

L. S. HARVEY.
GARTER.

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908,665.

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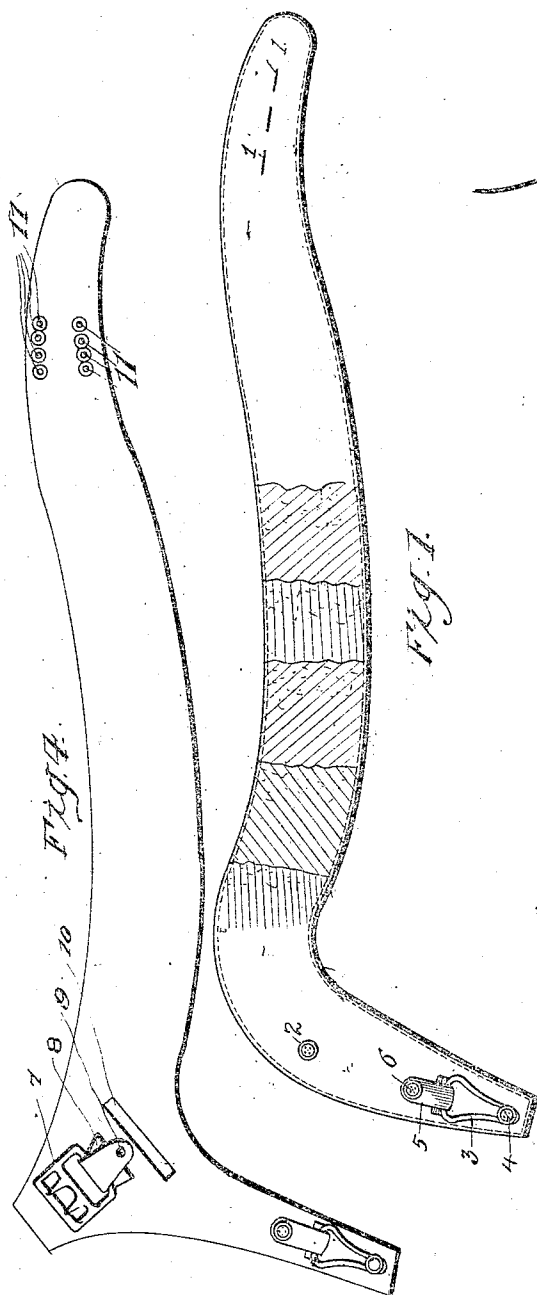


Fig. 1.

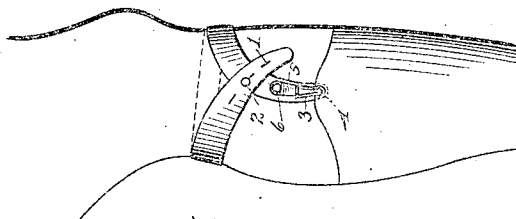


Fig. 3.



Fig. 2.

Witnesses

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UNITED STATES PATENT OFFICE.

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GARTER.

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To all whom it may concern:

Be it known that I, LUTHER S. HARVEY, citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Garters, of which the following is a specification.

This invention pertains to that class of devices for retaining hosiery in place when drawn upon the limb and has for its object to devise an article specially adapted for use of men and which may be readily washed or laundered, the fastening loop being detachable so as not to be affected by the washing or laundering process.

A further purpose of the invention is to provide an article of the character aforesaid which will conform to the shape of the leg and distribute the pressure equally without producing constriction, injurious or annoying pressure and obviate in its formation the use of rubber or other elastic material heretofore commonly employed in hose supporters to enable the same to conform readily to the shape of the limb.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction and the means for effecting the result, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a detail view of the supporter, showing the same extended; Fig. 2 is a detail view of the end portion of the supporter provided with the loop the same as it appears when looking at the outer edge. Fig. 3 is a detail view showing the application of the invention. Fig. 4 is a detail view similar to Fig. 1, of a modification.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The supporter consists of a strap whose end portions slightly taper and curve and whose middle portion curves slightly throughout its length, said strap being formed of a series of layers or plies of fabric of a washable nature and free from elastic of any nature. The supporter may be made in different sizes and of different materials, the several plies being stitched or otherwise connected. One end of the strap is provided with a series of buttonholes 1 and the opposite end portion is provided with a button 2, loop 3, button 4, adapted to cooperate

with the loop 3 and a short strap 5 stitched at one end to the supporter and secured at its opposite end by means of a buttonhole and button or like fastening means 6. The strap 5 provides simply a convenient means of detachably connecting the metallic loop 3 to the supporter so that the loop may be disconnected from the supporter when it is desired to wash or launder the same. The end portion of the strap, provided with buttonholes 1, curves slightly, whereas the opposite end portion provided with button 2 and hose attaching means, curves abruptly so as to occupy when in use approximately a vertical position as illustrated most clearly in Fig. 1. By having the middle portion of the strap of the supporter made wide and slightly curved, it conforms most readily to the shape of the leg just below the knee and is better adapted to the equalization and distribution of the strain so as to obviate constriction and reduce annoying pressure. By providing a series of buttonholes the supporter may be readily adapted to different sizes of legs, as will be readily understood. The short strap 5 is stitched at one end to the supporter and its loose end is provided with a buttonhole to receive the button 6. The loop 3 is supported in the bight with the strap 5 and is adapted to cooperate with the button 4 in a manner well understood so as to secure the hose to the supporter as indicated most clearly in Fig. 3.

It will be understood in the foregoing that the construction of the supporter is such as to admit of various fabrics being used in the formation of the same and the fibers may extend in different directions so as to preserve the normal shape of the article to prevent its curling or wrinkling. It is well known that hose supporters embodying elastic in their formation deteriorate by reason of the elastic rotting. The present supporter being free from elastic does not deteriorate or lose its shape or stretch, hence it may be relied upon at all times for positively supporting the hosiery and preventing the same from slipping or creeping downward, which is objectionable.

In the modification shown in Fig. 4, the strap is provided at the end having the loop 3 with a buckle 7, which replaces the button 2, said buckle being held in place by means of a short strip 8 stitched at one end to an extension 12 of the strap and having its oppo-

site end secured to the strap by means of a button 9. A short strap 10 fast at its ends to the main strap acts as a keeper to confine the loose end of the main strap after the same has been secured by means of the buckle 7. A series of eyelets 11 are provided in the opposite end portion of the strap to receive the prongs of the buckle 7, said eyelets preventing injury to the strap which would result if the openings were not reinforced. This form of strap is buckled about the limb instead of being buttoned, as indicated in Fig. 3.

Having thus described the invention, what is claimed as new is:—

1. A hose supporter consisting of a strap which when opened out flat has its middle portion slightly curved and its end portions curved in opposite directions to the middle portion, one of said ends having a slight curvature, and the opposite end an abrupt curvature to hang pendent when the supporter is in position, means applied to opposite end portions of the strap for securing the same about the limb, and hose attaching means applied to the abruptly curved end of the strap.

2. A hose supporter consisting of a strap

which when opened out flat has its middle portion slightly curved and its end portions deflected and curved in an opposite direction to the middle portion, the curvature of one of said ends being slight and the curvature of the opposite end portion abrupt, securing means applied to one end portion of the strap for fastening the same about the limb and hose attaching means applied to the end portion of the abruptly curved end of the supporter.

3. A hose supporter consisting of a strap adapted to be secured about the limb, a loop, a button secured to the end of the strap and coöperative with the loop to secure the hose, a short strap attached at one end to the hose supporter and adapted to pass through the aforesaid loop, and securing means for fastening the opposite end portion of said short strap to the hose supporter.

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

LUTHER S. HARVEY. [L. s.]

Witnesses:

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