

SOLOMON SIBLEY.

Improvement in Shirt Bosoms.

No. 120,462.

Patented Oct. 31, 1871.

Fig. 1.

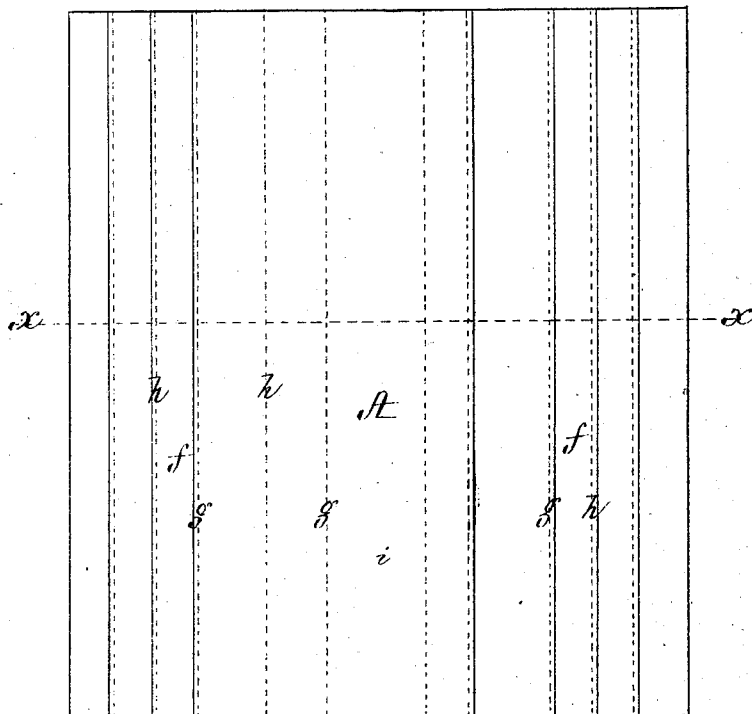


Fig. 2.



Witnesses,
J. E. Schenck
W. J. Cambridge

Inventor,
Solomon Sibley

UNITED STATES PATENT OFFICE.

SOLOMON SIBLEY, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN SHIRT-BOSOMS.

Specification forming part of Letters Patent No. 120,462, dated October 31, 1871.

To all whom it may concern:

Be it known that I, SOLOMON SIBLEY, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improvement in Shirt-Bosoms, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing making part of this specification, in which—

Figure 1 is a plan of the back or inner side of a shirt-bosom made in accordance with my invention. Fig. 2 is a transverse section on the line *xx* of Fig. 1.

In ordinary shirt-bosoms there is but a single thickness of material at the point where two plaits meet, while the plaits themselves consist of three thicknesses, and this thin portion, having a stouter portion on each side, soon becomes worn out in washing, causing the bosom to crack or split at these points, which renders it worthless, as it cannot be repaired. My invention has for its object to overcome this difficulty, and consists in reinforcing or strengthening a shirt-bosom at the points where the plaits meet by the application thereto of strips of linen, cotton, or other suitable material, the additional thickness thus given at the points where the greatest wear takes rendering the bosom much more durable than when made in the usual manner.

To enable others skilled in the art to understand and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawing, A represents a shirt-bosom, which is folded in the ordinary manner so as to form the plaits *a b c d e*. At the points where the plaits meet and where the material is necessarily of a single thickness only narrow strips *f f* of linen, cotton, or other suitable material are applied, one edge of each strip being secured by the same row of stitching *g*, which holds the plait down, the other edge of the strip being held in place by an extra row of stitching, *h*. When the shirt is made with an open back, which does not require the bosom to open in front, the portion *i* is extended, as seen in Fig. 2, beyond the point where the plaits *c d* meet,

the portion thus extended answering the same purpose as one of the strips *f*; but in a bosom which opens at the center the portion *i* could not be extended and secured in place, and a strip similar to one, *f*, would then require to be secured in the same manner as the other strips at the points where the plaits *c d* meet. By thus reinforcing and strengthening a shirt-bosom by the application of strips *f* at the points where the greatest wear occurs it is rendered much more durable, as the liability to crack or split between the plaits is entirely avoided, the thickness of the whole bosom being equalized, so that when starched it will have no weak places to be acted upon by the stiffer portions, as has heretofore been the case. Furthermore, it will set more smoothly than an ordinary bosom, while the expense of the strengthening strips is very trifling, as waste pieces of material can be employed which cannot be used for other purposes.

I am aware that a shirt-bosom has been made with stiffening strips inserted between the plaits, as described in the United States patent of Ira Perrego, Jr., dated September 25, 1860; but in such bosoms the liability to crack at the points between the plaits is increased rather than diminished, as the additional thickness is put into the plaits, where it is not required, while the single thickness of material is still left between the two stout portions of the bosom. I, therefore, lay no claim to such method of making a shirt-bosom; but

What I do claim as my invention, and desire to secure by Letters Patent, is—

A shirt-bosom reinforced or strengthened by the application of strips *f* of linen, cotton, or other suitable material at the points where the plaits meet, substantially as and for the purpose set forth.

Witness my hand this 21st day of September, A. D. 1871.

SOLOMON SIBLEY.

Witnesses:

P. E. TESCHEMACHER,
W. J. CAMBRIDGE.

(38)