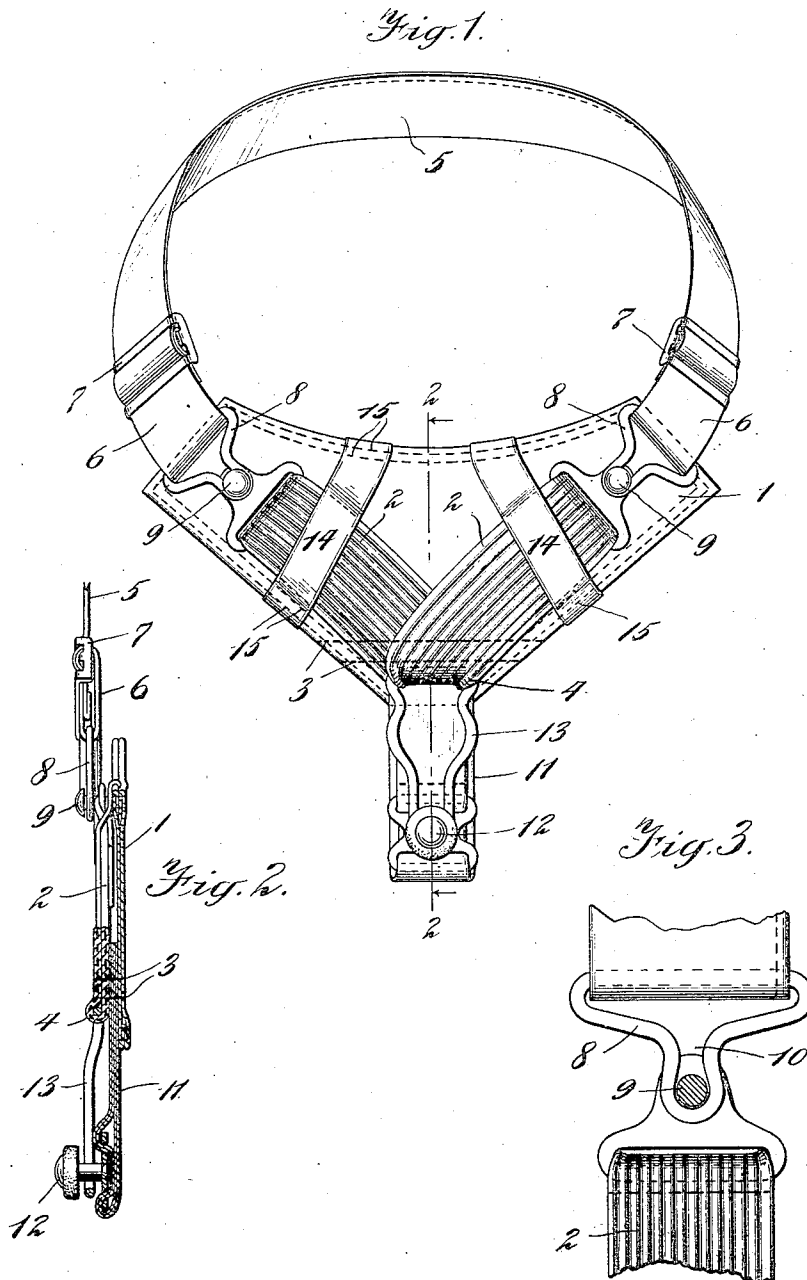


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HOSE SUPPORTER.
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Witnesses:
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ADOLPH H. COHN, OF LARCHMONT, NEW YORK.

HOSE-SUPPORTER.

1,085,019.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ADOLPH H. COHN, a citizen of the United States, residing at Larchmont, in the county of Westchester and State of New York, have invented certain new and useful Improvements in Hose-Supporters, of which the following is a specification.

My invention relates generally to new and useful improvements in hose supporters, and more particularly to hose supporters of that character or type which are adapted to encircle the limb of the wearer below the knee and provided with a suitable engaging device to be attached to the upper end portion of the leg of a half-hose.

The invention consists in the construction and improvements to be fully described hereinafter and the novelty of which will be particularly pointed out and distinctly claimed.

I have fully and clearly illustrated my invention in the accompanying drawings to be taken as a part of this specification and wherein:

Figure 1 is a view in elevation of a hose supporter embodying my invention as it appears when worn. Fig. 2 is a sectional view on the line 2—2 of Fig. 1. Fig. 3 is a detail view, partly in section, of the fastening device.

Referring to the drawings by characters of reference, 1 designates a pad member which is preferably triangular in form and which, when the supporter is adjusted to the limb, as hereinafter described, assumes substantially the position shown in Fig. 1 of the drawings, on the inside of the limb. This pad may be of any material or substance which will adapt it for the purposes for which it is intended, but I prefer to make it of some non-absorbent water-proof material, such, for instance, as oiled silk, cork or rubber-treated fabric, so that it will not absorb, or be affected by, the moisture from the body. It will be noted that, when this pad is in use, one of its angles extends downwardly, and the other two angles laterally. Mounted upon this pad are diverging flexible, elastic members 2—2 which are secured on the pad adjacent the lower end of the latter and diverge upwardly from each other, and lying on the outer surface of the pad, said members being of any suitable

elastic material, such, for instance, as elastic webbing, and being free to stretch and retract longitudinally on the surface of the pad. The specific construction and arrangement of these members is capable of wide variation, but I prefer to form them of a single piece of webbing folded into V-shape, as shown in Fig. 1, and secured in place on the pad by transverse lines of stitches 3 extending across the pad and the members at a point slightly above the folded line of the latter, so as to leave a small depending loop portion 4 which serves a purpose to be presently described.

5 designates a limb-encircling band which is also preferably made of water-proof non-absorbent material which may be inelastic in the direction of its length, if desired, the ends of said band being looped, as shown at 6, and secured to slide buckles 7 on the body of the band to form loops at the ends of said band, and also in order to provide for an adjustment of the length of the latter. Secured in each of these loops on the limb-encircling band is a resilient wire loop member 8, which loop members are adapted to cooperate with the shanks of button members 9, one of which is carried by the free end of each of the elastic members mounted on the pad 1 to connect the band 5 to said members. Each of the loop members 8 is provided with a constricted entrance 10 of smaller width than the diameter of the shank of the button with which it cooperates so that the loop at its entrance will spring about the said shank when engaged therewith, and hold the latter against accidental disengagement.

I desire it understood that I do not wish to be limited to the exact construction of the fastening devices for connecting the ends of the limb-encircling band with the elastic members, as other fastening devices may be employed without departing from the spirit and scope of my invention.

Carried at the lower end or apex of the triangular pad is a depending tab of flexible material 11 preferably water-proof and non-absorbent, which tab carries a button member 12 with the shank and head of which is adapted to cooperate a wire button loop 13, which is suspended and held in the small loop 4 heretofore described formed at the

fold line of the elastic members 2--2, for convenience in manufacture, said wire loop being adjusted in the said small loop previous to the securing of the elastic members to the pad. This button 12 and loop 13 serve as an engaging device to be secured to the upper portion of the hose to be supported. While the form of engaging device or clasp shown is one which is satisfactory in use and one which I desire to employ, I wish it understood, however, that I do not desire to be limited to the form shown and described, as other clasps or engaging devices may be employed.

The size and form of the pad are preferably such, and the elastic members 2, together with the loops 8 and buttons 9 employed for connecting said elastic members to the limb-encircling band 5, are so arranged and proportioned, that said loops, buttons and members will be within the boundaries of the pad, and do not come in contact with the flesh of the wearer, so that said members are protected from moisture, and the loops and buttons will not become rusted through such contact. The tab 11 serves to separate the hose-engaging device or clasp from the flesh of the wearer and prevents rusting of said device or clasp.

In order to insure the flexible members lying flat upon the surface of the pad and not moving laterally outside the boundaries of the same, I provide retaining members 14 secured at their ends, as at 15, to the pad and overlying the elastic members, but disconnected from the latter so that the bands may freely move longitudinally on the surface of the pad beneath the retaining members.

While I have termed the member 1 a pad, I do not use the term by way of limitation, as it is intended to include any element which will accomplish the results for which I employ said member; that is, a protector to protect the limb from the fastening devices and elastic members, and to keep moisture of the body from the same.

What I claim and desire to secure by Letters Patent of the United States is:—

1. In a hose supporter, a pad member, flexible members secured to the pad at one end portion and having their other end portions freely movable on the face of the pad member, a limb-encircling band connected to the free ends of said flexible members, and a hose-engaging clasp carried by the pad.

2. In a hose supporter, a pad member, flexible elastic members secured to the pad at one end portion and having their other end portions freely movable on the face of the pad member, a limb-encircling band connected to the free end portions of said flexible elastic members, and a hose-engaging clasp carried by the pad.

3. In a hose supporter, a pad member, an elastic member secured to the pad member and freely movable on the face of the same, a limb-encircling band having its ends connected to the pad and to said elastic member, and a hose-engaging clasp carried by the pad.

4. In a hose supporter, a pad member, an elastic member secured to the pad member and located wholly within the boundaries of the pad member and freely movable on the member, a limb-encircling band having one end connected to the pad, a detachable clasp for connecting the band with the end of the elastic member, and a hose-engaging clasp carried by the pad.

5. In a hose supporter, a pad member, elastic members each secured at one end to the pad member and located wholly within the boundaries of the latter each having a free upper end, a limb-encircling band connected to the said free ends of the elastic members, and a hose-engaging clasp carried by the pad.

6. In a hose supporter, a pad member, diverging elastic members each secured at one end to the pad member and located wholly within the boundaries of the latter and having free upper ends separate from each other, a limb-encircling band connected to the said free ends of the elastic members, and a hose-engaging clasp carried by the pad.

7. In a hose supporter, a pad, diverging elastic members secured to the lower portion of the pad and movable over the face of the pad and having free upper ends separate from each other, a limb-encircling band engaging the free ends of the elastic members, and a hose-supporting clasp carried by the pad.

8. In a hose supporter, a pad member, diverging elastic members secured at their lower end portions to the lower portion of the pad and movable lengthwise on the surface of the pad and having free upper ends separate from each other, a limb-encircling band connecting the free ends of the said members, and a clasp supported by the lower ends of said elastic members.

9. In a hose supporter, a pad of non-absorbent waterproof material, elastic members on the outer face of the pad and movable across the surface of the pad, said members being located wholly within the boundaries of the pad, a limb-encircling band of non-absorbent waterproof material having a clasp means connecting the ends of the elastic members, said clasp means being within the boundaries of the pad, and a hose-engaging clasp carried by the pad.

10. In a hose supporter, a pad, elastic members on the pad and movable on the face of the same, retaining members overlying the elastic members and having their end

portions secured to the pad member and permitting free movement of the elastic members on the pads, a limb-encircling band connecting the ends of the elastic members, and
5 a clasp carried by the pad.

11. In a hose supporter, a pad, a strip of elastic material folded upon itself and secured to the pad to form upward diverging elastic members movable on the face of the
10 pad and having free upper ends, a limb-encircling band to connect the free upper ends of said elastic members, and a clasp carried by the pad.

12. In a hose supporter, a triangular pad,
15 a strip of elastic material folded to form diverging elastic members and secured at the fold to the lower portion of the pad by a line of stitches, said members being movable on the face of the pad, a limb-encircling
20 band adapted to engage the upper ends of the elastic members, and a hose-supporting clasp carried by the pad.

13. In a hose supporter, a pad, a strip of elastic material doubled upon itself to form
25 diverging members and secured to the pad by a line of stitches away from the fold line to form a depending loop, a limb-encircling band adapted to engage the upper ends of the diverging members, a button supported
30 from the pad and a loop member supported from said depending loop.

14. In a hose supporter, a pad member, flexible members secured to the lower portion of said pad member and movable on the
35 face of the pad member and having separate free upper ends located within the area of said pad member, a limb-encircling band to connect the said free upper ends of said flexible members, and a hose-engaging clasp
40 carried by the pad.

15. In a hose supporter, a pad member, flexible elastic members secured to the lower portion of said pad member and movable on the face of the pad member and having upward
45 extending separate free ends located within the area of said pad member, a limb-encircling band to connect the said free ends of said elastic members, and a hose-engaging clasp carried by the pad.

16. In a hose supporter, a pad member, an elastic member secured to the pad member and movable on the face of the same and
50 having an upward extending free end, a limb-encircling band, means for connecting the ends of the band to the pad and to the free end of said elastic member, and a hose-engaging clasp carried by the pad.

17. In a hose supporter, a pad member, an elastic member secured at one end portion
60 to the lower part of the pad member and located wholly within the boundaries of the pad member and having an upward extending free end movable freely on the pad member, a limb-encircling band, means for

connecting one end of said band to the pad, 65 a detachable clasp for connecting the other end of the band with the said free end of the elastic member, and a hose-engaging clasp carried by the pad.

18. In a hose supporter, a pad member, 07 elastic members each secured at one end to a lower part of the pad member and located wholly within the boundaries of the latter, each having an upward extending free upper end, said ends being separate from each
75 other, a limb-encircling band connected to the said free ends of the elastic members, and a hose-engaging clasp carried by the pad.

19. In a hose supporter, a pad of non-absorbent material, elastic members secured
80 to the lower part of the pad and movable across the surface of the pad, said members being located wholly within the boundaries of the pad and having free upper ends, a
85 limb-encircling band connected to the said free ends of the elastic members, and a hose-engaging clasp carried by the pad.

20. In a hose supporter, a pad, elastic members on the pad and movable on the face
90 of the same and having free upper ends, retaining members on the pad for the elastic members, said retaining members consisting of straps extending transversely of the elastic members and having their ends secured
95 to the pad, a limb-encircling band adapted to engage the said free ends of the elastic members, and a hose-supporting clasp carried by the pad.

21. In a hose supporter, a pad, a strip of
100 elastic material folded upon itself and secured to the pad adjacent the lower portion thereof to form upward diverging elastic members movable on the face of the pad and having free separate upper ends, a limb-
105 encircling band connecting the free ends of elastic members, and a clasp carried by the pad.

22. In a hose supporter, a pad consisting of non-absorbent waterproof material, elastic
110 members on the outer face of the pad and movable across the face of the pad, said members being located wholly within the boundaries of the pad, a limb-encircling band of non-absorbent waterproof material,
115 the ends of which overlap the edges of the pad and are connected to the ends of said elastic members, and a clasp carried by the pad.

23. In a hose supporter, a pad consisting
120 of non-absorbent waterproof material, elastic members on the outer face of the pad and movable across the face of the pad, said members being located wholly within the boundaries of the pad, a limb-encircling
125 band of non-absorbent waterproof material, the ends of which overlap the edges of the pad and are connected to the ends of said

elastic members, a tab of waterproof non-absorbent material depending from said pad, a clasp button carried on the outer face of said tab, and a button loop on the outer face of said tab to cooperate with said button.

In testimony whereof I have hereunto

signed my name in the presence of two subscribing witnesses.

ADOLPH H. COHN.

Witnesses:

PHILIP KATZ,
GESSIE WEISS.