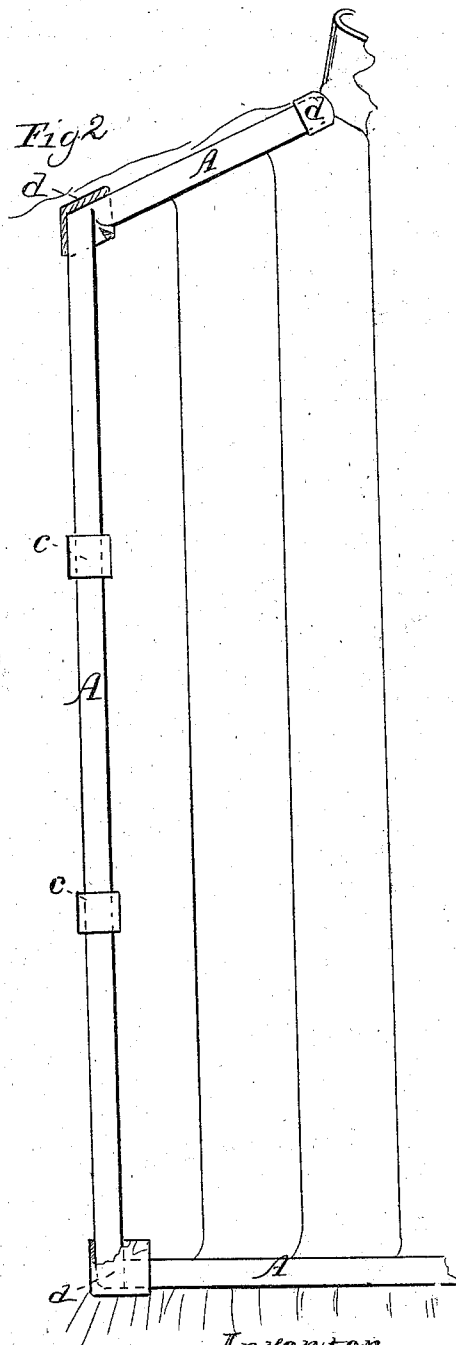
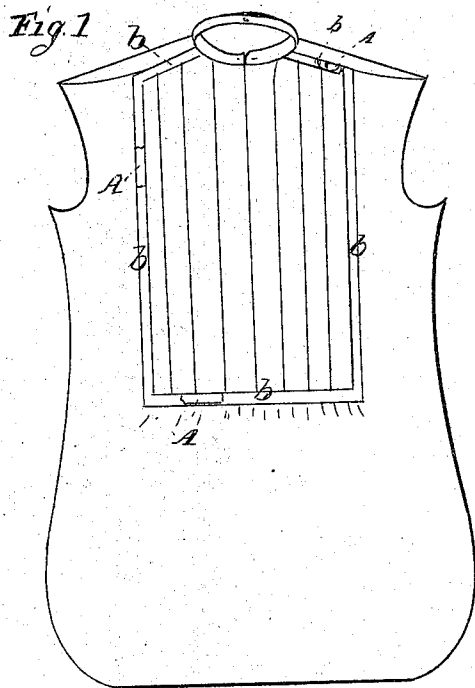


M. Palmer Jr,
Boston.

No 103232

Patented May 17 1870



Witnesses.
Ernst P. Mau.
Charles Keyser.

Inventor.
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UNITED STATES PATENT OFFICE.

MOSES PALMER, JR., OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN SHIRT-BOSOMS.

Specification forming part of Letters Patent No. **103,232**, dated May 17, 1870.

To all whom it may concern:

Be it known that I, MOSES PALMER, Jr., of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and valuable Improvement in Shirt-Bosoms; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of the under side of my shirt-bosom, showing the mode of attachment. Fig. 2 is a sectional view, showing a modification thereof.

My invention relates to shirt-bosoms; and consists in the application of strips of whalebone, or other similar flexible substance, to the border or edges thereof, whereby the bosom is effectually preserved from being crumpled by wear, and the set thereof materially improved.

In the application of these stiffening-strips, lettered *A* on the drawings, I usually arrange them around the border of the bosom and underneath the same. They are secured to the bosom by means of the slips or pockets *b*, formed in the cloth, in such a manner as to be readily removable when necessary. Sometimes, instead of a long casing, I prefer to form loops *c* at different points, to confine the stiffening-strip to the cloth, making use of the short pockets or stalls *d* to confine the ends thereof at the corners of the bosom, and prevent the strips from working out endwise.

When the upper corners of the shirt-bosom are close to the neck-band, the short stiffening-strips in the upper edges thereof may be omitted without material disadvantage; but when the bosom is broad they should be used.

It may also be found convenient to dispense with the horizontal stiffener at the bottom edge of the bosom. This will depend upon the length and style of the bosom; or a short strip may be introduced to stiffen the bottom edge at its central portion only, instead of extending from corner to corner.

Instead of whalebone I may employ strips of other material. Spring-steel, such as is used in the manufacture of hoop-skirts, will serve an excellent purpose. Wire may also be used, as well as thin strips of wood.

My shirt-bosom retains its set and smoothness in a marked manner. Even when confined by the outer clothing it is not crushed thereby.

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

A shirt-bosom provided with the stiffeners *A* in its sides, or sides, bottom, and top edges, substantially as shown and described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

MOSES PALMER, JR.

Witnesses:

E. W. ANDERSON,
EDW. P. MASÉ.