

No. 705,519.

Patented July 22, 1902.

M. H. EISEMAN.  
HOSE SUPPORTER.

(Application filed Apr. 28, 1902.)

(No Model.)

Fig. 1.

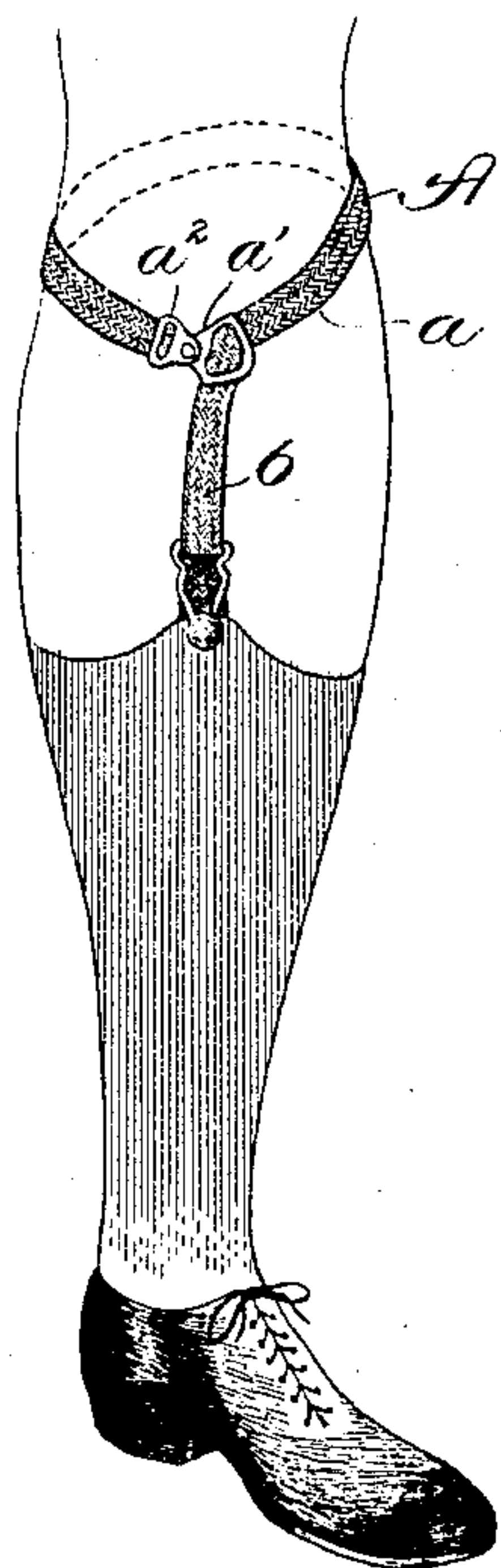


Fig. 2.

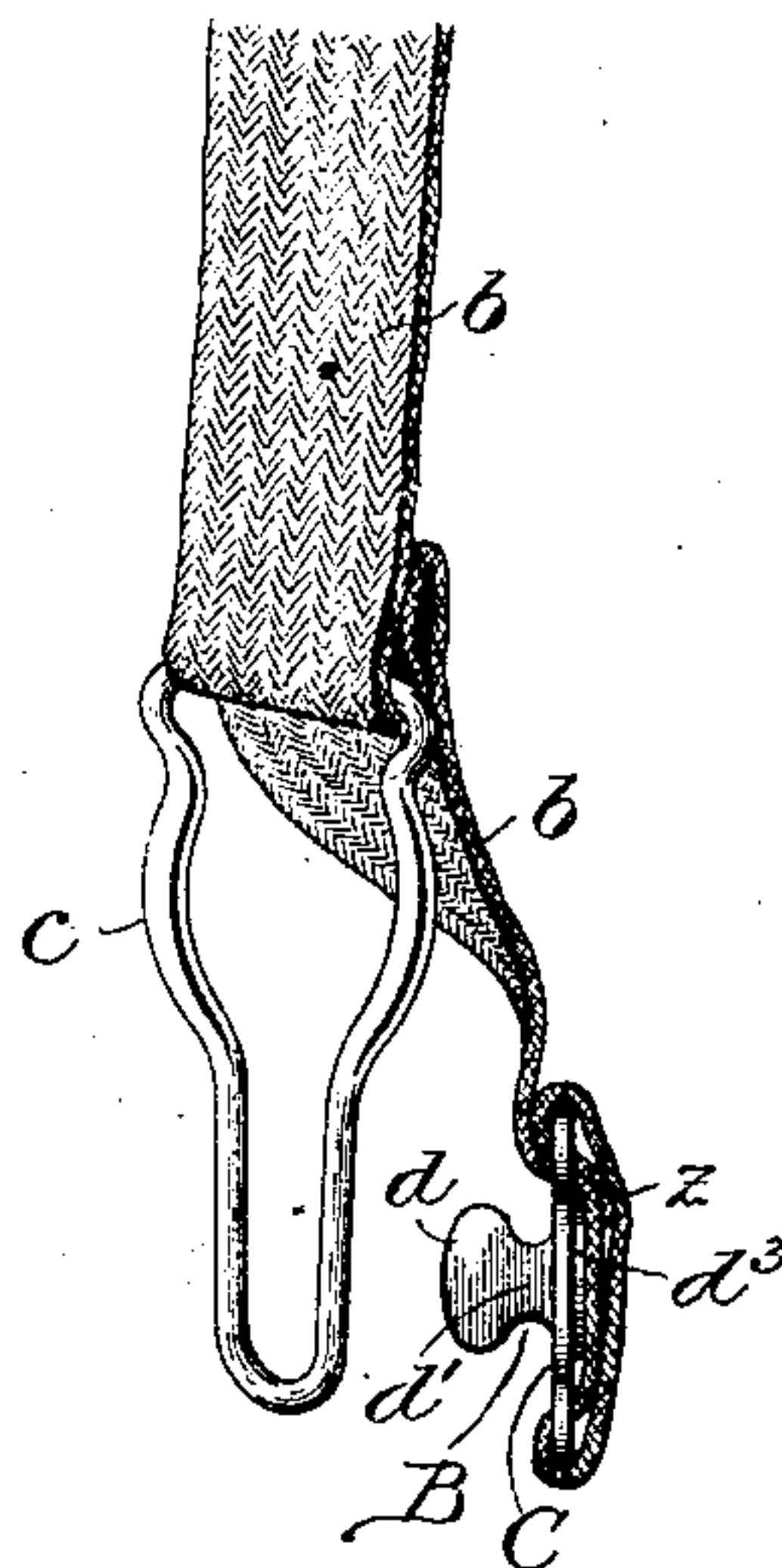


Fig. 4.

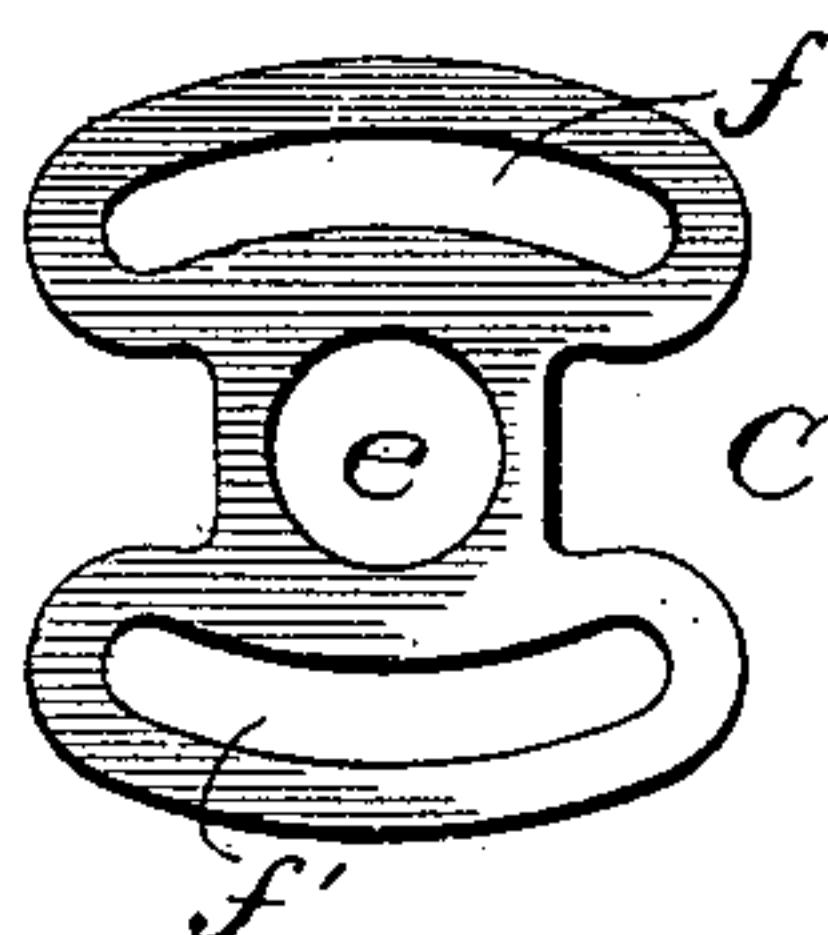


Fig. 5.

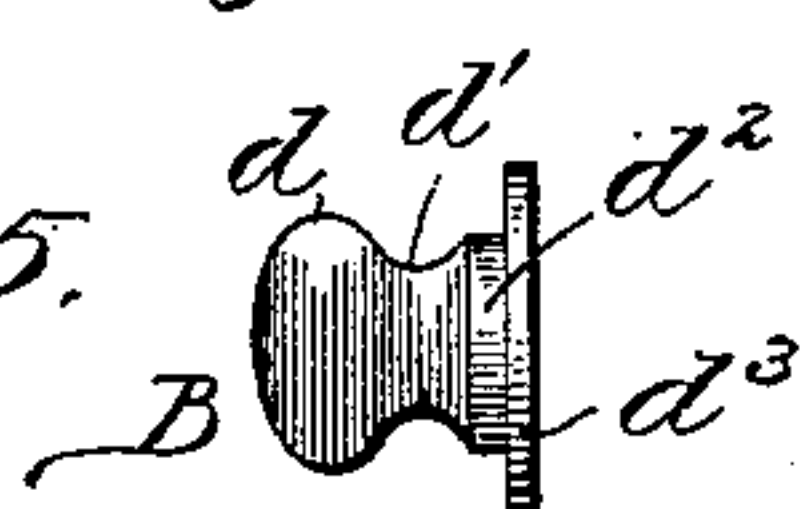
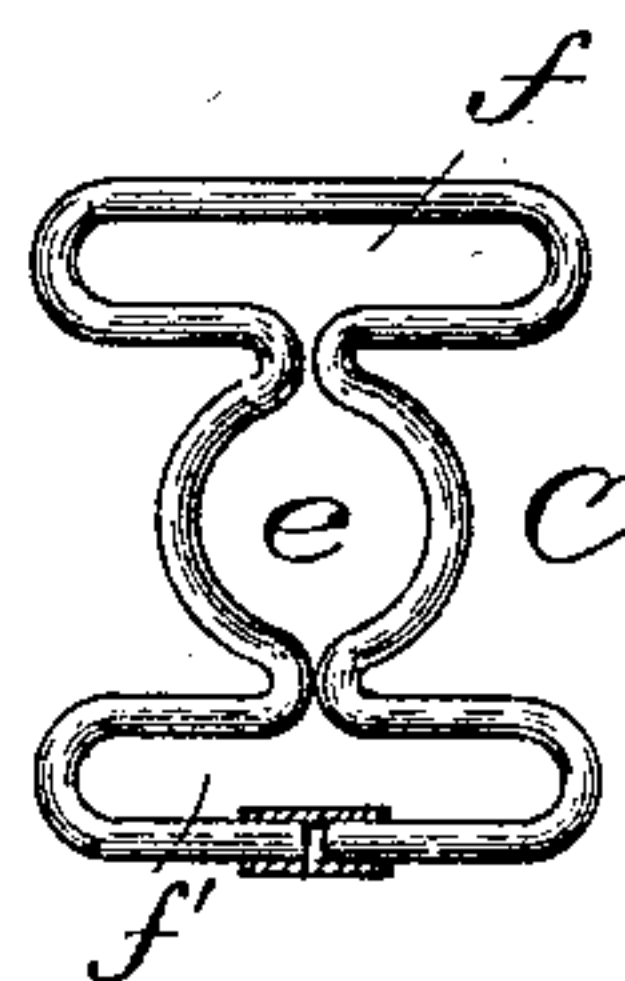


Fig. 6.



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# UNITED STATES PATENT OFFICE.

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## HOSE-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 705,519, dated July 22, 1902.

Application filed April 28, 1902. Serial No. 105,088. (No model.)

*To all whom it may concern:*

Be it known that I, MOSES H. EISEMAN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Hose-Supporters, of which the following is a specification.

My invention relates to an improved construction of the combined button and plate element of a hose or garment supporter commonly provided on the depending strap which carries the loop used to clamp on the button the hose where it is bunched over the button-head.

The objects of my improvement are, first, to enable the user to conveniently replace a broken or worn button by a new one, thus to avoid rendering the supporter useless by the mere giving out of the button, and, second, to provide such a construction of the button-holding plate as shall adapt the strap to be fastened securely upon it without the requirement of any stitching in a manner to cause the strap-webbing to completely cover the back of the plate, and thus interpose the fabric between the plate and the flesh of the user, with the advantages of preventing a metal plate from tarnishing by contact with the skin and saving the wearer from the discomfort of such contact.

The first of the aforesaid objects I accomplish, generally stated, by forming the button, or at least its head, of rubber as an article separate from the plate, the button-opening in which is smaller in diameter than the button-head, which may be crowded through the opening to insert the button in place; but the button once thus inserted is confined on the plate, owing to the diameter of the head, as well as the diameter of the base, being greater than that of the opening.

The second of my aforesaid objects I am enabled to accomplish by a peculiar fold, hereinafter described, of the strap end through the loop-eyes at opposite ends of the plate, and thus at opposite sides of the button-opening therein. My improved strap-fastening, moreover, affords incidentally the further advantage of tightening the button in its position on the plate-opening, as is hereinafter explained.

In the accompanying drawings, Figure 1 shows by a perspective view a hose-supporter provided with my improvements in its position of use. Fig. 2 is a similar enlarged view of the garment-fastening members of the attachment on their carrying-strap. Fig. 3 is an enlarged longitudinal section through the button-plate and button, showing the manner of connecting them and also the manner of fastening the strap to the plate without stitching, whereby it holds the button at its expanded base. Fig. 4 is a plan view of the plate in the form in which I prefer to provide it. Fig. 5 is a perspective view of the button in its preferred form, and Fig. 6 is a plan view of a modified form of the plate suitable for my purpose.

A is a hose-supporter (shown as of a well-known variety) involving a garter-band  $a$ , having fastening members  $a'$  and  $a^2$  at its opposite ends, from one of which depends the strap  $b$ , having sewed upon it between its ends the loop  $c$  to engage in the usual manner and for the usual purpose with a button fastened on the strap near its free end. While the illustration in Fig. 1 shows a man's garter, my improvement is also designed for use with a woman's hose-supporter.

B is the button, comprising the head  $d$ , the neck  $d'$ , the shoulder  $d^2$ , and the base  $d^3$  of greater diameter than the head. The head  $d$  is formed of readily-yielding rubber, and the entire button is preferably formed in one piece of the same material, though it is only necessary for my purpose that the head shall be yielding.

C is the button-plate, preferably of metal and formed in any desired shape, but provided, essentially, with a button-opening  $e$  of smaller diameter than the button-head. At opposite sides of the opening  $e$  the plate is provided with the similar eyes  $f$  and  $f'$ , through which to loop the strap  $b$  in the manner hereinafter described.

Instead of stamping or otherwise forming the plate C out of sheet material like that represented in Fig. 4 it may be formed by bending wire into the desired shape to produce the opening  $e$  and the eyes  $f$  and  $f'$ , as represented in Fig. 6.

To connect the button with its holding-



plate, the button-head is crowded through the plate-opening, into which it is preferred also to crowd the shoulder  $d^2$  for the purpose of the tendency thereby produced to hold the button against turning. As will therefore be seen, while the button, owing to the yielding quality of its head, may be readily combined with its holding-plate the head prevents it from dropping out of the plate and in the event of the button breaking another may be readily substituted for it, thereby maintaining the usefulness of the entire attachment instead of rendering it useless by the impairment of the mere button.

The provision of the eyes in the ends of the plate enables me to fasten securely thereto the strap  $b$  without stitching it, as shown in Fig. 3 and described as follows: The strap is first passed at the front side of the plate through the eye  $f$ , then carried across the back of the plate and over the button-base  $d^3$ , and passed through the eye  $f'$ . The strap is thence carried over the adjacent end of the plate, across its back, and over the opposite end to the front side, where the strap end is passed through the eye  $f$  between the strap-sections then embracing the end of the plate containing the last-named eye. By pulling the strap taut in the plate-eyes it clamps its final end section  $z$  firmly between the folded sections embracing it, thereby securely fastening the strap against withdrawal from the plate and also covering with the web material composing the strap the entire surface of the back of the plate to interpose it as a protecting-shield between the plate and the flesh of the user. It will also be seen that the taut condition of the strap on the plate causes it to bear firmly against the base of the button, and thus tend to hold the button against movement and against turning in the plate-opening, thereby supplementing the hold at the button-shoulder  $d^2$ , if provided.

What I claim as new, and desire to secure by Letters Patent, is—

1. A combined button and plate for a garment-supporter, comprising, in combination, a button having a soft-rubber head, and a plate having a button-receiving opening of smaller diameter than that of said head, and through which said button-head is inserted, substantially as and for the purpose set forth.

2. A combined button and plate for a garment-supporter, comprising, in combination, a button having its head and a shoulder both formed of soft rubber, and a plate having a button-receiving opening of smaller diameter

than that of either said head or shoulder, and through which said button-head is inserted, substantially as and for the purpose set forth.

3. A combined button and plate for a garment-supporter, comprising, in combination, a button formed entirely of soft rubber and having a head, a shoulder and a base, and a plate having a button-receiving opening of smaller diameter than that of either said head or shoulder and through which said button-head is inserted, substantially as and for the purpose set forth.

4. In a garment-supporter, the combination of a plate having an eye at each end and an intermediate button-opening and a button having a soft-rubber head of greater diameter than said opening and inserted therethrough, and the loop-carrying strap passed through said eyes and folded on the plate to cover its entire back surface and the base of the button and clamp between portions of the strap its end and thereby secure it to the plate without stitching, substantially as described.

5. In a garment-supporter, the combination of a plate having an eye at each end and an intermediate button-opening, a button having its head and a shoulder both formed of soft rubber and each of greater diameter than said plate-opening, through which opening the button-head is inserted, and the loop-carrying strap passed through said eyes and folded on the plate to cover its entire back surface and the base of the button and clamp between portions of the strap its end and thereby secure it to the plate without stitching, substantially as described.

6. In a garment-supporter, the combination of a plate having an eye at each end and an intermediate button-opening, a soft-rubber button having a head and a shoulder each of greater diameter than said plate-opening through which the button-head is inserted and in which said shoulder is confined, and the loop-carrying strap passed from the face of said plate through one of its eyes thence over the back of the plate and the button-base through the other eye and folded over the adjacent plate edge backward over the back of the plate and over its opposite edge and passed at its end through the first eye between the adjacent strap-folds which clamp the strap end in place, as and for the purpose set forth.

MOSES H. EISEMAN.

In presence of—

ALBERT D. BACCI,  
WM. B. DAVIES.