

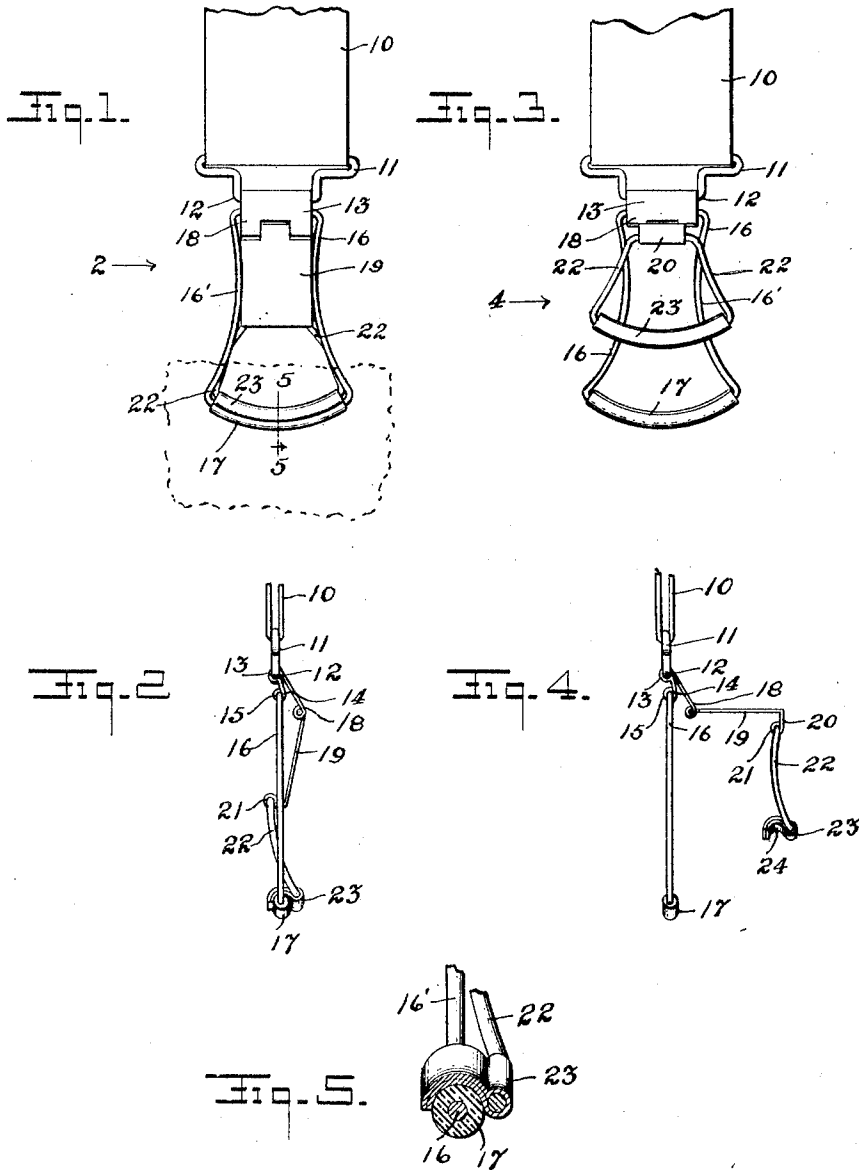
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GARMENT SUPPORTER

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## GARMENT SUPPORTER

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This invention relates to garment supporters, and has for an object to provide a supporter of improved type, embodying features of reliability and convenience of operation.

A further object of the invention is to provide a holder especially, though not exclusively, adapted for supporting hosiery, presenting improved means for engaging the hosiery, whereby a more efficient engagement is provided.

It is well known that hosiery supporters, as ordinarily employed, are prone to damage the hosiery, such damage resulting in fractures, and more especially the feature known as "runs". Such damage is caused by the relatively small area of engagement between the engaging means and the hosiery, and by the unyielding qualities of the attaching part.

The present invention therefore, provides a large area of attachment with the hosiery, or other garment, and so constructed of yielding parts that damage to the hosiery or other garment does not result.

The invention comprises an arcuate stirrup, preferably covered with yielding material, and resiliently supported, with a clamping member, complementary to the arcuate form of the stirrup, with yielding means for clamping such member upon the stirrup and latching it in such clamped position.

The invention is directed to other objects and possesses other features of novelty, some of which, together with the foregoing, will be hereinafter more fully set forth.

In the drawings:—

Figure 1 is a view of the supporter connecting member in front elevation, shown in clamping position,

Figure 2 is a view in edge elevation, as indicated by arrow 2 at Figure 1,

Figure 3 is a view in front elevation, of the engaging member open, in position to have the hosiery, or other garment, applied thereto,

Figure 4 is a view in edge elevation, of the device in the position shown by the arrow 4 at Figure 3, and

Figure 5 is a sectional view, transversely

of the stirrup, and clamping member, taken on line 5—5 of Figure 1, and on an enlarged scale.

Like characters of reference indicate corresponding parts throughout the several views.

The improved garment supporter, which forms the subject matter of this application, is of the type generally referred to as hose supporters and such references, in the specification and claims, will be construed merely as a convenient term, it being understood that the device may be applied in many other garment supporting relations and even for purposes foreign to garments.

When used as a hose supporter, a webbing, usually of elastic material, will be employed, but such webbing forms no part of the present invention. A loop 11, connects the invention with the webbing or other part, and is made of such shape, size, and configuration, as to correspond to the webbing or other structure to which it is connected.

It provides a part 12, serving as a pintle for the clip member 13. This clip member 13, is provided with a branch 14, having a loop 15, into and through which, is pivoted the wire 16 forming a part of the stirrup. This wire 16, is curved, or bent, inwardly, as indicated at 16' for the purposes that will be hereinafter more apparent. At its lower end, opposite its pivoting to the clip 13, it is formed as an arc, which is preferably covered by a resilient or yielding tubular member 17. The wire 16 and the arcuate part 17 form a stirrup with the curve 16', providing the necessary resiliency.

The clip 13 also is provided with a branch 18, to which, is hinged a leaf 19. The leaf 19 has a bend 20, shown as substantially at right angles, which angle is preferably, though not essential. The end of the bend 20, has a loop 21, and pivoted therein, is a wire loop 22. The sides of this wire loop 22 diverge, as indicated at Figures 1 and 3, and at the position opposite the loop 21, is formed as an arc, and thereto is applied an arcuate clamping member 23. This arcuate member extends, as will be noted, at one side of the wire loop 22, as shown more particularly at Figures 4 and 5, and forms a concave saddle 24.

The concavity of this member 23, corresponds substantially to the exterior diameter of the member 17 of the stirrup. As shown in the drawings, this member 23 is composed of  
 5 sheet metal, folded about the arcuate part of the wire loop 22. By reason of the arc formation, the metal part will be held against rotation relative thereto, and to maintain its angular position. It is obvious that this part  
 10 may be covered by fabric, if found necessary or desirable, but merely for simplicity of showing and making the device more understandable, it has not been complicated by such additional feature.

15 In operation, the device will be open as shown at Figure 3, and the hose, or garment, applied by inserting the stirrup 17 back of the garment, or inside of the hose. The clamping member 23 is now brought down so that  
 20 the saddle 24 covers the garment section and stirrup 17. This is done by applying stress to the leaf 19, which will move the device to the position shown at Figures 1 and 2. The relative dimensions of the part composed  
 25 of the wire loop 22 and the curvature 16' of the stirrup, is such that the sides of the wire loop 22, will, by the application of force, slip through between the wire 16' to the position shown more clearly at Figure 2, and will  
 30 be held against unlatching. Such unlatching is also resisted by the fact that the hinge in the loop 21, is offset from the line connecting the hinge of the leaf 19, with the point of stress between the member 23 and the stirrup 17. This latter results in holding the  
 35 device in latched position. The leaf 19 is of such width as to also bear upon the wires 16' to prevent the device passing through the stirrup.

40 The member 13, being pivoted at 12, 15 and 18, may act as a lever, with the pivot 15 as a fulcrum, and may, therefore, be moved to raise the clamping member 23 off of the stirrup member 17 to provide the necessary interval to accommodate a fabric. With a fabric inserted the stress of the webbing 10 will  
 45 tend to force the clamping member 23 more firmly to seat, so that the greater the stress, the greater will be the clamping force.

50 Thus latched, the hose or other garment, is firmly clasped between the very expansive area represented by the resilient member 17 of the stirrup, and the saddle 24, so that the supporting stress is expended over the curvature of such area receding by reason of such  
 55 curvature in the direction of the stress of the garment so as to prevent fracturing of the garment.

60 For removing from the garment, it is only necessary to lift the leaf 19, which may be done from either side of the attaching member, to remove the wire loop 22 of the clamping member from between the resilient side  
 65 16', whereupon the device will assume the po-

sition shown at Figures 3 and 4 wholly releasing the garment.

Of course, the garment supporter, herein illustrated, may be modified in various ways without departing from the invention herein  
 70 set forth and hereinafter claimed.

The invention is hereby claimed as follows:

1. A hose supporter comprising a stirrup embodying curved resilient side members merging into an arcuate part circular in cross  
 75 section, and a clamping member having means pivotally connected with the stirrup and also having an engaging part grooved transversely complementary to the circular part of the stirrup and curved longitudinally  
 80 to correspond to the arc with side members properly proportioned and positioned to slip between the curved resilient side members to latching position.

2. A hose supporter comprising a rigid  
 85 clip, a stirrup hingedly connected to the clip and comprising divergently curved resilient side members merging to form an arcuate connecting part, a cover for the arcuate part substantially circular in cross section, a  
 90 clamping organization comprising a leaf hinged to the clip, a clamping unit hinged to the leaf and comprising diverging resilient members merging to form an arcuate connecting part, said arcuate connecting part carry-  
 95 ing a clamping member having a groove formed therein complementary to the circular formation of the cover of the stirrup, said side members of said clamping unit being properly proportioned to slip between the resilient side member of the stirrup to latching  
 100 position.

3. A hose supporter comprising in combination a stirrup having a garment engaging bar transversely convex, a clamping member  
 105 embodying a saddle transversely concaved proportioned to fit over the stirrup bar to clamp material therebetween, means connecting the stirrup and clamping member together, said clamping member and stirrup  
 110 being so proportioned that one will be resiliently retained by the other.

4. A hose supporter comprising in combination a loop, a hinge member pivoted to the loop, a stirrup having a garment engaging bar transversely convex, a clamping member  
 115 embodying a saddle transversely concaved proportioned to fit over the stirrup bar to clamp material therebetween, means connecting the stirrup and clamping member together, said clamping member and stirrup being so proportioned that one will be resiliently retained by the other.  
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5. A hose supporter comprising in combination a stirrup having spaced resiliently  
 125 expandible suspending members and a garment engaging bar transversely convex, a clamping member embodying a saddle transversely concaved proportioned to fit over the stirrup bar to clamp material therebetween,  
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means connecting the stirrup and clamping member together, said clamping member and stirrup being so proportioned that one will be resiliently retained by the other.

5 6. A hose supporter comprising in combination a stirrup having a garment engaging bar transversely convex, a clamping member having spaced side supporting members embodying a saddle transversely concaved proportioned to fit over the stirrup bar to clamp material therebetween, means connecting the stirrup and clamping member together, said clamping member and stirrup being so proportioned that one will be resiliently retained by the other.

7. A hose supporter comprising in combination a stirrup having spaced resiliently expandible suspending members and a garment engaging bar transversely convex, a clamping member having spaced side supporting members adapted to be forced between the suspending means of the stirrup and embodying a saddle transversely concaved proportioned to fit over the stirrup bar to clamp material therebetween, means connecting the stirrup and clamping member together, said clamping member and stirrup being so proportioned that one will be resiliently retained by the other.

8. A hose supporter comprising in combination a stirrup having a garment engaging bar transversely convex and longitudinally curved with the extremities of the bar upwardly inclined, a clamping member embodying a saddle transversely concaved proportioned to fit over the stirrup bar to clamp material therebetween, means connecting the stirrup and clamping member together, said clamping member and stirrup being so proportioned that one will be resiliently retained by the other.

9. A hose supporter comprising in combination a loop, a stirrup having a garment engaging bar transversely convex, a clamping member embodying a saddle transversely concaved proportioned to fit over the stirrup bar to clamp material therebetween, means connecting the stirrup and clamping member together, said stirrup and connecting means being suspended from the loop, said clamping member and stirrup being so proportioned that one will be resiliently retained by the other.

10. A hose supporter comprising in combination a loop, a hinge member pivoted to the loop, a stirrup having a garment engaging bar transversely convex, a clamping member embodying a saddle transversely concaved therebetween, means connecting the stirrup and clamping member together, said stirrup and connecting means being pivoted to the hinge member, said clamping member and stirrup being so proportioned that one will be resiliently retained by the other.

11. A hose supporter comprising in com-

bination a loop, a hinge member pivoted to the loop, a stirrup having spaced resiliently expandible suspending members and a garment engaging bar transversely convex and longitudinally curved with the extremities of the bar upwardly inclined, a clamping member having spaced side supporting members adapted to be forced between the suspending means of the stirrup and embodying a lateral offset, a saddle transversely concaved proportioned to fit over the stirrup bar to clamp material therebetween, means connecting the stirrup and clamping member together, said stirrup and connecting means being pivoted to the hinge member, said clamping member and stirrup being so proportioned that one will be resiliently retained by the other.

In testimony whereof I have signed my name to this specification.

HARRY S. BOZORTH, JR.