6 in said Fig. 2. Fig. 7. is a face view of a slightly modified construction of hose or garment supporter, embodying the principles of the present invention; and, Fig. 8 is a side or edge view of the same.

Similar characters of reference are employed in all of the said above described views to indicate corresponding parts.

Referring now to the several figures of the said drawings, the reference character 1 indicates the usual elastic or similar band, which is secured around the leg of the wearer, said band being provided at one end with the usual cord 2, from which is suspended the gripping or holding member of the said hose or garment supporter. The said band 1 is further provided at its other or free end with a hook or similar member 3, adapted to engage with the cord 2 in securing the said band 1 upon the leg of the wearer, in the usual manner. The said gripping or holding member consists essentially of a plate or main body portion 4, preferably of metal, which is bent or doubled upon itself so as to form the downwardly extending flexible jaw-members 5 and 6, and a loop 7 through which is threaded the suspending cord 2. The said jaw-member 5 is preferably slightly widened at its free-end and provided with a hole or opening 8, preferably of a rectangular shape. The said

jaw-member 6 is bent or formed to incline away from the opposite jaw-member 5 and the free-end of said jaw-member 6 is turned inwardly to form the upwardly extending arm 9 between the two jaw-members 5 and 6. This said upwardly extending arm 9 is provided upon each side near its end with cutaway portions 10, which form a shank 11, in said upwardly extending arm 9. Mounted upon this shank 11 is a resilient roller or button 12, made of rubber, leather, or any other suitable resilient material, so arranged that its periphery extends slightly into the hole or opening 8, of the said jaw-member 5.

From an inspection of Fig. 1 of the drawings, it will be seen that the gripping member of the garment supporter being suspended from the cord 2, is capable of a swinging or oscillatory movement, whereby the jaw-member 5 can be moved over the front face of the garment and the roller 12 at the same time rolled upon the rear face of the garment.

To cause the above described gripping or holding means to operatively engage with a portion of the hose or other garment 13, the said gripping or holding device is turned slightly sidewise and the edge of the hose or other garment 13 is slipped in between the jaw-member 5 and the resilient roller or button 12, and said jaw-member and roller are then moved side-wise, in the manner previously stated, until the parts of the said gripping or holding device assume the positions, with relation to the garment, shown more particularly in Figs. 1 and 5 of the drawings. It will be readily understood from an inspection of the said drawings that the resilient roller or button 12 makes a frictional contact with the said hose or other garment, and at the same time by forcing the said hose or other garment through the hole or opening 8 in the jaw-member 5 an additional holding grip or increase friction is established. The said jaw-members 5 and 6 being slightly flexible, due to the natural "spring" in the metal or similar material, makes it easy to insert or remove the said hose or other garment 13 from engagement with the said gripping or holding member.

Referring now more particularly to Figs. 7 and 8 of the drawings there is illustrated therein a slightly modified construction of gripping or holding means, comprising the downwardly extending jaw-members 14 and 15, and the loop 16 formed thereby, said jaw-member 14 being turned inwardly to form the upwardly extended arm 17, which is provided with cutaway portions 18 adapted to form a shank 19 upon which is mounted a resilient roller or button 20. Said jaw-member 15 extends downwardly past the said roller or button 20 and the free-end thereof is turned to form an inwardly and upwardly extending tongue 21, which extends to a point just beneath the said resilient roller or button 20, substantially as shown in Fig. 8 of the drawings.

The manipulation, operation and effect of this modified form of gripping or holding means is substantially the same as described in connection with the main construction.

It will thus be clearly evident from the above description that a very simple and effective hose or other garment supporter has been provided by this invention, with the advantage of few parts and no movable parts to be manipulated or to get out of order.

I claim:—

1. In a gripping or holding member for hose or garment supporters, and a plate or main body portion bent to form a pair of downwardly extending jaw-members, provided at their upper portions with a loop for suspending the same, one of said jaw-members being provided with an opening in its free end, the opposite jaw-member being provided with an arm on its free-end extending upwardly between the said jaw-members, and a roller upon said upwardly extending arm adapted to establish a frictional grip upon a hose or other garment, substantially as and for the purposes set forth.

2. In a gripping or holding member for hose or garment supporters, and a plate or main body portion bent to form a pair of downwardly extending jaw-members, provided at their upper portions with a loop for suspending the same, one of the said jaw-members being provided with an opening in its free-end the opposite jaw-member being provided with an upwardly extending arm on its free-end adapted to extend upwardly between the said jaw members, said upwardly extending arm being provided with cutaway portions near its end, adapted to form a shank, a roller or button of resilient material mounted on said shank, said resilient roller or button being adapted to establish a frictional grip upon a hose or other garment substantially as and for the purposes set forth.

3. In a gripping or holding member for hose or garment supporters, a metallic plate bent to form a pair of downwardly extending jaw-members and a loop for suspending the same, one of said jaw-members being provided with a hole or opening in its free-end, the other of said jaw-members being provided with an upwardly extending arm on its free-end, said arm being adapted to extend upwardly between the said jaw-members, a roller or button of resilient material mounted on said upwardly extending arm and adapted to partly extend into said hole or opening in the free-end of said opposite jaw-member, substantially as and for the purposes set forth.

4. In a gripping or holding member for hose or garment supporters, a plate bent to form a pair of downwardly extending flexible jaw-members and a loop at the upper portion thereof to suspend the same, one of said jaw-members being provided with an upwardly extending arm, a shank formed on said upwardly extending arm, a roller or button of resilient material mounted on said shank between the said jaw-members, substantially as and for the purposes set forth.

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

EDWARD SIDNEY DORMAN.

Witnesses:

FREDERIC L. JOHNSON,

FREDERICK A. LEHLBACH.