

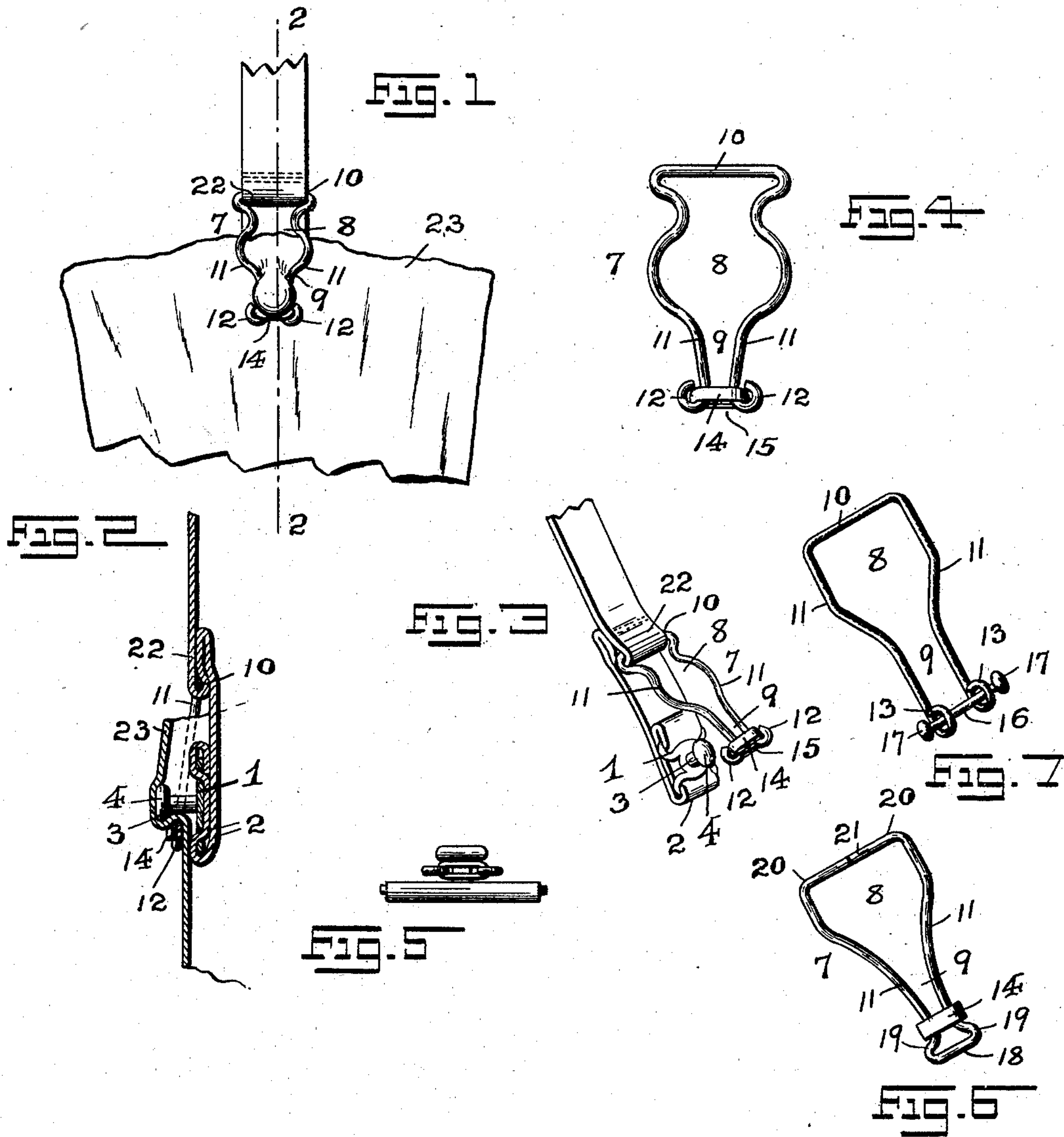
No. 712,631.

Patented Nov. 4, 1902.

G. B. ADAMS.
GARMENT OR HOSE SUPPORTER.

(Application filed July 12, 1902.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE B. ADAMS, OF IRVINGTON, NEW JERSEY.

GARMENT OR HOSE SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 712,631, dated November 4, 1902.

Application filed July 12, 1902. Serial No. 115,255. (No model.)

To all whom it may concern:

Be it known that I, GEORGE B. ADAMS, a citizen of the United States, residing at Irvington, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Garment or 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 numerals of reference marked thereon, which form a part of this specification.

The present 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 two members, one of which is provided with a button or post having a head and the other member being in the form of a retaining device having a pair of spring-arms capable of lateral motion, said arms being connected at or near their free ends with a flexible connection substantially as hereinafter more fully set forth, the said spring-arms and end bar or cross-piece forming a loop that can be passed over the button and that portion of the hose usually placed over the said button, all for positively retaining said intervening portion of the hose between the several parts of the device.

The principal objects of my present invention are to provide an efficient and positively-acting holding means for hose or garment supporters of the character hereinabove stated, the spring-arms having a yielding tendency and the said flexible connection having sufficient resiliency to closely and properly hug the shank of the post or button, whereby the garment or hose is more firmly secured about the head of the button or post and is tightly grasped and held by the members of the hose-supporter without the least danger of tearing or cutting the fabric, no matter how great the pull.

A further object of this invention is to provide a loop member which is adapted to be arranged about that portion of the hose placed over the head of the post or button, with a cross-piece at or near the narrow end portion of the loop member made of a fibrous

yielding or elastic material, such as a rubber band, which band with an excessive pulling of the garment upon the post or button will all the more tend to tightly bind itself about that part of the garment upon the post or button, and thereby cause the hose or garment to tightly cling against the post or button without any disposition of tearing or displacement.

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

With the various objects of my invention in view the same consists in the novel hose or garment supporter hereinafter more fully set forth, and, furthermore, my 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 then 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 this invention, illustrating the same in its attached position upon the hose; and Fig. 2 is a vertical section of the said parts, said section being taken on line 2 2 in said Fig. 1. Fig. 3 is a perspective view of the members of the device. Fig. 4 is a face view of the loop-shaped holding or retaining member; and Fig. 5 is an end view of the complete device, the holding members being represented in their engaged relation, but the hose having been omitted from the said view. Figs. 6 and 7 are perspective views of two other loop-shaped holding members, illustrating slightly modified forms of construction, but still embodying the leading features of my present invention.

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

In the said drawings the reference character 1 indicates the button or post supporting plate of any suitable construction which is attached to the lower end portion 2 of the webbing by stitching or in any other desired manner. The button proper, as represented

in Figs. 2, 3, and 5, consists of the usual metal shank 3 and the head 4; but in some cases the said shank 3 may be made with a laterally-extending slot 5, in which I have arranged and secured a piece of fibrous yielding or elastic material 6, preferably in the form of a flat piece with its edges extending beyond the opposite sides of the said slotted shank 3, as clearly illustrated in Figs. 9, 10, 10 and 11 of the drawings.

The retaining or holding loop-shaped member 7 of the device comprises an enlarged open part 8 and a contracted portion 9, as clearly represented in the several forms represented in the several figures of the drawings. The said loop member 7 is usually made from one continuous piece of spring-wire, and it consists, essentially, of a straight end member or portion 10, from which project a pair of forwardly-extending spring-arms 11 of any desired ornamental configuration and bent to provide the said enlarged open part 8 and the contracted portion 9. At its free end each arm 11 terminates in a retaining-loop 12, as indicated in Figs. 1 to 5, inclusive, or in a retaining-loop 13, as illustrated in Fig. 7. A cross-piece or flexible connection 14, preferably of a fibrous yielding or elastic material, usually a rubber band, as shown, is arranged in the said retaining-loops 12, said cross-piece or flexible connection 14 extending directly across the open end portion 15 between the said retaining-loops 12 from one spring-arm 11 to the other spring-arm. In lieu of the said cross-piece or flexible connection 14, of rubber, a wire bar or piece 16, preferably of sufficient resiliency so as to bend, may be arranged in the retaining-loops 13 of the loop member 7, (represented in said Fig. 7,) the said wire bar or piece being provided at its ends with enlargements or knobs 17, as shown, to prevent its displacement from the said eyes or rings 13.

In the construction of loop member 7 represented in Fig. 6 of the drawings the eyes or rings are dispensed with, the two spring-arms 11 being connected at the contracted portion 9 by means of an integral connecting-piece 18 and the two curved or rounded portions 19, over which the said cross-piece or flexible connection 14, of a fibrous yielding or elastic material, in this case a rubber band, is sprung and held upon the said arms 11 against displacement, as will be clearly understood from an inspection of said Fig. 6. The upper ends of these spring-arms 11 are turned at right angles, as at 20, to form a straight member 21. The said loop members 7 are secured in their operative positions upon the webbing by doubling over the webbing, as at 22, (see Figs. 2 and 3,) and then securing the parts together by stitching or in any other suitable manner.

The manner of attaching my novel form of hose or garment supporter to a piece of fabric 23, as a stocking, is clearly represented

in Figs. 1 and 2, the button or post-supporting plate 1 and the loop member 7 being previously separated, as shown in Fig. 3, and the fabric 23 placed between said separated parts and directly upon the head of the button. The button and intervening portion of the hose are then pressed through the enlarged open part 8 of the loop member 7 and said member 7 then drawn up to bring the closely-located parts of the spring-arms 11 in their holding engagement with the fabric at the sides of the shank or post of the button. This action will tend to separate these lower end portions of said spring-arms 11, thereby spreading them in opposite directions against the tension of the cross-piece or flexible connection 14. This piece or flexible connection 14, in the construction represented in Figs. 1 to 5, inclusive, being a rubber band, will thereby conform to the shape of the post or button-shank, whereby the fabric 23 will be tightly drawn beneath the head of the button, and the greater the pull the more positively will the fabric be held in place, and the cross-piece or flexible connection 14 being of a fibrous elastic material there will be no danger of tearing or cutting the fabric, and there will further be no danger of the fabric slipping or the head of the post or button being forced through the hose.

In the construction illustrated in Fig. 6 the result performed is the same as that obtained with the relative arrangements of the parts represented in Figs. 1 to 5, inclusive; but while with the construction represented in Fig. 7 the final result obtained is not precisely the same, still it is a similar result and one that is not a departure from the principles of my present invention. In this construction the wire bar or piece 16 will apply itself readily against the side of the post or button-shank to securely retain the fabric in place against tearing and against displacement until released by the wearer of the garment.

It will be clearly evident that the final result obtained—that of positively clasping the garment by means of a yielding holding member or portion—is the same in all the hereinabove-described constructions, and I have produced a garment or hose supporter the holding members of which are suitably cushioned to prevent the tearing or cutting of the hose or garment, and there is no liability of the device becoming detached from the hose or garment except when manipulated by the wearer.

It will be obvious that in place of rubber I may use any other flexible material suitable for the purpose of my invention. It will also be understood that various changes may be made in the arrangements and combinations of the several parts without departing from the scope of my present invention. Hence I do not limit my invention to the exact arrangements and combinations of the parts as described in the foregoing specification and

as illustrated in the accompanying drawings, nor do I confine myself to the exact details of the construction of any of the said parts.

Having thus described my invention, what I claim is—

1. In a garment or hose supporter, a webbing, a post-supporting plate on said webbing, a post on said plate, and a button on said post, all combined with a retaining-loop member having a pair of spring side arms forming a button-receiving portion, and a flexible connection across the said spring side arms adapted to be brought in holding engagement with a portion of the fabric arranged over the button, substantially as and for the purposes set forth.

2. In a garment or hose supporter, a webbing, a post-supporting plate on said webbing, a post on said plate, and a button on said post, all combined with a retaining-loop member having a pair of spring side arms forming a button-receiving portion, and a flexible connection across the said spring side arms adapted to be brought in holding engagement with a portion of the fabric arranged over the button, said connection consisting of a yielding elastic band, substantially as and for the purposes set forth.

3. In a garment or hose supporter, a webbing, a post-supporting plate on said webbing, a post on said plate, and a button on said post, all combined with a retaining-loop member comprising a pair of spring side arms, a connecting piece or member between said arms

for the attachment of said member to the webbing, the said side arms forming a button-receiving portion, a loop at the free end of each side arm, and a flexible connection held in said loops and arranged across the open end portion between said side arms adapted to be brought in holding engagement with a portion of the fabric arranged over the button, substantially as and for the purposes set forth.

4. In a garment or hose supporter, a webbing, a post-supporting plate on said webbing, a post on said plate, and a button on said post, all combined with a retaining-loop member comprising a pair of spring side arms, a connecting piece or member between said arms for the attachment of said member to the webbing, the said side arms forming a button-receiving portion, a loop at the free end of each side arm, and a flexible connection held in said loops and arranged across the open end portion between said side arms, adapted to be brought in holding engagement with a portion of the fabric arranged over the button, said flexible connection consisting of a fibrous yielding and elastic band, substantially as and for the purposes set forth.

In testimony that I claim the invention set forth above I have hereunto set my hand this 10th day of July, 1902.

GEORGE B. ADAMS.

Witnesses:

FREDK. C. FRAENTZEL,
GEO. D. RICHARDS.