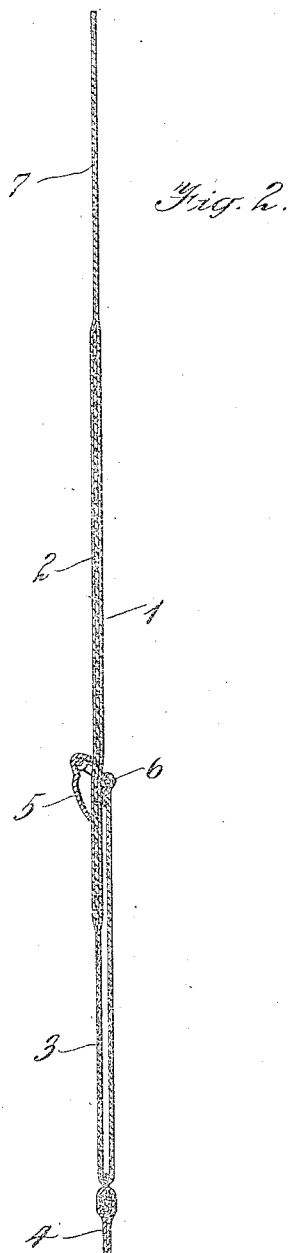
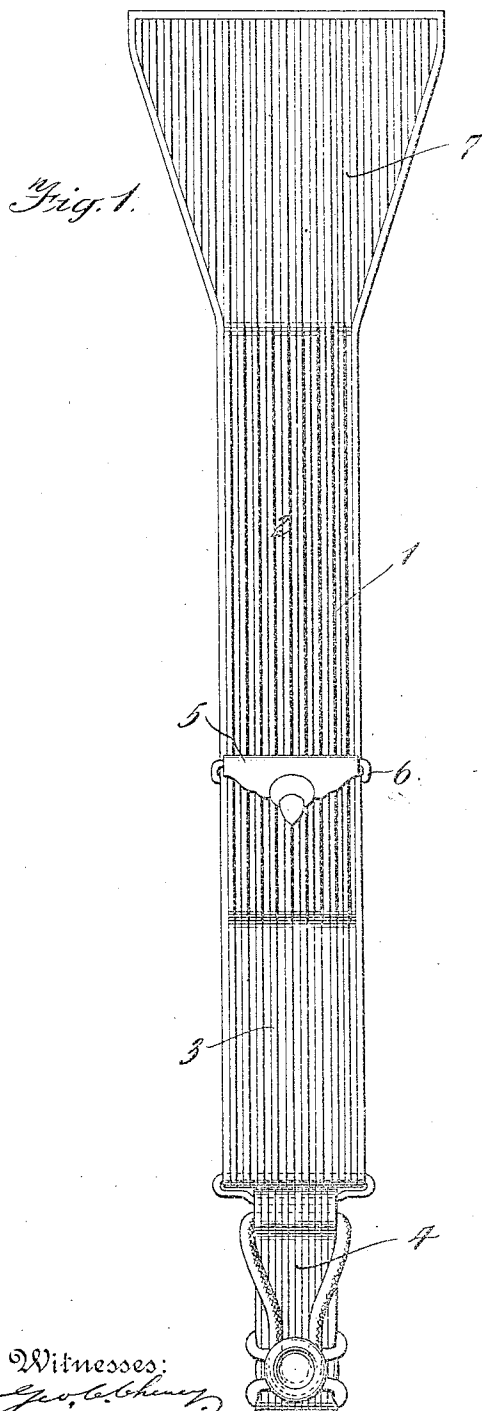


M. W. SCHLOSS.
HOSE SUPPORTER.
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1,061,017.

Patented May 6, 1913.



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MEYER W. SCHLOSS, OF NEW YORK, N. Y.

HOSE-SUPPORTER.

1,061,017.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, MEYER W. SCHLOSS, a citizen of the United States, residing at New York city, in the borough of Manhattan and State of New York, have invented certain new and useful Improvements in Hose-Supporters, of which the following is a full, clear, and exact description.

This invention relates to hose supporters, and particularly to knee-length-hose supporters, and has for its object the provision of an improved construction whereby adjustment of the usual elastic supporting strap is facilitated and the device, as a whole, rendered much neater in appearance and lighter in weight. Further, by reason of my improved construction, portions of this supporting strap may be made much thinner; such thin portions being disposed at the points where if any material thickness occurs, it is most objectionable.

In fact the principal object of the present invention is to provide means for effecting this reduction in thickness, while preserving the strength of the device as a whole, and without injuring; and, indeed, actually improving the appearance thereof.

In devices of this character as heretofore made, it has been customary to provide a hose engaging member or part with an elastic strap which is passed directly through a loop or eye in the engaging member and thereafter doubled back upon itself; the free end of said strap carrying some form of clamp or buckle whereby the doubled portion may be made relatively longer or shorter to thereby correspondingly shorten or lengthen the effective over all length of the strap. The elastic straps have rubber woven thereinto, and are hence relatively quite thick and not as flexible as might be desired. The present invention overcomes this lack of flexibility, and reduces the objectionable thickness of the device as a whole at such doubled portion.

Other objects of my invention will be hereinafter referred to and more particularly pointed out in the appended claims.

In the drawings which form a part hereof: Figure 1 is a front view of my preferred form of device; and Fig. 2 is a partial longitudinal section taken therethrough on the median line of Fig. 1.

Referring to the drawings, 1 designates broadly the supporting strap in question, which in this embodiment of my invention

consists of two sections, namely: a relatively thick and preferably elastic section 2, and a thin flexible and inelastic section 3. The lower extremity of the thick section is suitably secured to one end of the inelastic section, which section hence depends from the former. I prefer to secure the sections together by forming them integral, as by weaving, braiding or the like; the threads or a portion of the same, in the heavy section being continued into the thin portion. The thin section is looped through an eye or metal loop of a suitable hose engaging member 4, and is thence doubled upwardly and back upon itself; the upper or free end thereof being secured to an element of a clamping device 5. This element preferably consists of a rearwardly disposed, metallic loop or eye 6 and the said extremity of the inelastic section is looped through this metallic eye and is firmly secured thereto by stitching. The upper extremity of the elastic section is in turn secured to any suitable supporting means, such for example, as a tab 7 of fabric, which tab is adapted to be sewed fast to or otherwise secured to a corset or garment. The tab may, if desired, also be formed integral with the elastic or thick section. Attention is particularly directed to the fact that any material thickness of the supporting device in the vicinity of the buckle or clamping member is especially objectionable. In the present garment supporter, however, there is but one thickness of the heavy or elastic material; while the section of the strap which is in engagement with the loop 6 of such buckle or clamp is made of thin, strong, and readily flexible material. Buckles or clamps of the type used in connection with supporting devices of this description are usually provided with tangs; and whether so provided or not, the part of the material which comes directly in contact with the clamping elements must be of sufficient strength and, necessarily, sufficient thickness to withstand the disruptive and tearing strain to which such part is subjected when the clamp is applied thereto. Further, as aforesaid, since it is frequently desirable that such portion be elastic, considerable fabric must be woven around and over the strands of the said elastic to protect the same from the tangs or other engaging means. On the contrary, the part of the supporting strap which is in engagement with the loop or eye 6, does not

need to be so substantial, since it is merely subjected to tension, and not to any cutting or shearing action or compression. I have utilized this fact in developing the structure in question; forming the inelastic portion of the thinnest possible material which is adapted to properly withstand the simple tension which may be applied thereto; and leaving but a single thickness of the heavy, relatively non-flexible, and, if desired, elastic material to be engaged by the clamp.

It will further be observed that by reason of the disposition of the thin, inelastic section in the manner above described, the double thickness directly adjacent to the hose engaging member 4 is also reduced to a minimum, there being no heavy or elastic part at this point. I have therefore accomplished the two-fold object of reducing the over all thickness of material immediately adjacent to the buckle or clamp and of correspondingly reducing, even still further, the over all thickness of material adjacent the hose engaging part.

I may add that it is preferable to make the tangs or the like biting or engaging parts of the clamping device of just sufficient length to securely engage the thick section 2; while the section 3, being so much thinner cannot be operatively engaged by the biting or clamping elements, and so can never be injured thereby. The device is hence usable only in a proper manner.

Having thus described my invention, what I claim, is:

1. In a hose supporter, the combination of a supporting member having a loop with a supporting strap and a clamping device having a biting part, the said strap comprising two distinct sections connected end to end, one of relatively strong, thick material and the other of said sections being of thin

and more flexible material, the latter section normally extending through said loop and being bent therearound in looped engagement therewith, said thin, flexible material being attached to the clamping device independent of the biting part of said device, and the line of engagement between said thin, flexible material and said loop being displaceable longitudinally of said material in accordance with the position of said biting part upon said first section, said first or thickened section being of a length to co-act with said biting part throughout the normal range of adjustment of the clamping device.

2. In a hose supporter, the combination of a supporting member having a loop with a supporting strap and a clamping device having a biting part, the said strap comprising two distinct sections connected end to end, one of relatively strong, thick, extensible material and the other of said sections being of thin, inextensible and more flexible material, the latter section normally extending through said loop and being bent therearound in looped engagement therewith, said thin, flexible material being attached to the clamping device independent of the biting part of said device, and the line of engagement between said thin, flexible material and said loop being displaceable longitudinally of said material in accordance with the position of said biting part upon said extensible section, said extensible section being of a length to co-act with said biting part throughout the normal range of adjustment of the clamping device.

In witness whereof, I subscribe my signature, in the presence of two witnesses.

MEYER W. SCHLOSS.

Witnesses:

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WILLIAM C. LANG.