

No. 737,262.

PATENTED AUG. 25, 1903.

J. L. MOON.
GARMENT SUPPORTER.
APPLICATION FILED OCT. 16, 1902.

NO MODEL.

Fig. 1.

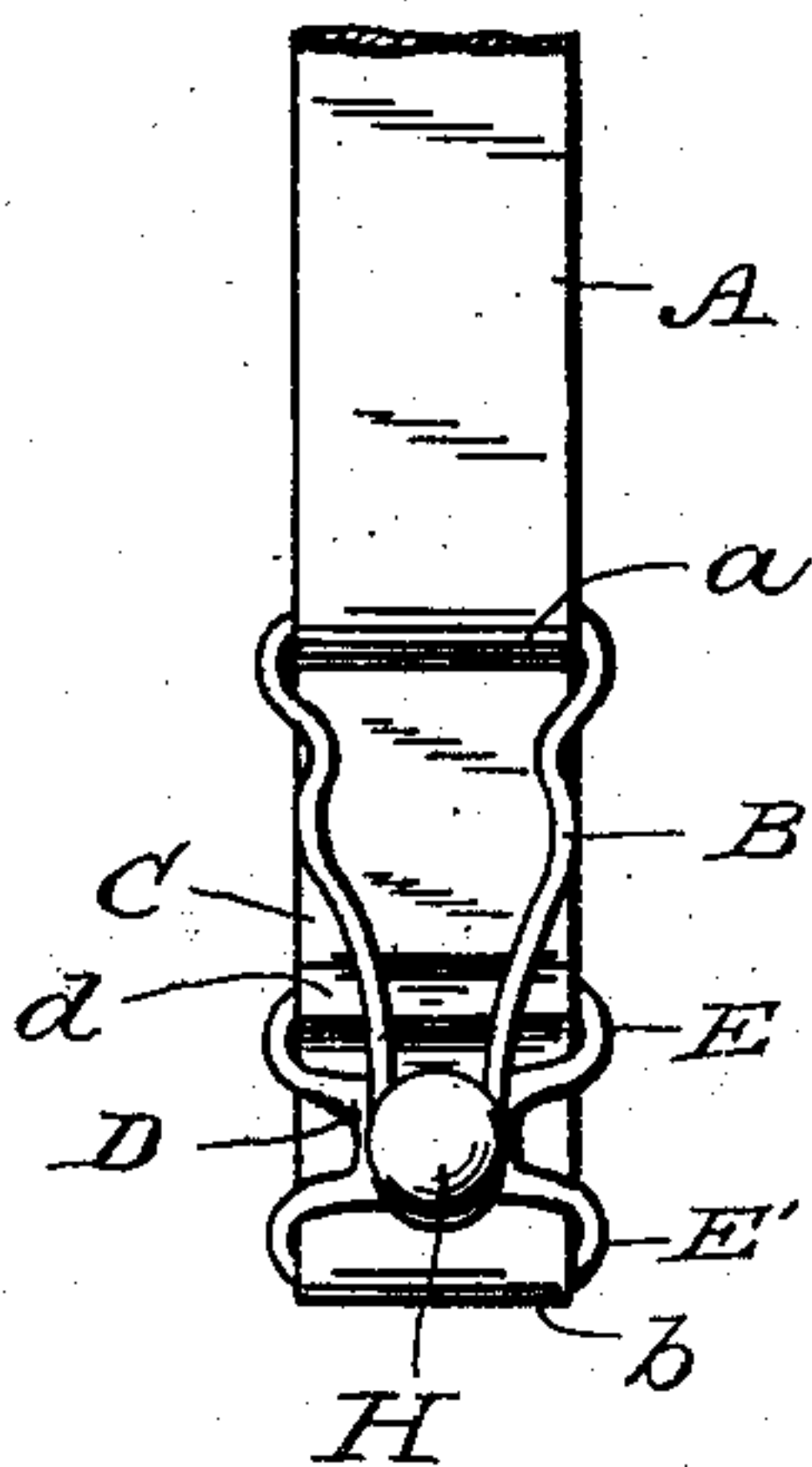


Fig. 2.

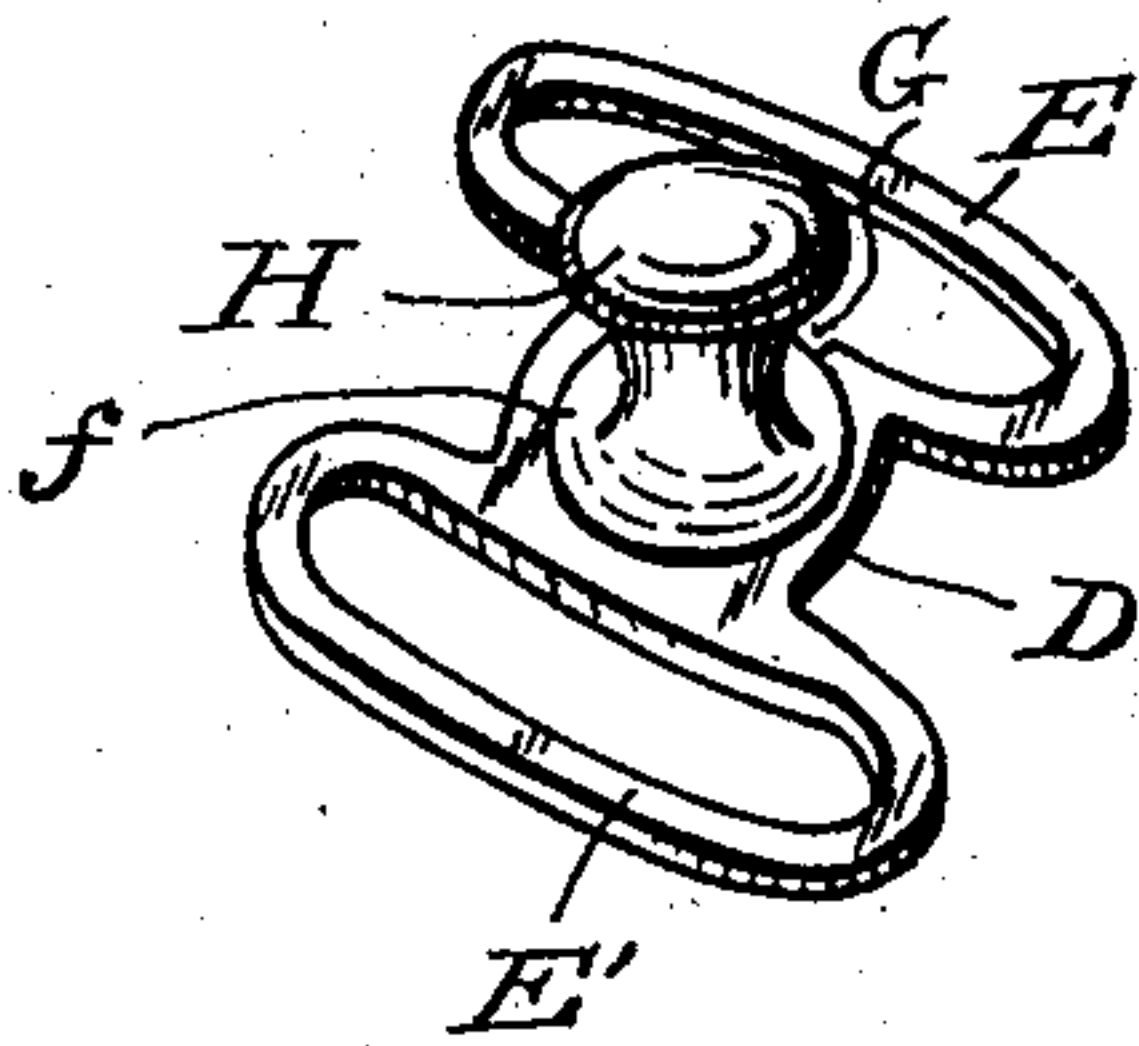


Fig. 3.

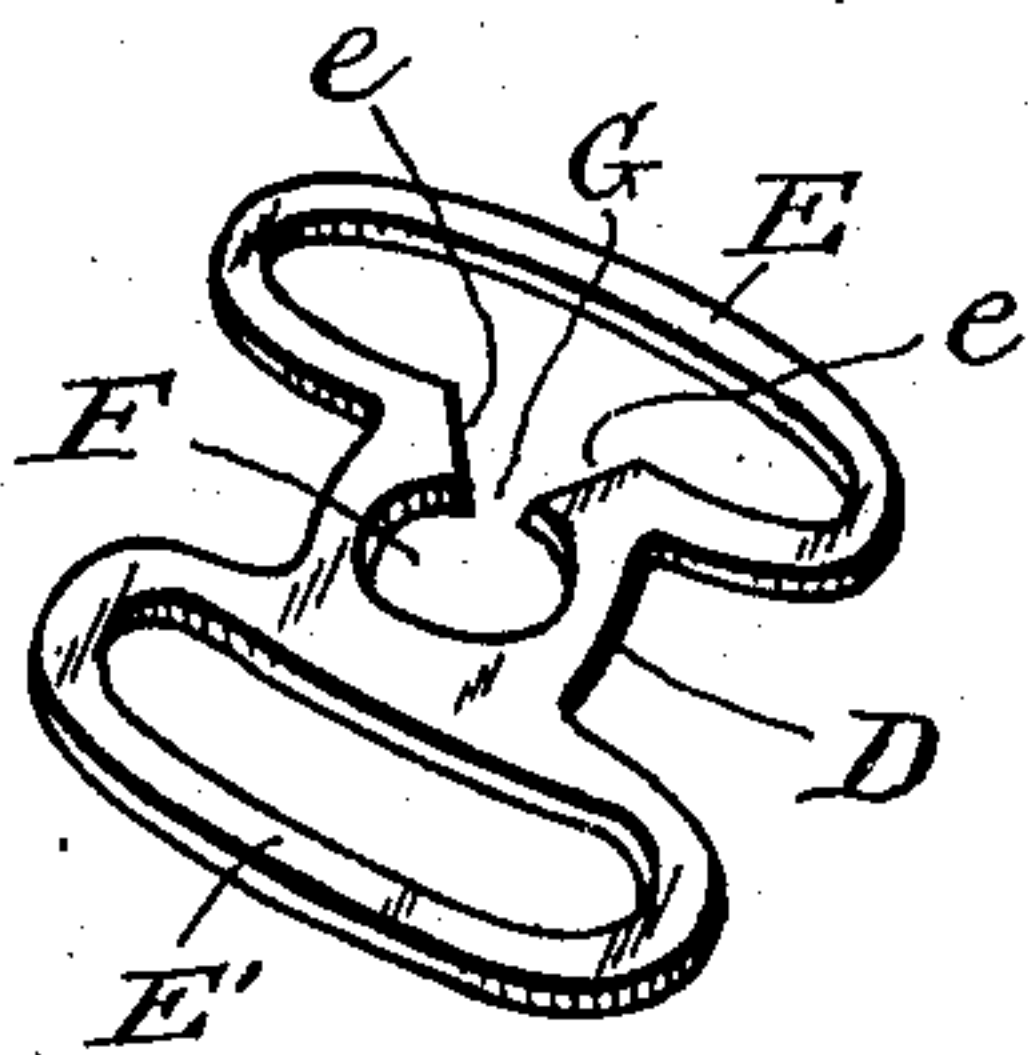


Fig. 4.

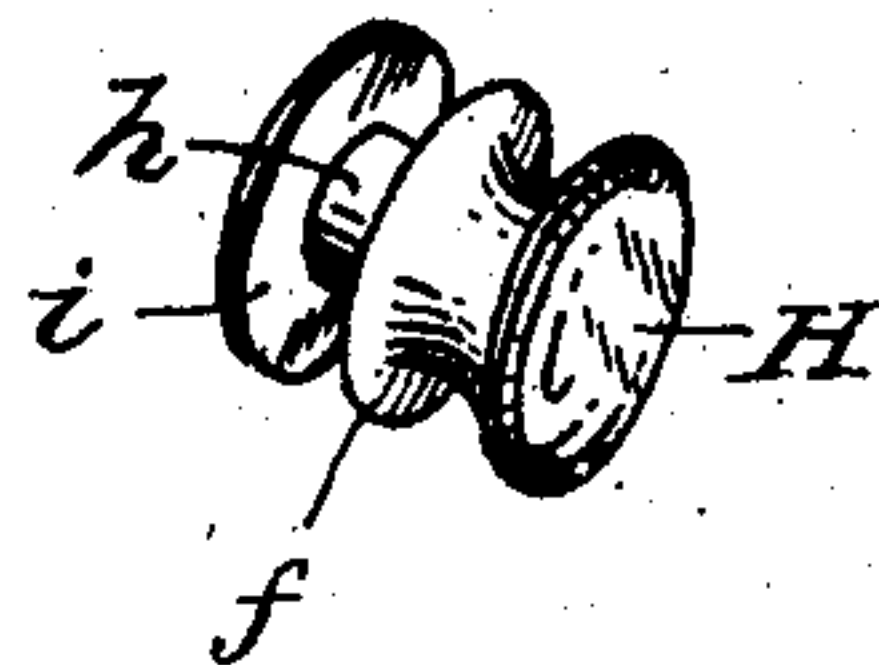
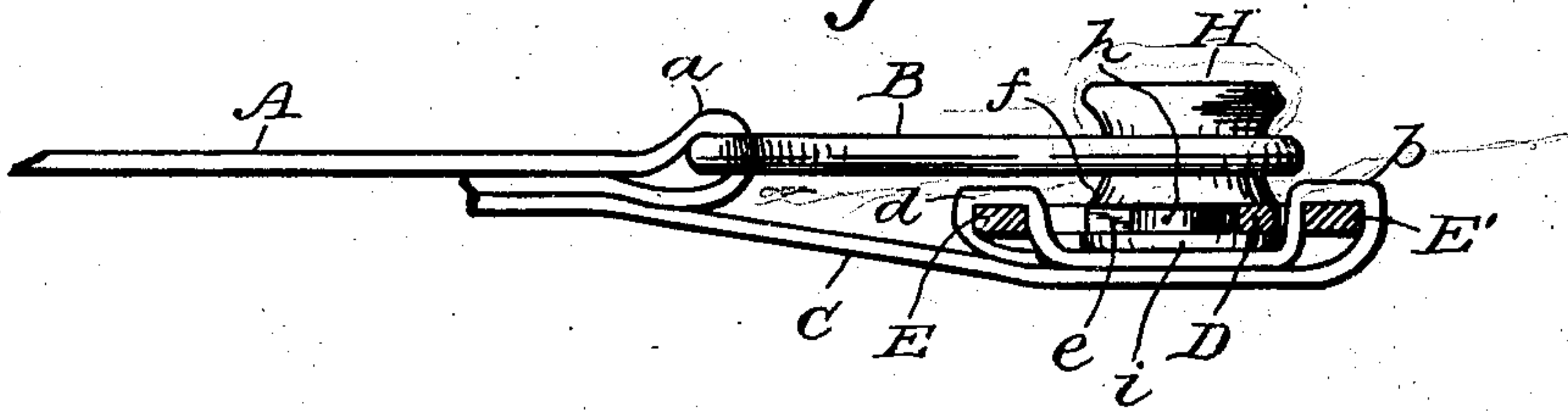


Fig. 5.



WITNESSES:

Dow W. Vorhies.
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UNITED STATES PATENT OFFICE.

JOHN L. MOON, OF INDIANAPOLIS, INDIANA.

GARMENT-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 737,262, dated August 25, 1903.

Application filed October 16, 1902. Serial No. 127,524. (No model.)

To all whom it may concern:

Be it known that I, JOHN L. MOON, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented new and useful Improvements in Garment-Supporters; and I do declare the following to be a full, clear, and exact description of the invention, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to garment-supporters of the class that are employed in connection with hosiery and the like; and it has reference more particularly to the type in which is comprised a clasp composed of an inflexible plate attached to flexible material, a stud attached to the plate, and a loop attached to the flexible material, so as to engage the stud with the top of the hosiery between the stud and the loop.

The object of the invention is to cheaply provide a studded inflexible plate of the character described for such clasps, of which the stud may be flexible as well as elastic, so that the objections to hard or inflexible studs for the purpose referred to may be eliminated.

My invention consists in a clasp-plate having an aperture therein to receive the stud-base, and a stud having an elastic base forced into the aperture and held therein solely by reason of the inherent elasticity of the base; and the invention consists, further, in the novel parts and in the combination and arrangement of parts, as hereinafter particularly described and claimed.

Referring to the drawings, in which similar reference characters indicate like parts, Figure 1 represents a front plan view of that portion of a supporter which is designed to engage the stocking or hose top, my invention being embodied therein; Fig. 2, a perspective view of the complete clasp-plate and stud; Fig. 3, a perspective view of the clasp-plate; Fig. 4, a perspective view of the stud; and Fig. 5 a fragmentary side view of Fig. 1, showing the clasp-plate in central section.

In the drawings, A designates the suspender part of the supporter, that is composed of suitable fabric and in some cases may be elastic and may be connected to any suitable supporting device, as a belt or a corset, and

its upper end may be provided with a clasp like that at its lower end, if desired, whereby to attach it to underwear. The loop B is of well-known form, composed of metal, and may be attached at its broader end either directly to the lower end *a* of the suspender part A or indirectly connected therewith. At about the point of connection of the two parts A and B a strap C is connected with the part A and the strap may be made the means for connecting the parts A and B, if preferred. The strap is flexible and non-elastic, preferably composed of woven fabric, and extends beneath the loop B. The clasp-plate D, having eyes E E' at opposite ends, is attached in a well-known manner to the strap C, as by looping the strap at *b d* to the eyes. A suitable stud is attached to the clasp-plate, and the loop B coacts with the stud to engage the garment.

As above described, the several elements are well known and are employed herein in illustrating the construction and applicability of my invention.

The plate D may be composed of any suitable metal and its shape varied somewhat according to fancy. It is provided approximately at its center with a substantially circular aperture F, preferably having a side entrance thereto formed by cutting a slot G in the body of the plate extending from the aperture. The opposing edges *ee* of the metal at the sides of the slot are inclined divergently from the aperture, so as to form a V-shape throat, the smaller end of which is considerably contracted at the aperture, so as to have a width less than the diameter of the aperture.

The stud H has a suitable body and a head of greater diameter than the body, and it has a base *f*, adapted to rest upon the plate D. A shank *h* extends from the center of the body-base, and a collar *i* is attached to the end of the shank, both being preferably integral parts of the stud, the whole being preferably composed of rubber composition or other suitable elastic material, so as to be somewhat yielding, yet stout enough to withstand the service for which it is designed. The studs may be cheaply molded, and it is designed that when connected to the plate D the base *f* and the collar *i* shall both be forced against the surfaces of the plate by means of

the elasticity of the shank *h*, the latter fitting closely in the aperture *F*. In thus attaching the stud to the plate the collar *h* may be forced through the aperture *F* and then spread
5 out against the farther side of the plate, (the bottom thereof,) or the shank may be forced laterally through the slot *G*, if one is provided, the collar being in the operation pushed
10 through the eye to the opposite side of the plate, if the slot opens into the eye. It will thus be seen that the plates may be cheaply stamped out and the studs be separately produced quite inexpensively, while the two parts may be connected at one handling without re-
15 quiring the use of machinery in the operation.

In practical use the clasp may be operated in the same manner as others of similar general construction heretofore employed, and inasmuch as the stud may be quite flex-
20 ible the device may be used for various other purposes not at present contemplated.

Having thus described my invention, what I claim as new is—

1. In a garment-supporter, the combination
25 with the clasp-plate having the eyes at opposite ends thereof and the aperture between the eyes, of the body portion between said

aperture and one of said eyes provided with the slot extending through said body portion from said eye to said aperture, the portion of
30 the slot at the eye being wider than at the aperture, and narrower at said aperture than the diameter thereof, and the stud in said aperture having flanges extending over said slot, as shown. 35

2. In a garment-supporter, the herein-described clasp-plate having the slot in the body portion thereof, the sides of the slot converging toward the center of the plate, the body
40 portion having an aperture at the narrower end of said slot that is greater in diameter than the said narrower end and less than the wider end of said slot, said body portion having an eye opening into the wider end of said slot, in combination with the stud seated in
45 said aperture and having the flanges extending over said slot, substantially as shown.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN L. MOON.

Witnesses:

HARRY D. PIERSON,
E. T. SILVIUS.