

R. W. SPRINGER.

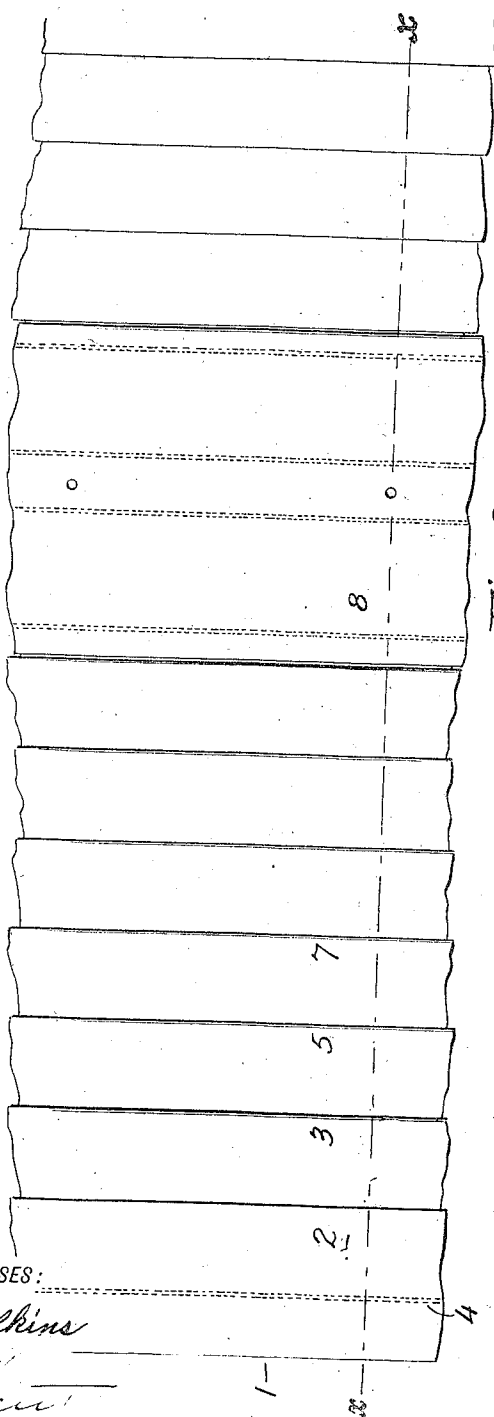
SHIRT FRONT.

APPLICATION FILED AUG. 13, 1909.

944,292.

Patented Dec. 28, 1909.

Fig. 1



WITNESSES:

L. Hoffkins

K. Kent

Fig. 2.

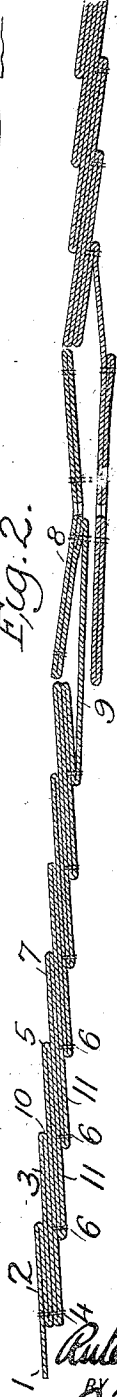
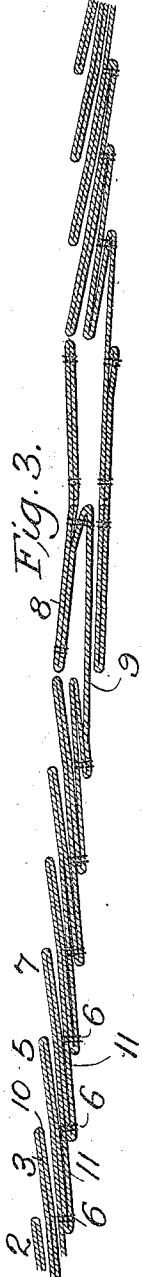


Fig. 3.



INVENTOR

R. W. Springer,

Charles A. S. S. S.

ATTORNEY

# UNITED STATES PATENT OFFICE.

RUTER W. SPRINGER, OF THE UNITED STATES ARMY.

## SHIRT-FRONT.

944,292.

Specification of Letters Patent. Patented Dec. 28, 1909.

Application filed August 13, 1909. Serial No. 512,645.

*To all whom it may concern:*

Be it known that I, RUTER W. SPRINGER, of the United States Army, citizen of the United States of America, now residing at Fort Schuyler, in the State of New York, have invented certain new and useful Improvements in Shirt-Fronts, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to plaited shirt-fronts and shirt-waists, my object being to provide a superior construction whereby the goods will hold their shape and appearance much better; and to this end my invention consists in the peculiar features and combinations of parts to be more fully described hereinafter and pointed out in the claims.

Referring to the accompanying drawings—Figure 1 represents a front view of my improvement as applied to an ordinary shirt-front, and Fig. 2, a transverse section through the line *x, x*, of the preceding view, and Fig. 3, the same view showing the plaits opened.

Heretofore it has been common to construct shirt-fronts with plaits so that the free edge of one plait would end about where the next succeeding plait began. Often one plait would slightly overlap another. Such a construction does not sufficiently cover the connecting web between the plaits from view when the web and lower part of the plaits become moistened and mussed from perspiration. To overcome this objection, I construct a shirt-front as follows:

Beginning at the left-hand side of a shirt bosom made out of a piece 1 of linen, muslin or other like goods, I form a narrow or half-plait 2 which consists in folding the cloth back upon itself to provide a single fold in the usual manner of making a plait. From the base of this half-plait extends another plait 3, which is a full-sized plait composed of one thickness of cloth folded back upon itself like the preceding half-plait. The base of this full-sized plait and the base of the half-plait are held together by stitching 4 which passes through five thicknesses of cloth forming the two bases of the plaits 2 and 3 whereby a strong and durable side-edge is provided for the attachment of the shirt-front to the body of the shirt or other wearing apparel. The bottom fold 10 of the full-sized plait 3 extends from the stitching 4 on toward the

right a distance about one-third greater than the length of a full-sized plait, from which point or free end it is folded back upon itself to form the next succeeding plait 5, to a point located below the middle or approximately the middle, of the plait 3, where it is stitched at 6 and is again folded and extended forward to make another plait 7 of the same size and shape as the full-sized plait just described, and so on.

All the free edges or ends of the plaits, excepting at the center of the last plait 9 of the bosom, may terminate at a point lying over and a little past the stitchings 6 at the bases of the plaits. The connecting webs 11 thus provided between the plaits are entirely sheltered from view by the overlapping of the latter, and though mussed or wilted by perspiration, will not affect the appearance of the plaits covering them. The lower halves of the plaits may also become moistened with perspiration without it being observable. It will be seen that the plaits are at least twice the width of the connecting webs 11, which is a very great advantage in securing the good results above mentioned.

The center 8 of the bosom may be connected with the main portion by means of a box plait 9 or by any other convenient means. The overlapping construction above described gives to the shirt-bosom a "shingled" effect, which greatly aids in providing ventilation between the plaits without allowing the intervening webs to be seen.

My construction might be used in shirt-front and shirt-waist goods made up in the piece, and my invention might doubtless be varied in many ways that would naturally suggest themselves to those skilled in the art, and I, therefore, do not limit myself to the exact construction herein shown but consider myself entitled to all variations that come within the scope and spirit of my device.

Having thus described my invention, what I claim as new and desire to secure by Letters-Patent, is:

1. In a structure for shirt-fronts, shirt waists and the like, a piece of goods provided with a series of plaits wherein the free end of one plait overlaps the center of the next succeeding plait, in combination with an intervening connecting web having a width equal to not over one-half that of the plait.

2. In a structure for shirt-fronts, shirt-

5 waists and the like, the combination with side and central connections, of a series of overlapping plaits formed of a continuous piece of material folded into plaits stitched at their bases, so that the stitching will lie approximately beneath the middle of each overlapping plait.

10 3. In a structure for shirt-fronts, shirt waists and the like, a piece of goods provided with a series of plaits wherein the free end of one plait overlaps the center of the

next succeeding plait, in combination with an intervening connecting web composed of a single thickness of material and having a width equal to not over one-half that of the plait. 15

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

RUTER W. SPRINGER.

Witnesses:

L. HOFFKINS,

A. L. KENT.