(No Model.)

R. W. SCOTT.

SHIRT OF KNIT FABRIC.

No. 422,640. Patented Mar. 4, 1890.

FIG. 1.

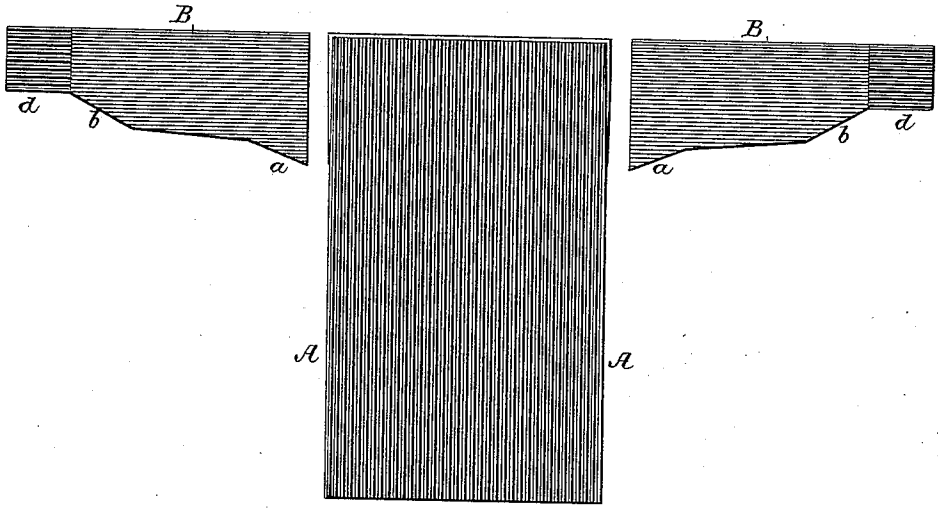


FIG. 2.

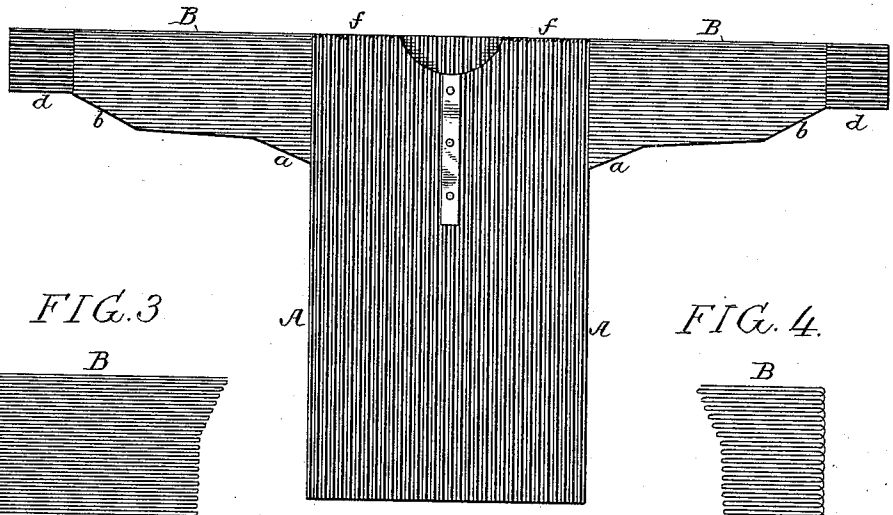


FIG. 3.

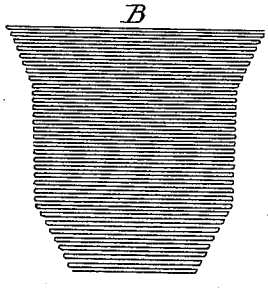


FIG. 4.

Witnesses:
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Inventor
Robert W. Scott
by his Attorneys
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UNITED STATES PATENT OFFICE.

ROBERT W. SCOTT, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO LOUIS N. D. WILLIAMS, OF SAME PLACE.

SHIRT OF KNIT FABRIC.

SPECIFICATION forming part of Letters Patent No. 422,640, dated March 4, 1890.

Application filed November 8, 1889. Serial No. 329,681. (No specimens.)

To all whom it may concern:

Be it known that I, ROBERT W. SCOTT, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented certain Improvements in Shirts of Knit Fabric, of which the following is a specification.

The object of my invention is to provide a shirt of knit fabric having a ribbed elastic body and shaped sleeves of a more acceptable character than those usually formed on shirts of this class, and this object I attain in the manner hereinafter set forth, reference being had to the accompanying drawings, in which—

Figure 1 is a view showing the parts of which my improved shirt is composed. Fig. 2 is a view of the finished shirt, and Figs. 3 and 4 are diagrams illustrating certain features of construction of the sleeve-webs.

Shirts having bodies of ribbed fabric are desirable because of the elasticity of such fabric, which causes it to cling closely to the person and to conform to the shape at the waist, hips, and bust or chest. Heretofore such garments have been made with sleeves also of ribbed fabric; but if the tubular sleeve-webs are of the proper size for the arm separate gusset-pieces must be inserted in the armpits to give the necessary size at these points, thus involving objectionable seams; or if, on the other hand, the tubular sleeve-webs are of the same size as the armholes, they are too large for the arm itself. Any attempt to shape the ribbed sleeve by narrowing or widening it during the process of manufacture is such an expensive proceding as to be substantially impracticable in ordinary practice. Moreover, the ribbed fabric of the sleeve is liable to become stretched and lose its shape after being worn for a time, especially at the elbows or other points where it is being continually stretched.

In carrying out my invention, therefore, I use a tube of ribbed fabric A for the body of the garment, but for the sleeves I employ tubes of plain knitted fabric—such, for instance, as shown at B in Figs. 1 and 2—for by this means, while I preserve the advantages of the ribbed web for the body of the garment, I am enabled at small cost to provide sleeves perfectly shaped both at the armpit-gussets *a* and at the wrist portions *b*, and, if desired, of seamless tubular character throughout, or, rather, from the armpits to the cuffs, the latter being in most cases of ribbed fabric, as shown at *d*, suitably united to the wrist ends of the plain sleeve-webs. The webs of plain fabric constituting the sleeves are, moreover, much less likely to lose their shape by stretching during wear than are the usual ribbed sleeves.

The ribbed body-tube of the garment may be of uniform diameter and stitch throughout, the elasticity of the web being relied upon to insure the snug fitting of the same to the body, or the body-tube may be shaped as desired by the employment of tuck-stitches in a portion or portions of the tube in the usual and well-known way.

The body of the shirt may be completed by uniting the upper edges of the tube A over the shoulders, as shown at *f f*, Fig. 2, and forming and finishing the neck-opening and breast-slit in the usual way.

It is preferable to make the sleeves in tubular seamless form properly shaped at the armpit-gussets and wrist-narrowings; but the sleeve may be first formed as a flat web, properly fashioned, and the selvage edges of this web may then be united to form the tubular sleeve, these selvages being united without forming an objectionable seam, or the web may be cut to the proper shape and sewed into tubular form for the sleeves, if desired.

In the flat-fashioned web the courses of stitches are continuous—that is to say, they extend back and forth throughout the web, as shown in Fig. 3—while in the sleeves which are knitted in tubular form and shaped during the knitting the courses of stitches are continuous circular courses, as shown, for instance, in Fig. 4.

Having thus described my invention, I claim and desire to secure by Letters Patent—

1. A shirt of knit fabric having a body composed of ribbed web and shaped sleeves of plain web, substantially as specified.

2. A shirt of knit fabric having a body composed of ribbed web and shaped sleeves com-

posed of plain web having continuous courses of stitches, substantially as specified.

3. A shirt of knit fabric having a body composed of ribbed web and shaped seamless sleeves composed of plain web having continuous circular courses of stitches, substantially as specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ROBERT W. SCOTT.

Witnesses:
R. SCHLEICHER,
HARRY SMITH.