

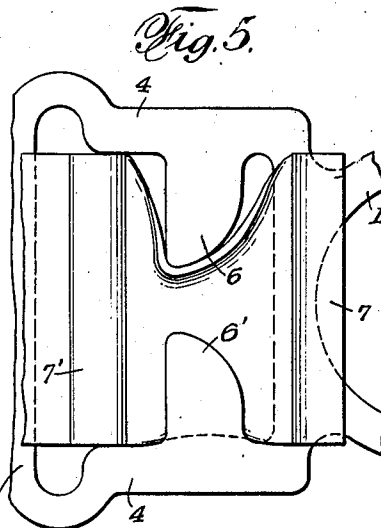
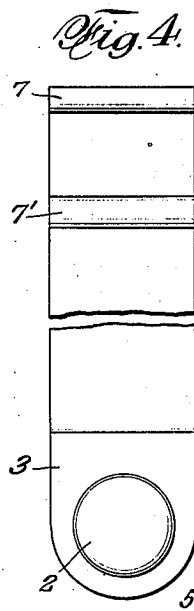
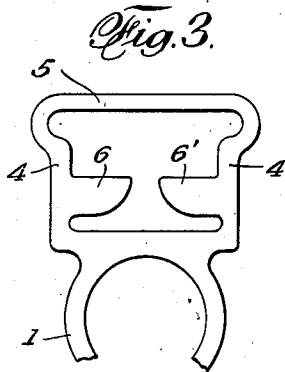
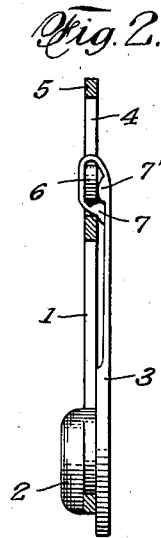
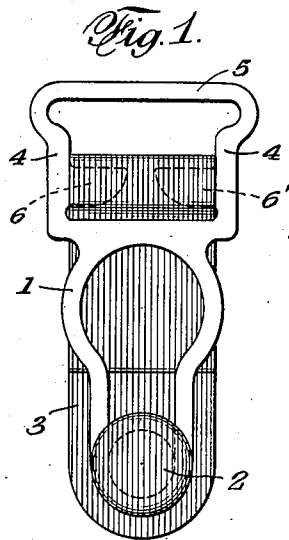
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HOSE SUPPORTER

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HOSE SUPPORTER

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3 Claims. (Cl. 24-245)

This invention relates to hose supporters of the so-called "button and loop" type.

The object is to provide an improved construction to facilitate the easy and quick assembly of the parts thereof and to so construct the article that the back will be free of any ridge or hump that might cause discomfort to the wearer.

In the accompanying drawing—

Fig. 1 is a front elevation;

Fig. 2 is a side elevation partly in section;

Fig. 3 is a fragmentary view of the upper part of the frame or loop portion;

Fig. 4 is a front view of the tab portion, partly broken away;

Fig. 5 is an enlarged view of part of the loop frame showing also a portion of the tab as it appears in one position in the act of assembling the part.

1 represents the loop frame having the usual "keyhole" passage in the lower portion thereof to receive the button 2 carried by the flexible tab 3. Proceeding upwardly from the loop portion of the frame are side bars 4-4 which are connected by a cross bar 5 at their upper ends. The supporting webbing (not shown) may be attached to this bar 5. 6-6' are oppositely positioned inwardly directed short arms at the inside of the side bars 4-4. The button 2 is carried on the front lower end of the tab 3. The button is usually made of rubber or like material and is preferably integral with the material of the tab, which is usually a rubber treated fabric. At the upper end of the tab is a thickened portion which forms a transverse holding rib 7. The space between the arms 6-6' and that part of the loop frame just below said arms is less than the thickness of the rib 7 so that the said rib cannot be pulled therethrough when the parts are assembled as shown in Fig. 2. In this position the rib 7 stands at the back of the loop frame. The adjacent portion of the tab extends upwardly and rearwardly over the upper edges of the short arms 6-6' and thence downwardly at the back of the loop frame. Since the rib 7 stands at the back of the loop frame, its effect would be to produce a bulge that would be felt by the wearer. To overcome this annoyance I provide a second transverse ridge 7' or rib on the same side of the tab and located directly above the rib 7 when the parts are assembled, the effect of which second rib is to offset that part of the tab sufficiently to afford a relatively broad flat bearing surface in the region of the rib 7 so that the bulge of the tab will not be felt. Since the rib 7 cannot be pulled through the space between the arms 6-6'

and the lower part of the loop frame, a novel method of assembly is required. Accordingly to assemble I place the tab flatwise against the back of the frame with the two ribs 7-7' on the outside. I then slide one edge of the tab through the space between the arms 6-6' and under either one of said short arms. I then crowd the other edge of the tab through the throat or space between the ends of the arms 6-6' as indicated in Fig. 5 until it is passed entirely through, whereupon it will spring back to its normal flat shape and thus overlies the front of both short arms. The tab end carrying the button is then merely swung down into operative position shown in Figs. 1 and 2. It will be noted that the spacing between the arms 6-6' is such that when in operative position the arm 6' will rest next to the arm 6 and thus will offset the adjacent portion of the tab from the back of the frame just enough to produce a relatively broad flat bearing to rest against the body of the wearer. It will be seen that the two short arms form in effect a cross bar, interrupted at the center, from which the tab is suspended. By this construction it is apparent that the two parts of the article may be speedily assembled. The loop frame may be made of any suitable material and by any suitable method.

By reference to Fig. 2 it will be seen that the transverse rib 7' performs the added function of holding the rib 7 in a straight line against buckling, thereby keeping it in its proper place when the parts are assembled and in use.

I claim:

1. In a hose supporter, a frame having a so-called "keyhole" passage in its lower portion, side arms extending upwardly therefrom and connected by a cross bar at the top, two oppositely positioned short arms extending inwardly from said side arms with a passage between the ends of said short arms, a flexible button carrying tab thickened at its upper end to form a rib larger than the passage between said short arms and that part of the frame just below said arms, said rib resting on the back of said frame, the adjacent portion of the tab extending through said space, thence upwardly, and over said short arms and down the back of said frame, and a second transverse rib on the same side of said tab as said first rib and spaced therefrom and bearing against the back of said frame close to said first rib, for the purpose described.

2. In a hose supporter of the button and loop type, a loop member having a longitudinally positioned keyhole slot in its lower portion, a hori-

zontally positioned tab supporting means at the upper portion spaced slightly from the lower part of said frame to leave a narrow tab passage, a tab portion comprising a relatively thin flexible strip supporting a button at its lower end, a transversely thickened portion forming a rib at the end of said tab opposite said button and positioned at the back of said loop member, said rib being thicker than said tab passage, that part of said tab adjacent to said rib extending forwardly through said passage, thence over the top of said supporting means and down the back of said loop

member, and a second thickened portion on the inner side of said tab and arranged to bear on the back of said loop member adjacent to said first mentioned rib to offset said tab to substantially the same extent as said first mentioned rib, for the purpose described.

3. In a hose supporter, a flexible tab, a button carried thereby adjacent one end, a thickened rib on said tab adjacent the other end, and a second thickened rib on said tab and located between said button and said first rib.

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