

W. HAY.
Shirt-Bosoms.

No. 153,564.

Patented July 28, 1874.

Fig. 1

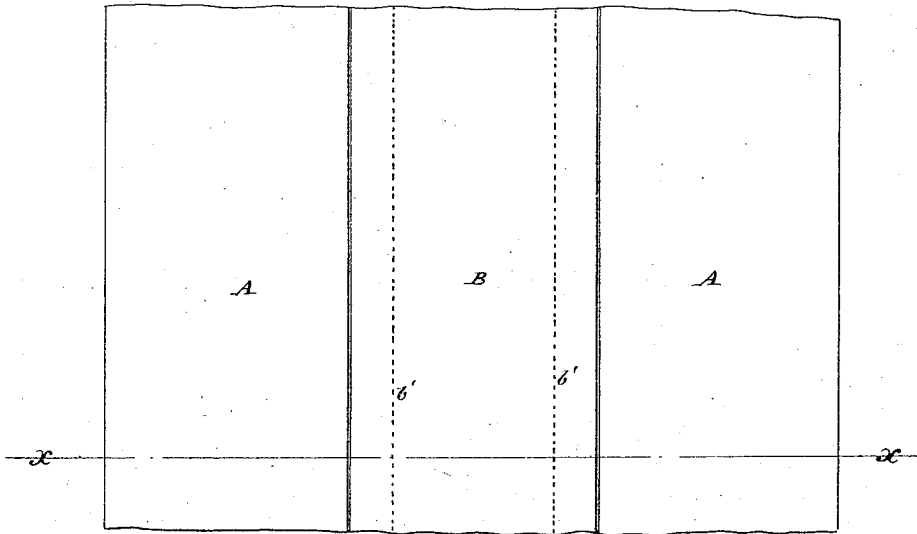
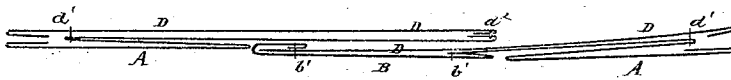


Fig. 2



Fig. 3



WITNESSES:

A. W. Almqvist
Chulquick

INVENTOR:

W. Hay
BY *[Signature]*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

WILLIAM HAY, OF NEW YORK, N. Y.

IMPROVEMENT IN SHIRT-BOSOMS.

Specification forming part of Letters Patent No. **153,564**, dated July 28, 1874; application filed April 4, 1874.

To all whom it may concern:

Be it known that I, WILLIAM HAY, of the city, county, and State of New York, have invented a new and useful Improvement in Reinforced Shirt-Bosom, of which the following is a specification:

Figure 1 is a front view of a portion of one of my improved shirt-bosoms. Fig. 2 is a cross-section of the same, taken through the line *x x*, Fig. 1, showing my invention applied to a closed bosom; and Fig. 3 is the same view as Fig. 2, but showing the invention applied to an open bosom.

My invention has for its object to furnish shirt-bosoms re-enforced or lined and strengthened with a coarse material in such a way as to make the bosom more durable, make them keep their places better, and make them inexpensive in manufacture.

The invention will first be fully described, and then pointed out in the claim.

A represents the side plaits, which are made of fine linen folded so as to be three thicknesses, as shown in Figs. 2 and 3. B represents the central plait, which is formed of one thickness of fine linen in its middle part, but has its edges folded so as to be three thicknesses. The middle plait is made in one piece with one of the side plaits A, and has a strip, C, of coarser material inserted in it, the edges of which enter the edge folds of the said plait B. D represents the coarser material, which, in the case of a closed bosom, extends entirely across it, and is secured to the middle plait B by two rows of stitching, *b'*, which also pass through the edge folds of said middle plait. The side

parts of the coarser material D are sewed to the under folds of the side plaits A, as seen at the points *d'*. In the case of the open bosom the inner part of the separate side plait A is extended inward to underlap the middle plait B, and the coarser material D is made in two pieces, the inner part of each piece extending inward the width of the middle plait. In this case the strip C of the coarser material is not required, so that no more of the said coarser material is used, and no more of the finer material except the breadth of the middle plait. In this case the outer edges of the under folds of the side plaits are sewed to the coarser material, and also the edge folds of the middle plait. The inner edges of the underlapping parts of the finer and coarser material are folded in and sewed together, as seen at the point *d''*. The outer edges of the finer and coarser material are folded in to receive the shirt-body to which they are sewed.

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

The combination of side plaits A of three thicknesses, central plait B of one thickness in the middle with three thicknesses on the folded edges, and the coarser piece D, all connected and put together as shown and described.

WILLIAM HAY.

Witnesses:

JAMES T. GRAHAM,
T. B. MOSHER.