

R. McCoy.
Bosom-Board.

No. 205,115.

Patented June 18, 1878.

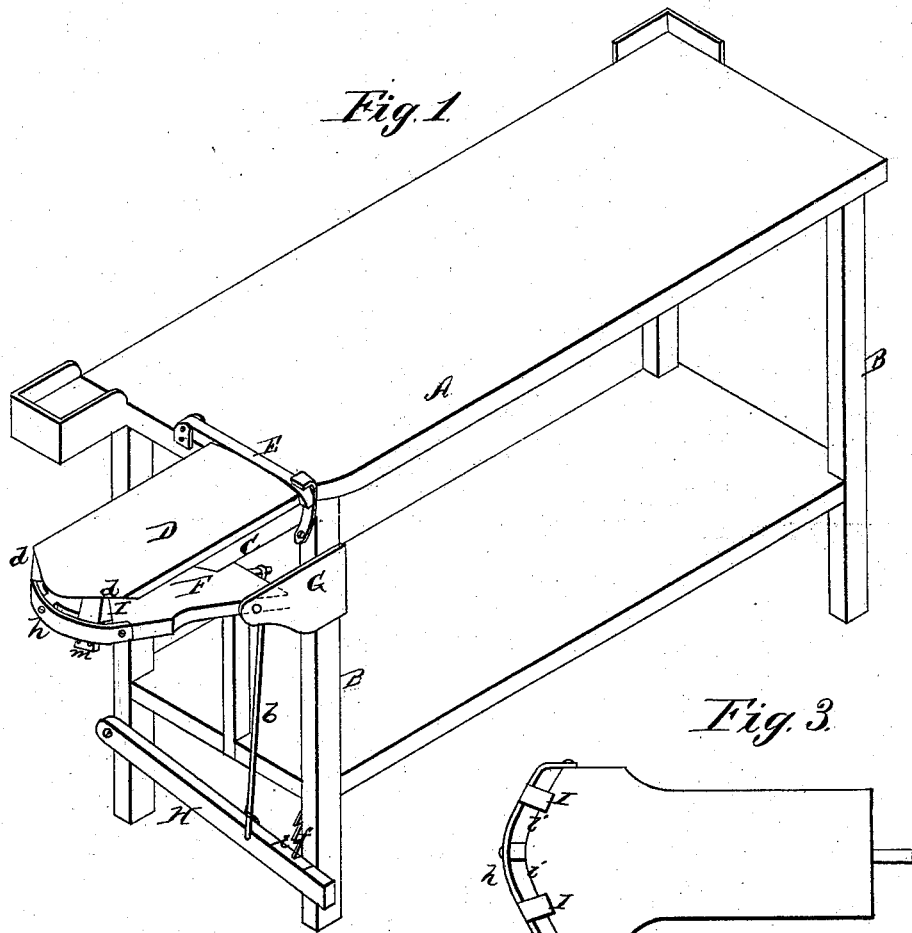


Fig. 1

Fig. 2

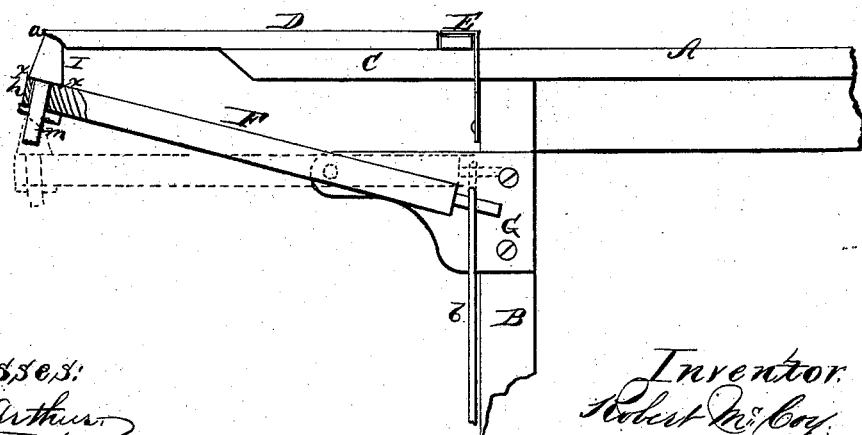
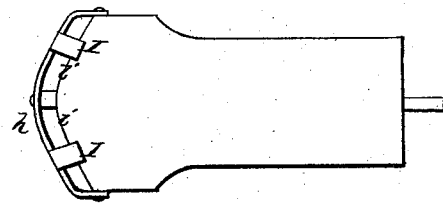


Fig. 3



Witnesses:
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UNITED STATES PATENT OFFICE.

ROBERT MCCOY, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN BOSOM-BOARDS.

Specification forming part of Letters Patent No. 205,115, dated June 18, 1878; application filed May 31, 1878.

To all whom it may concern:

Be it known that I, ROBERT MCCOY, of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Ironing-Tables; 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.

My invention relates to bosom-boards for ironing shirt-bosoms; and it consists in a tilting-clamp arranged beneath the bosom-board to clamp and hold the shirt by the yoke, and in the construction and arrangement of devices, 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 drawing, in which—

Figure 1 is a perspective view of my invention. Fig. 2 is a side elevation of the same. Fig. 3 is a plan view of the clamping device.

A represents an ordinary table supported upon legs B B, as shown, or in any other suitable manner.

The table-top A is, at one end, formed with an extension, C, upon which the bosom-board D is firmly secured.

Ordinarily bosom-boards are formed with a neck projection, around which the collar-band of the shirt, when buttoned, is drawn, and the shirt then held at the lower end of the bosom by a suitable clamping device. This is objectionable, for the reason that the bosom and collar-band are necessarily drawn out of shape, and the strain on the band will in many cases pull out the button and a piece of the band with it.

I form the bosom-board D, at the outer end, with a gradual slope from near the center toward both sides, as shown at *d d*, and the outer end of the bosom-board is hollowed out underneath, forming a bevel or groove, *a*, to receive a set of clamping-fingers, hereinafter described,

operating from underneath to clamp and hold the shirt by the yokes.

The shirt is put on the board in the usual manner, except that the collar-band is not buttoned, and the yokes will follow the curves or inclines *d d* of the board, and are then held fast by the clamping-fingers from below.

The shirt is then clamped at the inner end of the bosom-board—that is to say, at the lower end of the bosom—by any suitable clamping device, E, to which I lay no claim.

The device used for clamping the yoke of the shirt at the outer end of the bosom-board is preferably constructed as follows: To the frame or legs under the table A, and under the bosom-board D, are attached two plates or arms, G G, between which is hung a tilting platform or board, F. The inner end of this platform is, by a cord, *b*, or its equivalent, connected with a foot-lever, H, pivoted at one end, and its free end provided with a plate, *e*, to catch in a ratchet-bar, *f*, and thereby hold the outer end of the platform, or any devices connected thereto, against the outer hollowed-out end of the bosom-board.

The outer end of the platform F is shaped and notched, as shown in Fig. 3, and a metal bar, *h*, fastened around the end of the platform so as to form two slots, *i i*. I I represent two beveled fingers, which are provided with tenons or shanks *m m* of suitable size to fit in the slots *i i*, and forming shoulders *x x* to rest on the bar *h* and on the end of the platform. These fingers clamp the yoke of the shirt in the beveled or hollowed-out edge *a* of the bosom-board, and the fingers may be moved out or in to suit the size of the shirt on the board.

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

1. In combination with a bosom-board, a tilting clamp arranged underneath the board and operated by a foot-lever for clamping the yokes of the shirt to the edge of the board, as herein set forth.

2. In combination with a bosom-board, a tilting-board or platform arranged under the

bosom-board, operated by a foot-lever, and provided at its outer end with upwardly-projecting fingers, substantially as and for the purposes herein set forth.

3. Laterally-adjustable fingers arranged in the outer end of a tilting platform operated by a foot-lever, in combination with a bosom-board, 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.

ROBERT McCOY.

Witnesses:

T. H. ALEXANDER,
FRANK GALT.