A. BROWN.
Bosom-Board.

No. 206,770. Patented Aug. 6, 1878.

Fig. 1.

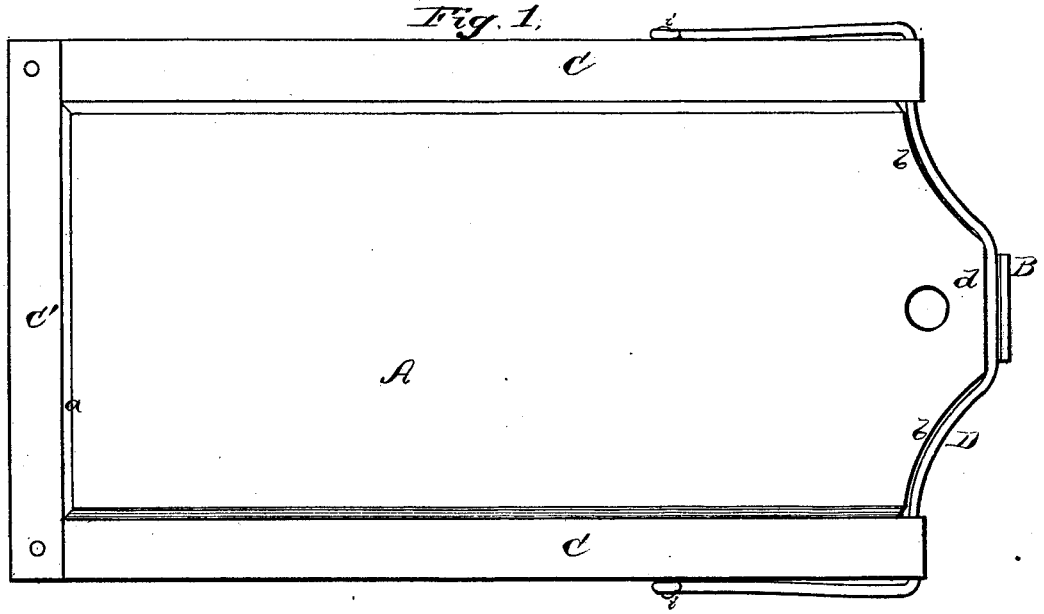


Fig. 2.

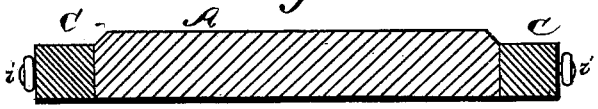
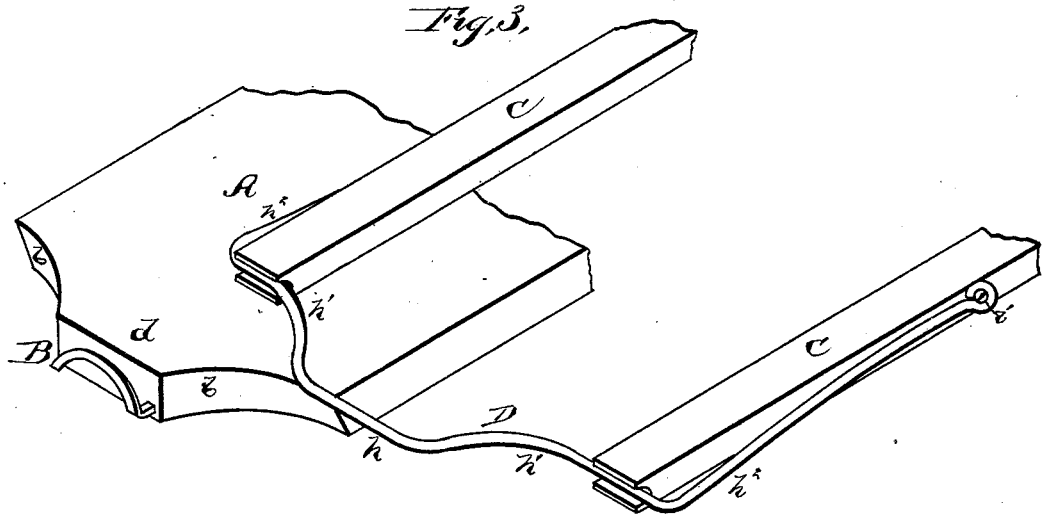


Fig. 3.



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UNITED STATES PATENT OFFICE.

ALANSON BROWN, OF ROCHESTER, NEW YORK.

IMPROVEMENT IN BOSOM-BOARDS.

Specification forming part of Letters Patent No. **206,770**, dated August 6, 1878; application filed January 5, 1878.

To all whom it may concern:

Be it known that I, ALANSON BROWN, of Rochester, State of New York, have invented certain new and useful Improvements in Bosom-Boards; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

The nature of my invention consists in the construction and arrangement of a bosom-board, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a plan view of my bosom-board. Fig. 2 is a cross-section of the same. Fig. 3 is a perspective detailed view of parts thereof.

A represents the bosom-board proper, having its lower end beveled, as shown at *a*, and its upper end cut with beveled curves *b b* at the sides, to form a suitable place for the neck of the shirt, there being thus made a projection, *d*, in the center of said upper end of the board. On this projection *d* is secured a double or elongated wire hook, B, as shown. The frame or stretcher to be used in combination with this board consists of two parallel side bars, C C, connected at one end by a pivoted cross-bar, C′. At the other or upper end is secured a wire stretcher, D. This is constructed of a single piece of wire bent to form a straight piece, *h*, in the center, from each end of which the wire is bent in curved form, as shown at h^1 h^1, and the ends h^2 h^2 of the wire are bent downward, and the extreme ends form loops, fastened by screws *i i* to the outer sides of the side bars, C C, of the frame.

It will be noticed that when thus arranged the arms h^2 of the stretcher do not lie close against the side bars, C C, but are inclined, so that while the loops are held tightly against them by the screws *i*, the outer or upper ends of said arms project beyond the outer sides of the side bars, and the curved portions h^1 pass through grooves in the ends of said side bars. Thus the wire D has a certain degree of elasticity or spring, which is of great importance in the working of the bosom-board.

The wire forms a double-acting spring, by which the bosom is sufficiently stretched both ways, and held firm while the irons are applied. The stretcher C D may be used either side down.

After the shirt has been placed on the board A, the wire D is placed over the top of the board down into the hook or guard B, and then with the hands the frame is gradually pressed down along the sides of the board until the cross-piece C′ comes in contact with the bevel *a* of the board. The board being a little longer than the frame, when pressure is applied it is drawn onto the board, stretching the bosom at the same time, the spring-wire D yielding sufficiently to let it on. At the same time that the stretcher is applied lengthwise it closes firmly against the sides of the board by means of the double action of the spring.

The frame is not as thick as the board; hence the frame is always pressed a little below the surface, so as not to come in the way of the irons.

I am fully aware that bosom-boards provided with a frame (or its equivalent) for stretching and holding the bosom are not new, and I do not claim such, broadly, as my invention.

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

The combination of the bosom-board A, having beveled edge *a*, projection *d*, and hook B, with the stretcher, composed of the cross-bar C′, side bars, C C, pivoted in the ends thereof, and the double-acting spring D, forming straight center piece, *h*, curves h^1 h^1, and inclined arms h^2 h^2, all constructed substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

ALANSON BROWN.

Witnesses:
W. C. MCARTHUR,
JNO. D. PATTEN.