

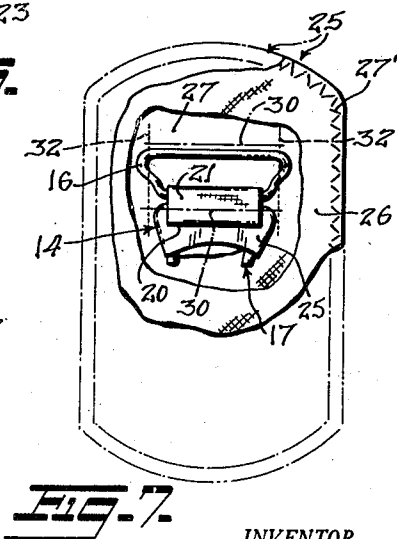
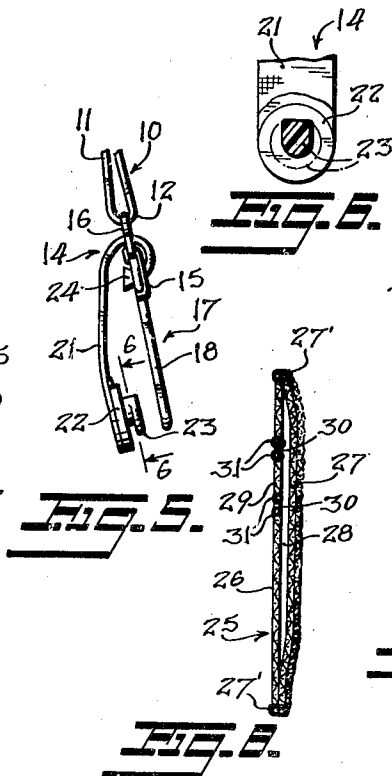
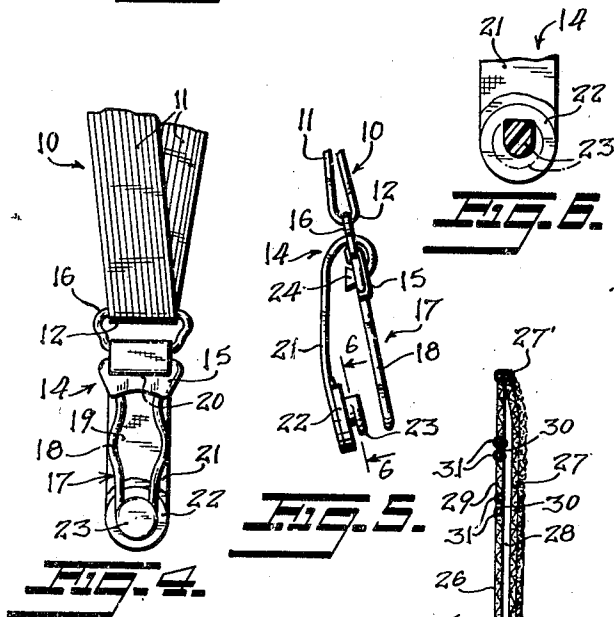
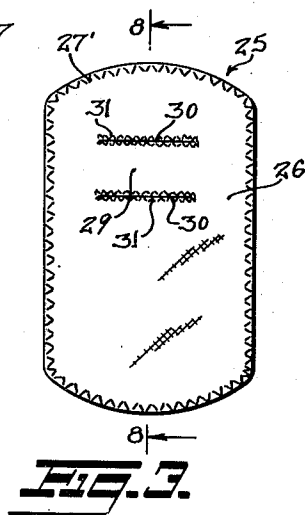
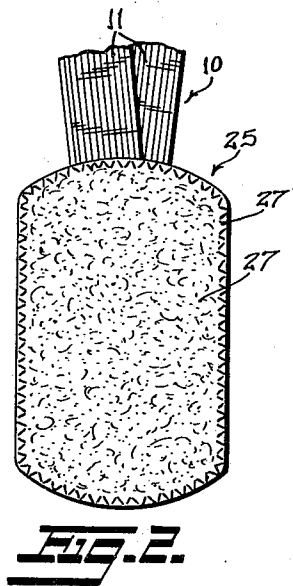
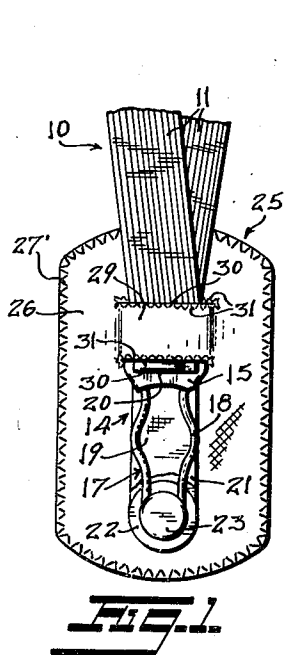
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2,642,578

GARMENT PAD FOR HOSIERY GARTERS

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GARMENT PAD FOR HOSIERY GARTERS

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1 Claim. (Cl. 2—300)

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This invention relates to new and useful improvements in hose supporters, and more particularly, the aim is to provide a garter pad for an improved gripping instrumentality which is characterized by various unique features.

One of such features is an assembly of parts, desirably including typically as heretofore a depending longitudinally elastically stretchable structure having one or more downwardly extended tape elements (as is the case in connection with around-the-calf men's garters; and also as is the case in connection with women's garters as suspended from corsets, girdles and like foundation or other body worn garments), an openable hose clasp device suspended by said structure with said device consisting of the usual fairly freely flexible support for a button-like projection and the usual bent wire member comprising a frame extended to define therein a key-hole shaped opening for engagement with said projection and also with a hose in the familiar way; and, at the same time, an assembly characterized by its combination with an improved means preferably in the nature of a readily detachable pad equivalent for preventing any part of the clamp from touching the wearer's skin.

Thus one feature of the invention, that just summarized, is that, while the many various advantages of the invention are obtained as will below be made clear, standard parts may be employed so far as are concerned the components of the clasp device and of the mounting and suspending structure for said device.

Another object is to provide a practicable arrangement of the kind just indicated, wherein said pad or equivalent is of such construction that at relatively trifling expense it can be provided to present a plush-like cushiony surface at its skin contacting side.

A further object is to provide an arrangement as above, in which said pad, preferably of a considerably greater dimension in an up and down direction than across the same, always extends adequately beyond the bounds not only of the clasp device but also of the lower end of said longitudinally elastically stretchable structure, thereby to act as a shield between the wearer's skin and all the working parts including those employed for interconnection of the clasp device with said stretchable structure.

Still another object is to provide the said pad or equivalent, and with the same preferably wholly made of textile fabric, so fabricated as to permanently incorporate a laterally extending tunnel established by a strap element for acting in an improved way to permit a substantially instantaneous interlock to be set up at said strap between the upper end of the clasp device and

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the pad; the feature here involved being such as to require no auxiliary means, as stitching, stapling, eyeletting or the like, for coupling the pad or equivalent to the remainder of the assembly; or, for attaching the strap to the pad, since preferably the strap is integral with a ply of the pad.

It is an important function of the garter pad to provide a means whereby the pressure of the metal garter against the skin of the wearer will be lessened when either in a standing, sitting or walking position.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claim in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

Fig. 1 is a front elevational view showing, in regard to one of a pair of like hose supporting instrumentalities, and as a now approved embodiment of the invention, one of said instrumentalities, with the same inclusive of a clasp device is aforesaid and of a longitudinally elastically stretchable suspending structure for the clasp device.

Fig. 2 shows the assembly of Fig. 1, in rear elevation.

Fig. 3 is a view showing the pad, detached, and in front elevation.

Fig. 4 is a similar view showing the said suspending structure and said clasp device, with the pad not yet attached.

Fig. 5 is a side elevational view showing the parts of Fig. 3, as they may become disposed when the clasp device is opened.

Fig. 6 is a detail section, taken on the line 6—6 of Fig. 5.

Fig. 7, drawn to an enlarged scale, shows the pad front elevationally, but partially broken away and hence with the sides of the aforesaid strap indicated in dot and dash; there also being here shown in full lines the portions of the clasp device which have a special interlock relation with the pad within the same and just beyond the horizontally opposite limits of said strap and of said tunnel.

Fig. 8 is a section taken on the line 8—8 of Fig. 3.

Referring now to the drawings more in detail, and by reference numerals, the longitudinally elastic structure illustrated is designated 10, and as herein shown the same comprises a single length of elastic tape 11 laterally folded on itself to provide a bottom loop 12. This structure is shown, of course, merely by way of example; but it is now a favored construction, especially where the clasp device is of the standard type de-

picted in the drawings and next to be described with particularity.

As is well known, the clasp device 14 comprises a metal assembly consisting of a sheet metal stamping 15, a shackle-establishing bent wire member 16, and the aforesaid bent wire member 17 shaped to present a frame 18 defining a key-hole shaped opening 19. These parts, fabricable by production machinery familiar in the art of manufacture of such clasp devices, are interconnected in such manner that said stamping 15 is crimped rigidly to the end portions of the member 17 and is curled about the end portions of the member 16 without tightness in order pivotally to mount the member 17 on the sub-structure 15-16; the said stamping having a slot-like aperture 20.

The said standard clasp device is completed by the assembly therewith of a fairly short length 21 of tape or the like, endwisely slidably passing through the aperture 20 and also loosely passing through the opening presented by the member 16. At one of its ends said tape 21 carries a rubber, plastic or other addition 22, shaped to provide the aforesaid button-like projection, this designated 23, and the neck portion of which is generally shaped as shown in Fig. 6; and at its opposite end said tape 21 carries means, as here shown often in the form of a rubber, plastic or other bar-like addition 24, to hold said tape against accidental disengagement from the remainder of the assembly by sliding movement through the aperture 20.

The clasp device just described is in the present case shown as coupled in the usual way to the tape 11 of the main elastically stretchable suspending structure 10, at the aforesaid loop 12.

Provided in connection with the clasp device 14, there is a pad 25 of two-ply construction, the front ply of which is of vertically elongate oblongovate outline and in the form of a piece 26 of a suitably stout woven fabric, and the rear ply of which is a similarly shaped piece 27 of a cushiony fabric, and, as indicated, a plush-like one, with its plush or analogous pile at its outer side, that is, for contacting the skin of the wearer. These pieces 26 and 27 are suitably permanently secured together, such securement in the present case being shown as effected by the use of an overlock stitching, capable of being produced on a standard industrial model overlock sewing machine, such stitch running continuously all around the pad, as indicated at 27'.

The aforesaid tunnel carried by the pad 25 is shown at 28 in Fig. 8, thus lying below a strap element 29 integral with the front ply 26 of the pad and resulting from cutting through such ply two parallel transverse slits 30, 30, desirably with the upper one a trifle shorter than the lower one, and substantially vertically aligned with each other. The sides of said strap are shown as finished off by lines of standard buttonhole edging or finishing stitchings 31, 31.

Referring particularly to Fig. 7, the vertically extending dotted lines 32, 32 in this view have been shown for the purpose of marking off definitely the horizontal oppositely located limits of said strap at the upper one of the two slits 30. As will be noted in this view, very plainly, the distance between the lines 32 is shown as, and desirably is, made slightly less than the maximum horizontal dimensional characteristic of the shackle-establishing bent wire member 16. Due to this arrangement, and the relatively flexible

nature of the plies of the pad 25, the clasp device 14, with its member 17 engaging the button 22, may be readily downwardly advanced with said button foremost into, through and partially out of said tunnel, and then pulled down until the parts are arranged as shown in Fig. 1. Then, however, the horizontally opposite end portions of the wire member 16 become caught below the upper of the two sides of the strap 29, that is, below the upper slit 30.

Nevertheless, if at any time later if it is desired to detach the pad 25 bodily from the clasp device 14, as for washing said pad or for adding a substitute pad, the detachment may be easily and instantaneously effected, merely by a slight deliberate tilting of the general horizontal line of extension of said member 16 at its widest part; after which the clasp device is readily upwardly removable from engagement with the pad.

While I have illustrated and described the preferred embodiment of my invention, it is to be understood that I do not limit myself to the precise construction herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claim.

Having thus described my invention, what I claim as new, and desire to secure by United States Letters Patent is:

A combined stocking supporter and skin protection pad, said supporter being characterized by a clasp device and an elastic tape of a width corresponding to that of the clasp and joined to the clasp device by a shackle member of a width greater than the widths of the clasp device and the tape and projected equally from opposite sides of the clasp device and the tape, said pad comprising a first piece of cloth material extended vertically behind the clasp device and partially behind the tape, and a second piece of cloth material coextensive with and located behind said first piece of cloth material and having its peripheral edges secured to the peripheral edges of said first piece of cloth material, the remainder of the material of said pieces being spaced apart to form a pocket, said first piece of cloth material having adjacent its top end a pair of vertically spaced horizontally extended slits through which the stocking supporter is laced with the tape extending from the upper slit, the clasp device extended from the lower slit and the shackle member located in said pocket behind the first piece of cloth material between said slits, said slits being spaced vertically a distance slightly greater than the height of the shackle member, said slits being of a length slightly greater than the width of the tape and the clasp device but less than the width of the shackle member, whereby the material of said first piece of cloth material at the ends of said slits will engage the top and bottom edges of the shackle member where it projects beyond the side edges of the tape and the clasp device for holding the pad against all vertical movement relative to the stocking supporter.

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