

No. 725,360.

PATENTED APR. 14, 1903.

J. H. PILKINGTON.
HOSE SUPPORTER.

APPLICATION FILED APR. 16, 1902.

NO MODEL.

Fig. 1.

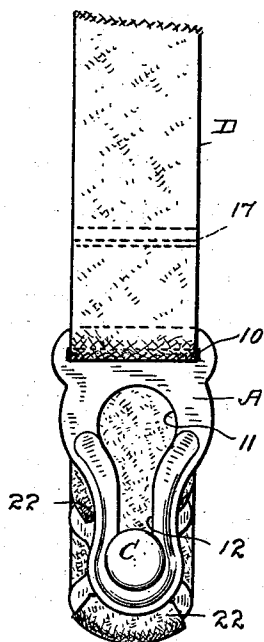


Fig. 2.

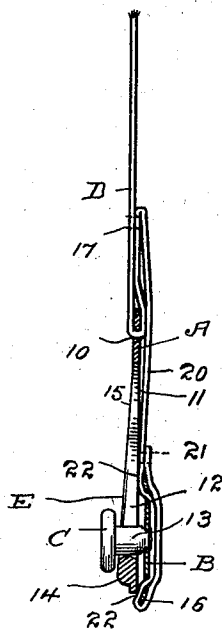


Fig. 3.

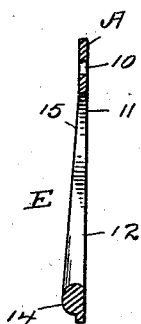
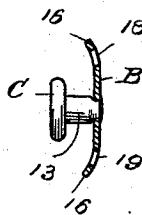


Fig. 4.



WITNESSES.

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UNITED STATES PATENT OFFICE.

JOSEPH H. PILKINGTON, OF WATERBURY, CONNECTICUT.

HOSE-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 725,360, dated April 14, 1903.

Application filed April 16, 1902. Serial No. 103,172. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH H. PILKINGTON, a citizen of the United States, residing at Waterbury, county of New Haven, State of Connecticut, have invented a new and useful Hose-Supporter, of which the following is a specification.

My invention relates to the class of garment-supporters in which a loop of the stocking or other garment to be retained is placed over a stud and is held by a wire or sheet-metal loop having an opening through which the stud with the fold of garment thereon may be passed freely and below the opening a slot into which the neck of the stud with the fold of garment thereon may be drawn; and my invention has for its object to provide a garment-supporter of this class which shall be simple and inexpensive to produce, will hold either a thick or thin stocking securely, but without tearing it, and may be easily operated to attach or detach a stocking or other garment.

With these ends in view I have devised the simple and novel stocking-supporter of which the following description, in connection with the accompanying drawings, is a specification, reference characters being used to designate the several parts.

Figure 1 is an elevation of my novel stocking-supporter on a greatly-enlarged scale; Fig. 2, a longitudinal section thereof; Fig. 3, a longitudinal section of the loop detached; and Fig. 4 is a view of the stud and stud-plate detached, the stud-plate being in section.

A denotes the loop of my novel supporter; B, the stud-plate; C, the stud which is riveted or otherwise rigidly secured thereto, and D a strip of textile material to which it is attached. The loop is provided with the usual slot 10 to receive the textile material, opening 11, through which the stud with the fold of stocking thereon may be passed freely, and below the opening with a slot 12, into which the shank 13 of the stud with a fold of stocking thereon may be drawn. The novel feature of the loop lies in the fact that one face is perfectly flat and the other made in the form of a cam—that is to say, the loop is provided with a tapering thickened portion surrounding the slot, the thickest portion being

at the lower end, as at 14, and the thickness thereof diminishing upward until it runs out, as at 15, the wedge as a whole being indicated by E. This wedge-shaped loop may be used with any style of stud or stud-plate. I preferably, however, use an ordinary flat-headed stud, as shown in the drawings, but make the stud-plate concave in the plane of the longitudinal axis of the loop, as clearly shown in Fig. 4, so that the upper and lower ends of the plate, which I have indicated by 16, lie nearest to the loop, thereby giving to the stud-plate a spring action.

In use the strip of textile material is passed through slot 10 from the front, then carried above the loop and stitched, as at 17. The stud-plate is provided with an upper slot 18 and a lower slot 19. The strip of textile material is passed through slot 18 from the front, then downward and through slot 19 from the back, then downward over the lower end of the plate, and upward again over the back of the plate and is stitched to the depending portion 20 of the strip above the stud-plate, as at 21, thus forming cushions 22 of the strip of textile material at the upper and lower ends of the stud-plate, which with the spring action of the stud-plate itself form a yielding backing against which the fold of stocking is pressed as the loop is drawn upward, the fold of stocking being thus doubly gripped between the under side of the head of the stud and the wedge and between the wedge and the yielding backing formed by the spring stud-plate and the upper and lower cushions, more especially, of course, the lower cushion.

I am aware that it is old to provide a stocking-supporter with a clasp formed of a slotted plate of approximately wedge shape, and I do not make claim to such a structure, my invention being designed to overcome some of the discomforts and inconveniences arising from the use of such structure. Furthermore, it will be seen that the opposing faces of the loop and stud-plate between the cushions 22 are exposed relatively to each other, the strip of material being carried around the back of the plate, and therefore being secured thereto at points coinciding with the greatest distance between the slots 18 and 19. There is thus provided a spring-mounting for the stud which will permit the latter to move forwardly

to a maximum degree, and thus permit the stud to move along the wedge portion of the loop a sufficient distance to hold the stocking securely even though the latter be of heavy material, and this movement of the stud and stud-plate is had without placing any strain whatever on the strip of material or its fastenings, thereby preventing wear on the strip while the supporter is in use, and especially when the supporter is being attached or detached from the stocking, and when an upward pull is placed on the supporter, such as caused by the movement of the body where the supporter is attached to a waistband, the tendency in such case being to tighten the wedge action and change the curvature of the spring-bearing.

It will be readily understood that the binding engagement of the stud and loop may be had when the stud is above the lower end of the slot in the loop and that a further downward movement of the stud in said slot under the tension of wear, such as above set forth, will not materially increase the binding effect of the two parts, the yielding movement of the stud-plate preventing the formation of a binding engagement which would tend to de-

stroy the stocking or other garment to which the device is applied.

Having thus described my invention, I claim—

In a stocking-supporter, the combination with a loop having an opening and a slot and a wedge surrounding the slot and tapering upward, of a stud and slotted stud-plate curved in the plane of the longitudinal axis of the loop to form a spring-bearing, and a strip of textile material to which said loop and stud-plate are secured, said material passing around the rear side of the stud-plate and through the slots thereof, the opposing faces of the loop and plate being exposed relatively to each other, the space between said opposing faces permitting a maximum movement of the stud relatively to the loop, said material and its connections with said plate being free from strain during such movement.

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

JOSEPH H. PILKINGTON.

Witnesses:

C. H. BRONSON,
EUGENE BURMAN.