July 12, 1932. M. POLSKY 1,867,327

UNDERGARMENT

Filed Aug. 29, 1931

Fig. 1.

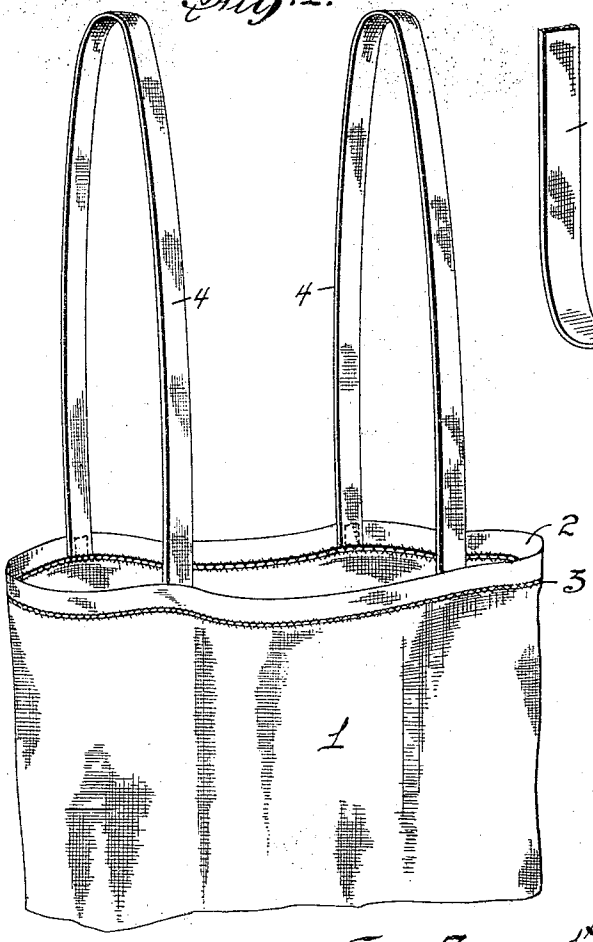


Fig. 2.

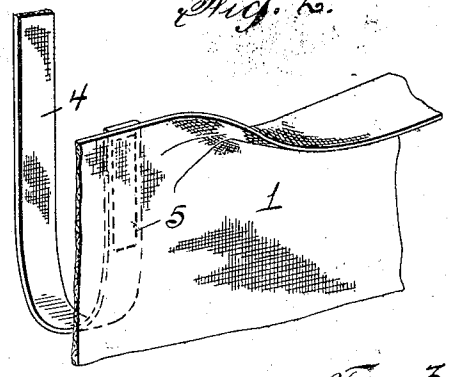


Fig. 3.

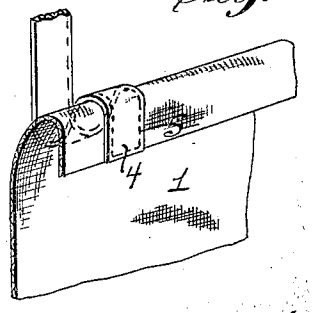


Fig. 4.

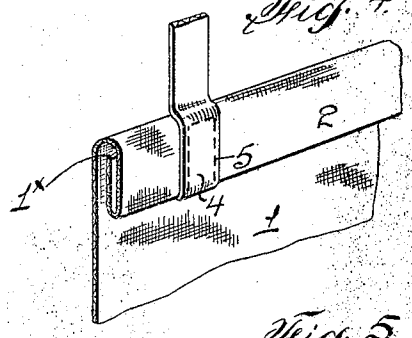


Fig. 5.

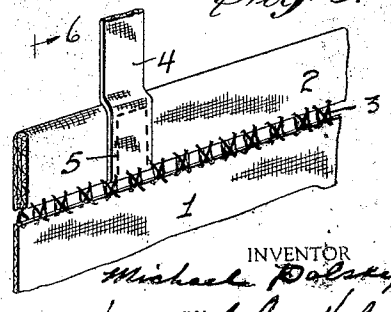


Fig. 6

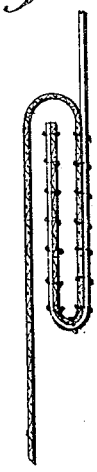


Fig. 7.



INVENTOR

Michael Polsky

BY M. Lee Helm

ATTORNEY

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UNITED STATES PATENT OFFICE

MICHAEL POLSKY, OF BROOKLYN, NEW YORK

UNDERGARMENT

Application filed August 29, 1931. Serial No. 560,118.

The object of the present invention is to provide a novel attachment for shoulder straps of undergarments in order to reduce the time and labor required in the present attachment and to improve the appearance of the garment by eliminating stitches at the front or exposed face thereof, which stitches have customarily been employed to secure the strap ends to the upper customarily hemstitched folded margin or "upper hem".

In the method customarily employed, the upper hem is formed by folding down the upper margin of the garment rearwardly and with the edge inturned. The end of the shoulder strap is slipped under the hem thus formed and the garment is then run through the hemstitching machine so that the hemstitching secures down the edge of the hem and the needles pass through the shoulder strap. The shoulder strap is then brought upwardly to cross the hem at its under face and is stitched down, the needles of course, passing through the hem and the stitches showing on the outer face of the garment. Not only is this method objectionable because of the exposed stitches at the ornamental upper margin of the garment but inasmuch as the hemstitching needles must pass through the shoulder strap, comprising a folded piece of material in addition to the garment fabric itself, the needles are frequently broken, thus placing the machine temporarily out of action and slowing up production. The present construction avoids both of the stated difficulties.

The invention will be described with reference to the accompanying drawing, in which

Figure 1 is a view in elevation of the upper portion of a garment constructed in accordance with the invention.

Figures 2, 3, 4 and 5 show, respectively, successive stages in the construction of the garment.

Figure 6 is a sectional elevation through the upper hem on the line 6—6, Figure 5.

Figure 7 is a similar view after the hemstitching operations are complete.

By reference to Figure 1, of the drawing, it will be seen that the garment therein illustrated, comprises a body portion 1, an upper finished edge or hem 2 below which is the hemstitching 3, the garment having applied thereto a shoulder strap 4.

In securing the shoulder straps, I first stitch the ends of the shoulder strap 4 to the outer face of the garment at the upper margin thereof as shown in Figure 2, the stitching being indicated at 5.

In the next step, I turn the upper margin over from the position shown in Figure 2 to the position shown in Figure 4. In this operation the upper edge $1x$ of the garment has been turned within the hem 2 together with the end of the strap.

The final operation is to run the hem through a hemstitching machine so that the securing threads of the machine will catch the lower portion of the hem and sew it down to the body of the garment and in such operation will catch the strap at its fold and will likewise secure it down to the body of the garment as illustrated in Figure 5.

Again referring to Figure 1, it will be seen by the construction above recited, the outer portion of the garment shows no stitching at the line of attachment of the shoulder strap ends and the appearance of the garment is greatly improved over that commonly constructed. Furthermore, the fold of the lower end of the strap lies immediately above the apertures of the hemstitching being caught only by the upper securing threads of the hemstitching so that the hemstitching appears uniform. When the hemstitching is completed the garment is finished so far as the upper portion and straps are concerned, whereas, in the former method, it was necessary to employ skilled operators in order to neatly stitch the straps to the upper hem inasmuch as the threads of the sewing machine passed through to the exposed face of the garment. According to the present method, the initial stitching down of the shoulder strap ends may be done very rapidly by unskilled operators prior to the finishing of the garment by hemstitching.

Having described my invention, what I claim and desire to secure by Letters Patent, is as follows—

A garment comprising a body portion and an upper marginal hem, shoulder straps secured to the outer face of the garment material at its upper edge, by lines of stitching, the end of each strap with the upper edge of the garment being turned under the hem, at the rear of the garment forming five plies and a line of hemstitching securing said hem and each strap to the body of the garment.

In testimony whereof, I have signed my name to this specification.

MICHAEL POLSKY.