Dec. 29, 1931. V. LENDRESSE 1,838,688

HOSE SUPPORTER AND PROTECTOR

Filed May 2, 1930

Fig. 1.

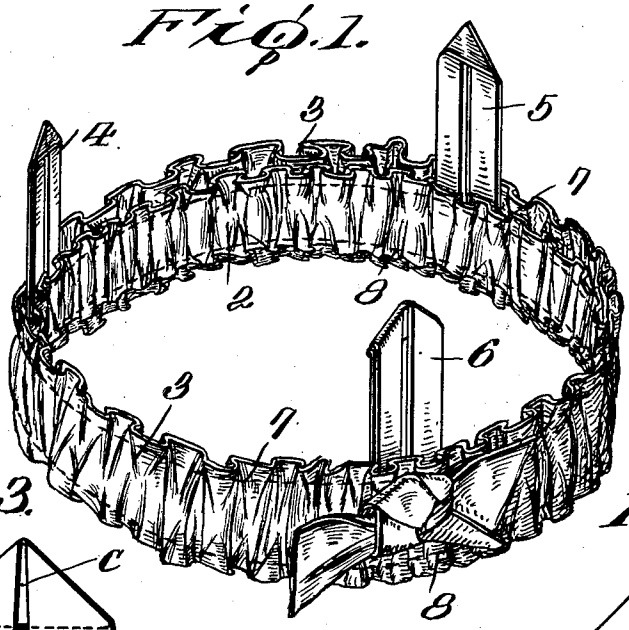


Fig. 3.

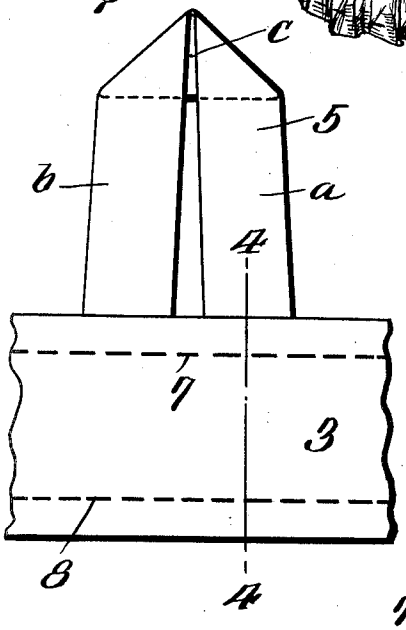
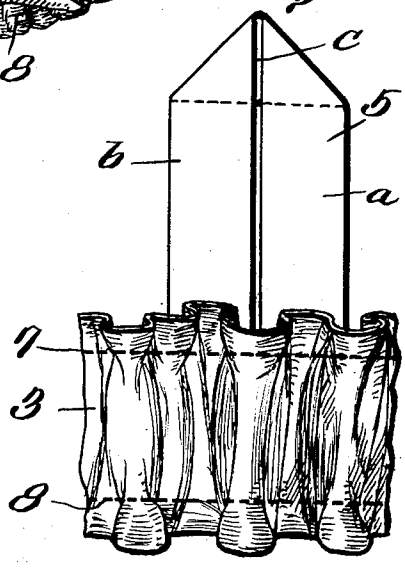


Fig. 2.



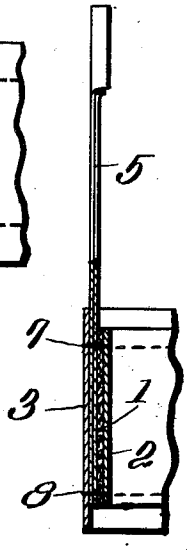


Fig. 4.

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UNITED STATES PATENT OFFICE

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HOSE SUPPORTER AND PROTECTOR

Application filed May 2, 1930. Serial No. 449,226.

The invention relates to new and useful improvements in hose supporters, and more particularly to a hose supporter of the limb circling type.

An object of the invention is to provide a hose supporter whereby the hose is properly supported by the aid of a limb encircling garter which in turn is supported by a corselette or the like.

In the drawings:

Figure 1 is a perspective view showing a hose supporter embodying my improvements;

Fig. 2 is an enlarged view of a portion of the hose supporter in the region where the tab is attached, and showing the elastic tape in a released position;

Fig. 3 is a diagrammatic view showing the hose supporter after it is stretched, and

Fig. 4 is a longitudinal sectional view on the line 4—4 of Fig. 3.

The invention is directed to a hose supporter which includes a limb encircling garter having an endless elastic tape member and a non-elastic fabric casing therefor. In order to support this limb encircling garter which in turn supports the hose, it is provided with vertical projecting tabs preferably formed from a narrow ribbon folded so as to provide two parallel portions connected at their outer or upper ends. The tabs thus formed are secured to the elastic tape. The elastic tape is stretched, the tabs placed on the elastic strip in its stretched condition, the casing is placed around the elastic tape and the ends of the tabs also while the tape is stretched, and then the casing tape and tabs in this stretched condition are directed through a stitching mechanism and the lines of the stitching not only secure the sections of the casing but also secure the casing and the tabs to the elastic tape.

Referring more in detail to the drawings, the hose supporter consists of an elastic tape member 1, the ends of which are joined to form an elastic member adapted to encircle the limb. The elastic tape member is enclosed in a fabric casing, consisting of a non-elastic inner fabric section 2, and a non-elastic outer fabric section 3. These facings may be made of silk, or other material, and are preferably proportioned so that the outer facing strip extends above and below the side edges of the elastic tape member. The limb encircling garter is adapted to be supported from the corselette by supporting tabs 4, 5 and 6. The tabs are preferably arranged at 120° apart, that is, they are equally spaced. Each tab is preferably formed of ribbon which of course is non-elastic, and includes a section *a* and *b*, which are joined by the section *c*. This is accomplished by the folding of the ribbon. The elastic tape, sections of the casing, and the tabs are all stitched together at the same time. The elastic is stretched and held in stretched condition all the time that it is being stitched. The ends of the tab sections *a* and *b* are placed against the tape, and the casing sections, together with the tabs are stitched to the elastic tape by lines of stitches indicated by 7 and 8 in the drawings. These lines of stitching extend lengthwise of the strip and pass through the fabric sections, the tabs and the tape. The stitches in each line of stitching are normally slack in the region of the tabs and in the direction of the stretch of the elastic member, therefore allowing the elastic member to be stretched to its limit without breaking the stitches. While I have shown two lines of stitching used for joining the parts, it will be understood that the fabric parts and the tabs may be stitched together in a different manner, the essential feature, however, being the stitching of the parts together while the elastic tape is stretched. The ends of the elastic tape may be secured together after the fabric sections and the tabs have been secured thereto by stitching. When the supporter is put under strain, as shown in Fig. 3, the casing will permit the stretching of the elastic tape although the casing is of non-elastic fabric sections and will also permit sections of the tab to move away from each other, thus providing a limb encircling garter which will yield throughout its entire extent both between the tabs and in the region where the tabs are joined to the elastic tape. This produces a limb-encircling garter which can

yield freely throughout its entire length and adapt itself to the limb of the wearer. When the tape is released, after the non-elastic fabric casings are secured thereto, it will ruffle or gather the fabric casing, thus giving a fluted appearance.

It is obvious that minor changes in the details of construction may be made without departing from the spirit of the invention as set forth in the appended claim.

Having thus fully described the invention, what I claim as new and desire to secure by Letters-Patent, is—

A hose supporter comprising an endless elastic limb-encircling member, a non-elastic fabric casing, and non-elastic supporting tabs projecting upward from said casing, and lines of stitching securing together said casing, tabs and elastic member, the stitches in each line of stitching joining the casing, tabs and elastic member being normally slack in the region of the tabs and in the direction of the stretch of the elastic member whereby said elastic member may be stretched to its limit without breaking the stitches.

In testimony whereof, I affix my signature.

VICTORIA LENDRESSE.