J. H. KANE.
Bosom-Board.

No. 196,461. Patented Oct. 23, 1877.

Fig. 1.

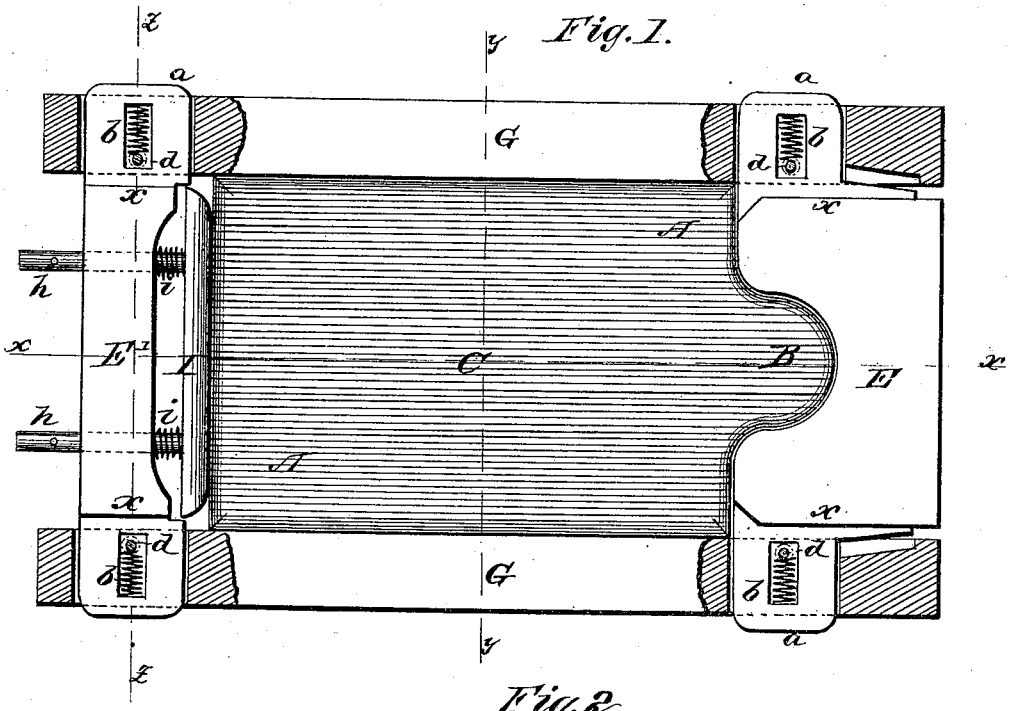


Fig. 2.

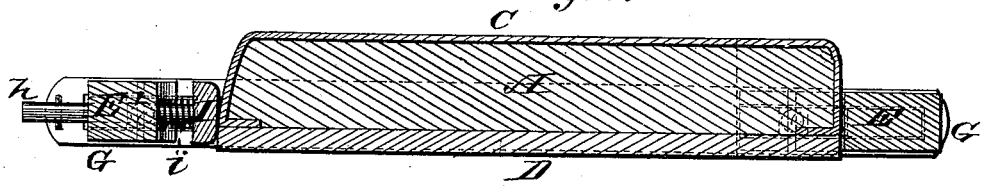


Fig. 3.

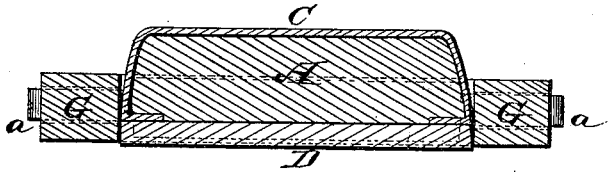
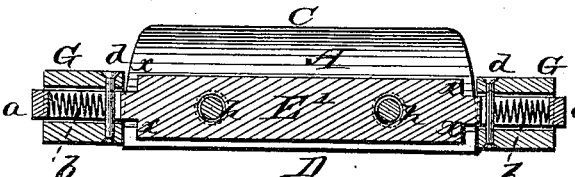


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

JOHN H. KANE, OF AMSTERDAM, NEW YORK, ASSIGNOR TO WILLIAM J. MUNSELL, OF SAME PLACE.

IMPROVEMENT IN BOSOM-BOARDS.

Specification forming part of Letters Patent No. **196,461**, dated October 23, 1877; application filed March 27, 1877.

To all whom it may concern:

Be it known that I, JOHN H. KANE, of Amsterdam, in the county of Montgomery and 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, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a 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 the annexed drawings, Figure 1 is a plan view of my invention, partly in section. Fig. 2 is a longitudinal section of the same through the line *x x*, Fig. 1. Figs. 3 and 4 are transverse vertical sections through the lines *y y* and *z z*, respectively.

A represents the bosom-board proper of any suitable dimensions, formed at one end with the neck B, and entirely inclosed within a covering, C, of any suitable material, and the edges of this covering fastened on the under side of the bosom-board A by means of a board, D, fastened thereto, or in any other suitable manner.

The complete bosom-board is of such thickness that when placed in its surrounding frame it will be elevated a suitable distance above the same, and the surrounding frame thus be so far below the upper surface of the bosom-board that said frame will be entirely out of the way when ironing.

The frame surrounding the bosom-board A is composed of two side bars, G G, having suitable mortises near the ends for the insertion of the tenons *a a* on the ends of the end pieces E E′, which tenons are passed through said mortises. Each tenon *a* is provided with a longitudinal slot, in which is placed a spiral spring, *b*, the inner end of said spring bearing against a pin, *d*, fastened in the side piece G, and passing through the slot in the tenon *a*.

The tendency of the springs *b b* is to draw the side pieces G G inward against the shoulders *x x* on the end pieces E E′.

The inner edge of the end piece E is cut out to correspond with the neck B of the bosom-board, so that said neck will fit therein, and the end piece E′ is, on its inner side, provided with a movable bar, I, which has pins *h h* passing through said end piece, and spiral springs *i i* surrounding said pins, whereby the bar I is forced inward.

When the bosom is placed on the bosom-board A, and said board then placed in the frame, the various springs give pressure on all sides, so as to stretch the bosom evenly all around, and the bosom-board being elevated above the surrounding frame, the bosom can be ironed perfectly smooth and even without wrinkles.

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

The combination of the mortised side pieces G G, the end pieces E E′, having slotted tenons *a*, with springs *b* and pins *d*, the bar I, with pins *h* and springs *i*, and the elevated bosom-board A, all 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.

JOHN H. KANE.

Witnesses:

JAMES H. HURST,

JAMES F. MCKENNEY.