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METHOD FOR THE MANUFACTURE OF FOOT GARMENTS AND STOCKINGS

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Fig. 1

Fig. 2

Fig. 3

Fig. 4

Fig. 5

Fig. 6

Fig. 7

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This invention relates to an improved method of manufacturing over-socks and the like garments.

It has been proposed heretofore to produce foot garments by closing at one end a length of tubular mesh fabric this being effected by a flat seam and without folds or overlaps.

According to the present invention one or more flat pieces of knitted or woven mesh fabric manufactured in any suitable manner and of suitable shape, are sewed, or otherwise assembled together, to form a pocket-like garment in such a manner that when said garment is in use, a seam runs up over the heel of the foot and the longitudinal strands or threads of the fabric are, at the sole of the foot, transverse to the length thereof.

Various modes of applying the invention are illustrated by way of example in the accompanying drawings in which:

Figs. 1, 2 and 3 illustrate one embodiment of the invention.

Figs. 4, 5 and 6 illustrate a second embodiment thereof.

Fig. 7 is a side view of a foot showing the over-sock in place over the regular stocking.

According to one manner of carrying the invention into effect, illustrated in Figs. 1 to 3, a piece of flat knitted or woven fabric is formed with an indentation in the middle portion of each side as indicated in Fig. 2, the fabric being then folded in the middle so that the fold runs transverse of the longitudinal strands of the fabric. The edges 3 and 4 adjacent on the left and right to the said fold 2 are then sewed together to form the heel and toe portions of the foot covering, the edges 5 opposite to the fold 2 being left unjoined for providing an opening for the foot (Fig. 8).

According to the second manner of carrying out the invention as illustrated in Figs. 4 to 6, two flat pieces, of fabric, which have been made somewhat smaller at the bottom, in any suitable manner, as by giving them this shape in the course of manufacture, are laid one upon the other and are, with the exception of the portion 5 left open for the foot, sewed together at their edges, namely at 3-4-6-4-3, Fig. 6, so that the finished article is as shown in Fig. 6.

It is evident that the article of manufacture above described may be formed with different lengths of fabric from those shown in Figures 1 to 6, a shorter length being employed in the over-sock as shown in Figure 7, which covers the sole of the foot, the toes, heel and a narrow band only, along the sides of the foot.

The outline of the over-sock might be suitably formed in the course of manufacture by increasing or decreasing the number of meshes or stitches in particular portions of the piece.

In both modifications of the invention it is necessary that the over-sock should be so made that, when in use a short seam portion 3, 4 or 6 is run over the heel and the wales of the fabric are, at the sole of the foot, transverse to the length thereof.

In the forms illustrated in Figs. 1 to 6, inclusive a short seam 4 is, when the garment is in use, run over both the heel and the toes of the wearer's foot.

It is evident that by making the fabric more or less closely knitted or woven at various places, it is possible to secure a tight fit of the over-sock regardless of the varying thickness of the foot at different places and even to avoid the necessity of cutting or shaping the original piece of fabric.

Having now particularly described and ascertained the nature of the invention and in what manner the same is to be performed, what is claimed is:

As a complete article of manufacture an over-sock, comprising a pocket including a strip of mesh fabric folded upon itself in a direction transverse to the direction of the wales of said fabric, said pocket being closed at its sides and having separated free edges at the top forming the opening of said pocket, said pocket being convergent at its lower portion toward the bottom so that the line of fold is of less length than the width of the pocket at portions remote from said bottom, the wales of the fabric extending from the bottom of said pocket to the free edges thereof.

In testimony whereof I affix my signature.

LINA TEICHMANN.