

R. CLUETT.  
Shirt-Bosom.

No. 161,205.

Patented March 23, 1875.

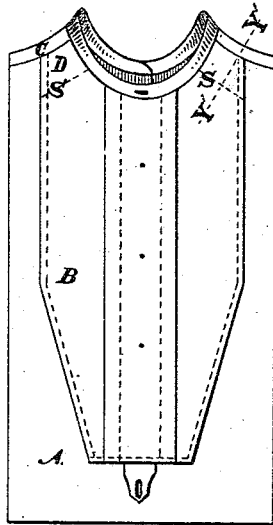


Fig. 1.

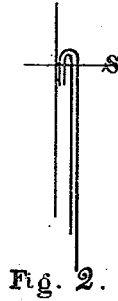


Fig. 2.

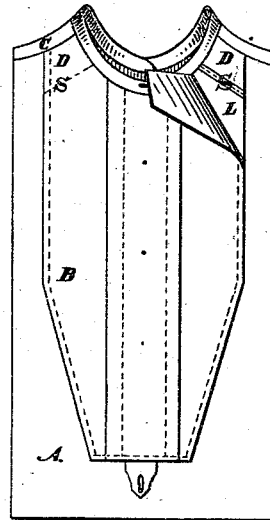


Fig. 3.

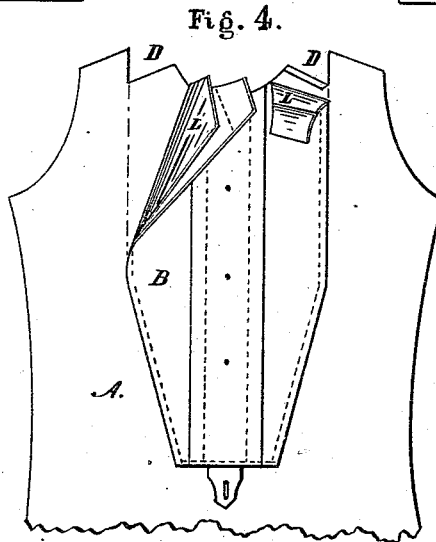


Fig. 4.

Witnesses;  
*Frank Houghton.*  
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# UNITED STATES PATENT OFFICE,

ROBERT CLUETT, OF TROY, NEW YORK.

## IMPROVEMENT IN SHIRT-BOSOMS.

Specification forming part of Letters Patent No. **161,205**, dated March 23, 1875; application filed April 8, 1873.

*To all whom it may concern:*

Be it known that I, ROBERT CLUETT, of the city of Troy, county of Rensselaer and State of New York, have invented a Shirt and Bosom, of which the following is a specification:

The objects sought to be accomplished by my invention are, to provide for free motion of the shoulders of the wearer, and obviate the defects in a shirt-bosom of the full usual width, general shape and form at the top, or without substantial change in this part of its contour, so that the rumpling, wrinkling, and misfitting of the bosom frequently existing may be prevented, and the comfort of the wearer be thereby promoted.

The same objects have been sought to be accomplished by drawing or curving in the upper part of the bosom on each side of and to the neck-band. My invention differs from this method in having the bosom of full width at top, and not having the bosom so drawn or curved in, and providing therein the means described hereafter to accomplish these objects.

The means I use to accomplish these objects consist, first, in cross-welts, seams, folds, or thicknesses of material interposed in the bosom between the front line of the yoke or shoulder-piece on either side, and a line drawn across the bosom at the bottom or front of the neck-band, traversing the two narrow projections or extensions of the bosom around the neck-band diagonally, and constituting a sort of hinge or line of flexure for the bosom from the motions of the shoulder; and, second, in a shirt-bosom made of two or more thicknesses of material in the main part, but made of a less number of thicknesses in the extensions on each side of the neck-band, so that the upper parts of each will be comparatively thin and pliable, and the lower or main part will be thick and stiff, as usual, and as required in that part of the shirt-bosom; and, third, in the combination of these two elements.

The seam or welt is an element or subdivision of my invention independent of the difference in the number of plies above and below it; and consists in an increased thickness or stiffness at that point, or on that line, over

both the parts above and the parts below it, which in itself resists the tendency of any rumple coming from a motion of the shoulders above, or wrinkles coming from slight displacement during washing and ironing, to extend below it, and also helps to keep the exposed part of the bosom extended and flat under all the usual circumstances of wear and use. The effects of the welt or seam are increased by making the parts of the bosom above it of less thickness than the part below it.

The shirt and bosom constituting or containing my invention are shown in the several figures of the accompanying drawing, where A represents the body of the shirt; B, the bosom; C, the yoke, spring, or shoulder-piece; and S, S, the welts or seams. That part of the body A which lies under the bosom, constitutes the back layer of the bosom when the bosom is inserted entirely and not laid on and attached to and over the body, and is also substantially the back layer or lower ply of the bosom when the bosom is attached over the body.

The sectional view, Fig. 2, shows the location of the welt or seam S in the bosom, which gives increased stiffness to the bosom where it is located, over and above that existing below or above it, and thereby protects the main part of the bosom from the tendency to rumple derived from the motion of the shoulders of the wearer, or otherwise arising. It also shows how the several layers or plies of the bosom are placed in reference to each other.

The proper location of the welt or seam, to secure the desired effect, varies with the forms of those who wear the shirt, persons of full form requiring less allowance for the motion of the shoulders than those of spare form.

The welt or seam may be formed by folding over the upper edge of one or more plies of the bosom or its linings, or in any suitable known way, and should be securely stitched to prevent displacement during the washing process. The stitching may be to and through the front or back layer of the bosom, or to and through all or any of the several layers constituting the shirt-bosom.

The parts above the seam or welt are made

thinner than the part below by the extension of a part, only—one or more layers—of the material composing the bosom, up to the yoke or shoulder-piece C, to which attachment is made in the usual manner. Figs. 1 and 3 show the front layer so extended.

I claim as my invention—

1. The welts S S, interposed in a shirt-bosom between the shoulder-pieces and a line drawn across the bosom at the front of the neck-band, as shown and described.

2. A shirt-bosom composed of two or more

plies or thicknesses of cloth in the main part, and of a less number in the upper portions of the extensions of the bosom, as shown and described.

3. The stiffening-welts S S, and the shirt-bosom B, composed of varied thicknesses, in combination, and placed in the relation to each other shown and described.

ROBERT CLUETT.

Witnesses:

JAMES A. SKILTON,  
THOS. HOUGHTON.