

(No Model.)

S. MILLER.  
SHIRT.

No. 444,525.

Patented Jan. 13, 1891.

Fig. 1 -

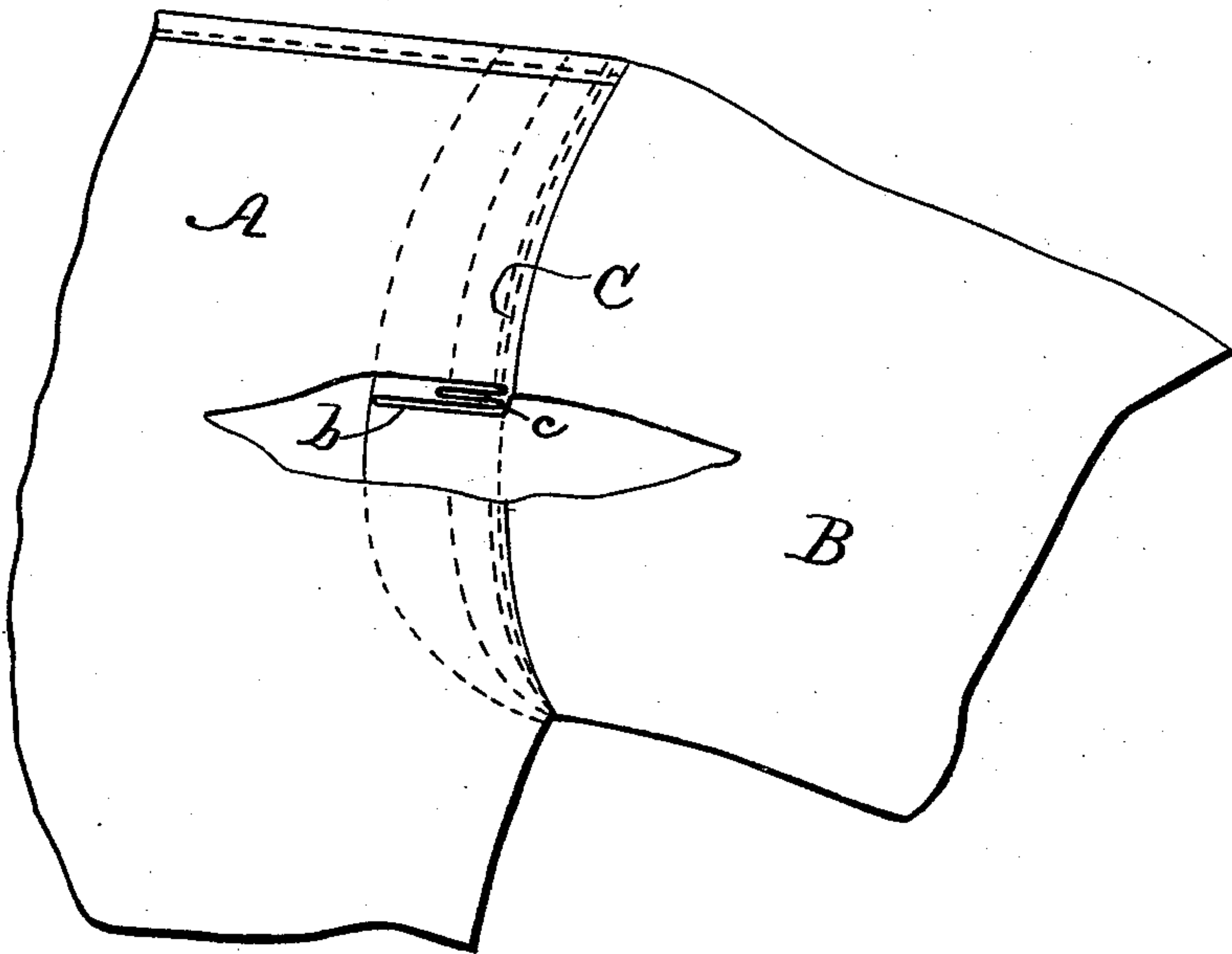
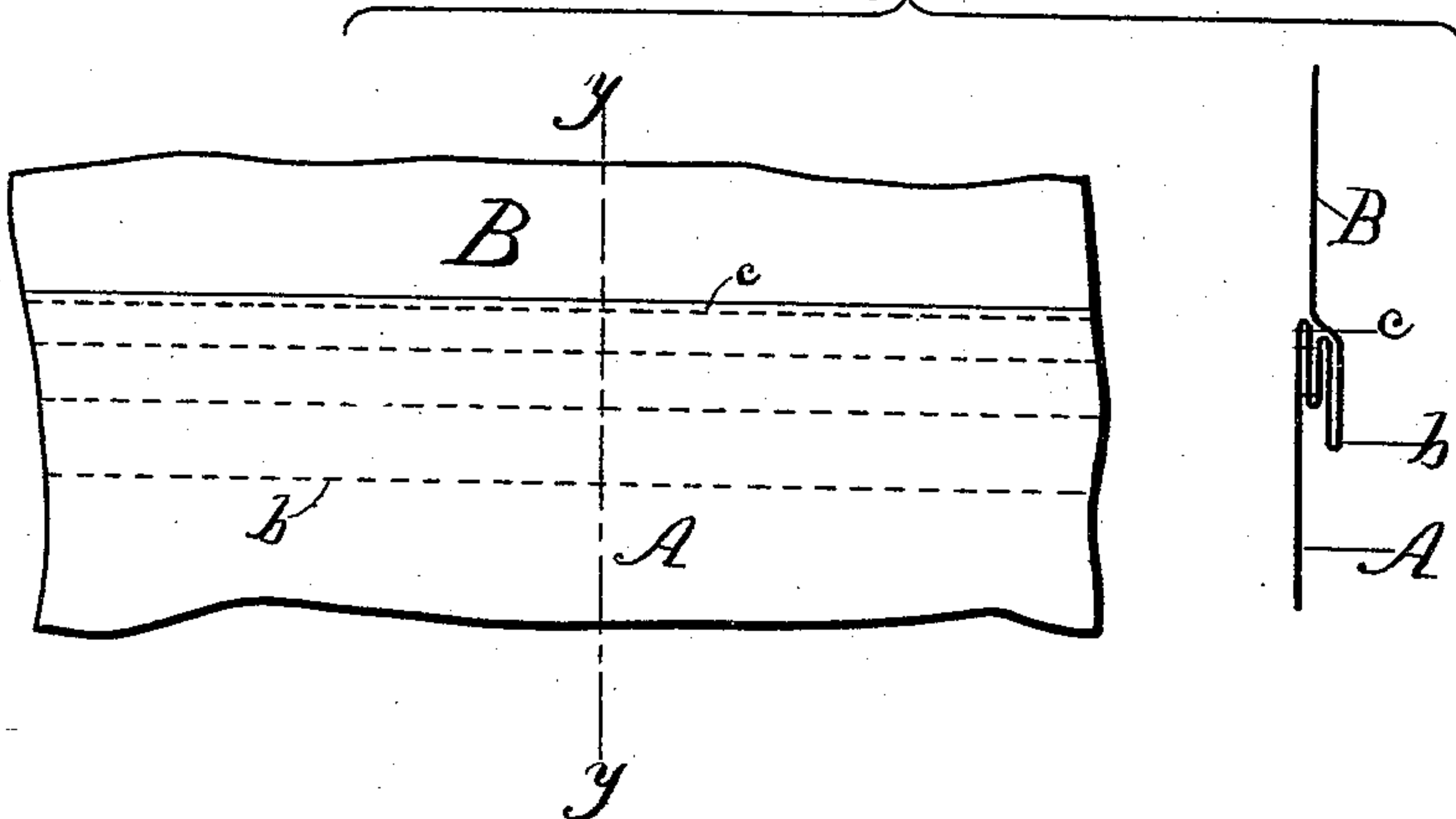


Fig. 2 -



Witnesses.

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# UNITED STATES PATENT OFFICE.

SIMON MILLER, OF PHILADELPHIA, PENNSYLVANIA.

## SHIRT.

SPECIFICATION forming part of Letters Patent No. 444,525, dated January 13, 1891.

Application filed September 20, 1888. Serial No. 285,940. (No model)

*To all whom it may concern:*

Be it known that I, SIMON MILLER, a citizen of the United States, residing at the city of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and original Improvement in Shirts, of which the following is a specification.

My improvement relates to the provision of means whereby the sleeves of shirts, after the garment has been completed, may be lengthened.

In furtherance of my object my improvement consists in a double return or fold at the upper end of the sleeves, which fold is turned upwardly and flatly underneath that portion of the body of the garment which when completed will be in juxtaposition with the upper end of the sleeve, and which fold is kept entirely concealed from view when kept intact, but is adapted to be unfolded by rupture or removal of stitching that confines it in place upwardly under the shoulder-section of the shirt, whereby the sleeve can be drawn downwardly and lengthened to the extent of the unfolded return, all as hereinafter fully described, illustrated in the drawings, and specifically pointed out in the claim.

In practicing my invention I provide one or more returns of the fabric of which the sleeve is composed at the upper end thereof, which will be at that location which in the completed garment will be adjacent to and connected with the armhole, and after said fold is completed it is returned upwardly toward the shoulder-section, under which it is flatly concealed and thereat thereto connected by stitching that can be removed or broken away without rupturing any of the connections proper of the garment.

Referring to the accompanying drawings, wherein like letters of reference point out similar parts on each figure, Figure 1 represents a portion of a shirt and part of a sleeve attached thereto in accordance with my invention, parts being broken away. Fig. 2 is an inside view showing spread out flat a portion of the shirt-body and part of a sleeve attached thereto, said figure also showing a sectional view on the line *y y*.

In the drawings, A represents the shirt-body; B, the sleeve; *b*, tucks or folds; *c*, rows of stitching.

In new shirts the sleeves frequently fit the wearer; but after washing them, through

shrinkage, the sleeves become too short and the garment cannot again be worn with comfort unless new sleeves are put in or the old ones are taken out and altered.

In the manufacture of shirts in large quantities they are cut and made to suit certain sizes in neck and chest; but men who are of the same size in neck and chest often vary greatly in the length of their arms. Therefore shirts suitable in general conformation are frequently deficient in respect to the length of the sleeve. To overcome this defect has been the special object of my improvement, which will be readily understood by reference to the drawings. Before the sleeve is attached to the armhole a portion thereof is folded up to form a fold *b*. Said fold may be doubly returned upon itself, so as to compose compound folds, as seen in detail in Fig. 2. The sleeve is then connected to the shirt-body at the armhole in the usual manner, and the folded portion, whether of two or more laminae, is returned upwardly and laid smoothly against the under surface of the shoulder-section, and is thereto thereat connected, held in position, and concealed from view by means of independent stitching *c*, that is carried completely around that portion of the body A close to the armhole. It is manifest that when the stitching *c* is removed the sleeve will be lengthened to the extent of the folds or returns thereby released, and without rupturing any of the connections proper that join the sleeve to the shirt-body.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

A shirt having a portion of the upper end of each sleeve returned upon itself, which return is then turned upwardly and laid flatly against the under surface of the shoulder-section of the garment, whereat, concealed from view, it is connected thereto by a continuous line of stitching, whereby when said stitching is broken away the sleeves will be lengthened to the extent of the unfolded return, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

SIMON MILLER.

Witnesses:

ISRAEL HECHT,  
EMANUEL FURTH.