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2,748,397

STOCKING WITH GARTER

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Fig. 1.

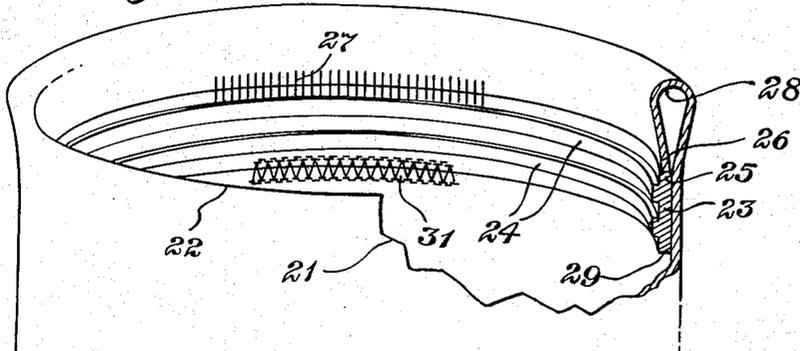


Fig. 2.

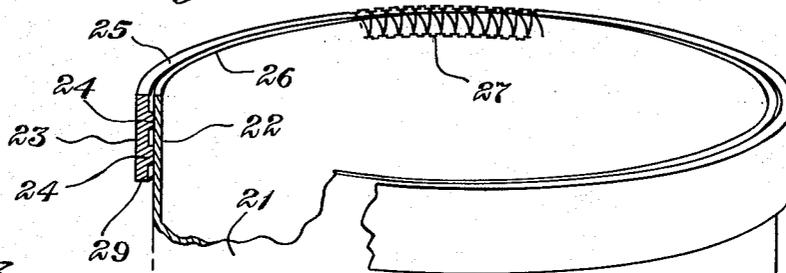


Fig. 3.

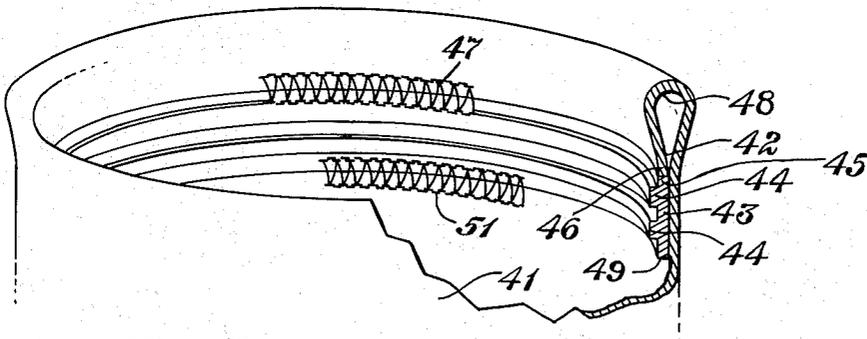
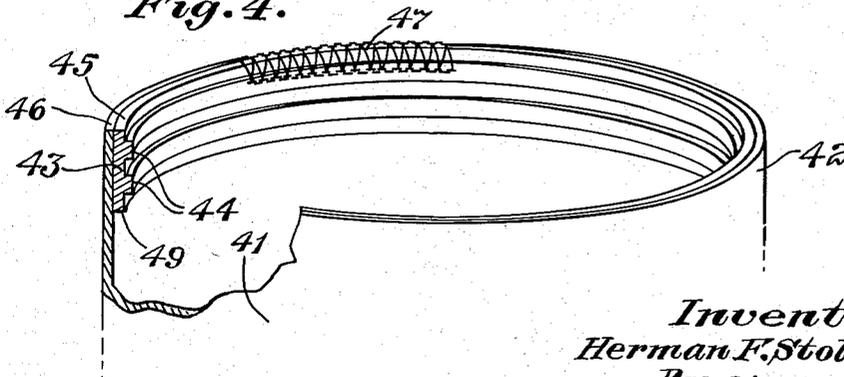


Fig. 4.



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STOCKING WITH GARTER

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2 Claims. (Cl. 2—240)

This invention relates to a self-supporting hose and particularly concerns a stocking with a garter stitched within the hose near the top thereof.

A major object of this invention is to provide a self-supporting hose of simple durable construction which may be readily and economically manufactured. More particularly, an object of this invention is to incorporate within the top of the hose a band having frictional material on its exposed surface serving as a garter to support the hose on the wearer.

In the attainment of these objects, one feature of the invention resides in the arrangement of an elastic band within the upper end of the hose secured by stretchable stitching to the distal end of the hose which is folded inwardly at the top of the hose and having its lower edge secured to the fabric of the hose by stitches forming a stretchable seam. Another feature of the invention resides in the method of securing the elastic band within the hose which includes securing by a stretchable seam one edge of the elastic band to the distal edge of the hose, then moving the elastic band downwardly within the hose to form a fold at the top of the hose, and finally securing the lower edge of the elastic band to the fabric of the hose.

Other objects and advantages of this invention will become apparent from the following specification taken in conjunction with the accompanying drawings wherein

Fig. 1 is a perspective view with parts broken away and others in section showing one form of the invention;

Fig. 2 is a similar view showing a step in the method of making the self-supporting hose shown in Fig. 1;

Fig. 3 is a similar view of a modified form of the invention; and

Fig. 4 is a similar view showing a step in the method of making the self-supporting hose shown in Fig. 3.

In producing the self-supporting hose shown in Fig. 1, hose 21, in the form of a sock or stocking, has its upper end 22 sleeved within an elastic band 23, as illustrated in Fig. 2. This elastic band 23 has on its inner surface ribs 24, 24 of frictional material. Bands of this type may have frictional ribs 24, 24 formed by parallel rows of stitches of rubber-like thread extending along the band parallel to its edges. With this frictional material 24 on the inner surface of the band 23, and the upper edge 25 of the band 23 contiguous with the distal edge 26 of the hose 21, edges 25 and 26 are secured together by stitches forming a stretchable seam 27. This stretchable or elastic seam 27 permits the knitted fabric of hose 21 and the elastic band 23 to stretch upon expansion of the hose and contract when the hose contracts without distorting either the hose or the elastic band. One satisfactory form of a stretchable seam is that known as an overedge seam.

As a next step in the manufacture of this self-supporting hose, elastic band 23 and seam 27 are folded within the upper end 22 of the hose 21 so an inwardly turned fold 28 is formed at the top of the hose and distal edge 26 is disposed downwardly from the top within the hose. When so arranged, the elastic band 23, with frictional material

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24 disposed on its inner exposed surface, depends downwardly from the distal edge 26. Lower edge 29 of the elastic band 23 is then secured to the wall of the hose by a similar elastic seam. Again, overedge stitching is satisfactory. Preferably, blind stitching is used so the thread of the seam does not appear on the exposed outer surface of the hose 21.

As shown in Fig. 1, the self-supporting hose has its distal edge 26 folded inwardly at the top of the hose with the elastic band 23 depending from the distal edge. Frictional material 24 is disposed on the inner exposed face of the band and the upper edge of the band secured by stretchable seam 27 to the distal edge of the hose. The lower edge 29 of the elastic band is secured by a similar stretchable seam 31 to the fabric of the hose. In this form of the invention, the stitches forming seams 27 and 31 are disposed in opposite directions. Thus, seam 31 has the interlooped thread side of the stitches exposed inside of the hose whereas seam 27 has the reverse side of the stitches exposed inside of the self-supporting hose. The interlooped thread side of the seam 27 is obscured by the fold in the top of the hose whereas blind stitches forming seam 31 avoid any evidence of the stitches on the exterior surface of the hose.

In the modified form of the invention illustrated in Figs. 3 and 4, hose 41 has sleeved within its upper end 42 an elastic band 43 having on its inner surface frictional ribs 44, 44. With the upper edge 45 contiguous with the distal edge 46 of the hose, the band is joined to the stocking by a stretchable seam 47. This seam 47 extends around the entire periphery of the stocking and the band to completely unite the band at the distal edge of the stocking. Then, the elastic band 43 and the seam 47 are advanced within the stocking forming at the top of the stocking a fold 48 as illustrated in Fig. 3 with the band 43 spaced downwardly from the fold 48 and positioned in a relative position similar to the position of the band 23 as shown in Fig. 1. Finally, lower edge 49 of the band 43 is united with the wall of the hose by a stretchable seam 51, preferably of overedge blind stitching.

When formed by this method, the self-supporting hose has its distal edge folded inwardly forming a fold at the top of the hose with the upper edge of an elastic band 43 secured by seam 47 to the distal edge 46 of the hose. The elastic band 43 depends downwardly from the distal edge 46 and has its lower edge 49 secured by blind stitched seam 51 to the wall of the hose. The finished product in this form of the invention differs from that shown in Fig. 1 mainly in the different arrangement of the seam 47. In this modified form of the invention, the seams 47 and 51 have the stitches going in the same direction, namely with their interlooped thread sides exposed inside of the hose and the reverse side of the seam 47 hidden by the fold 48 with the reverse side of the seam 51 invisible from the exterior of the hose by reason of the blind stitches forming the seam.

Having thus described preferred embodiments of the invention, what is claimed as new and novel is:

1. The method of making a self-supporting hose which comprises arranging an elastic band around the exterior surface at the distal edge of the hose with frictional material on the surface of the band engaging the outer surface of the hose, securing the upper edge of the band to the distal edge of the hose by overedge stitching, inverting the band and moving it downwardly within the hose to form a fold at the top of the hose with the distal end of the hose spaced downwardly from the top and the band having the frictional material disposed on its inner exposed surface, and securing by stretchable stitching the bottom edge of the band to the wall of the hose.

2. A self-supporting hose formed of knitted material and having its distal edge folded inwardly at the top of the hose, an elastic band secured to said distal edge by

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a stretchable seam and depending from said distal edge to define a band of elastic material presenting an exposed inner face extending entirely around the inner surface of said hose, frictional material projecting from the exposed inner face of said band, and a blind stitch seam securing the lower edge of said band to said hose. 5

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