

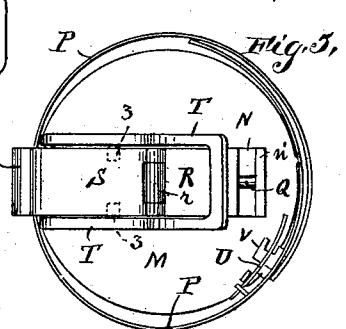
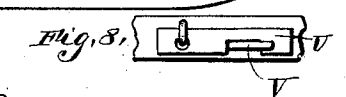
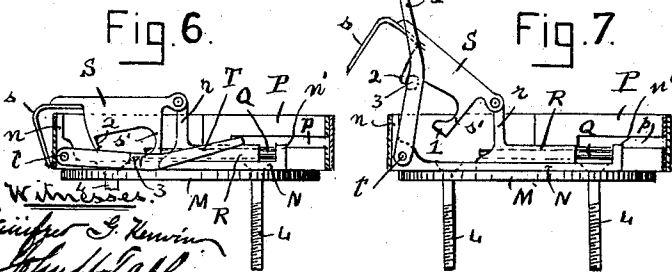
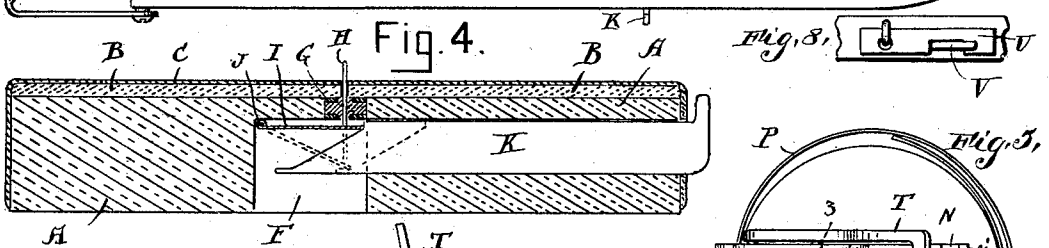
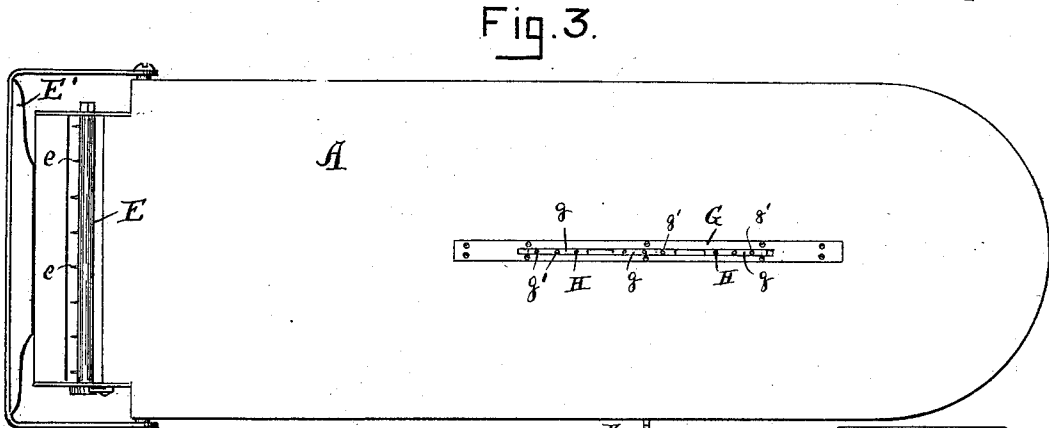
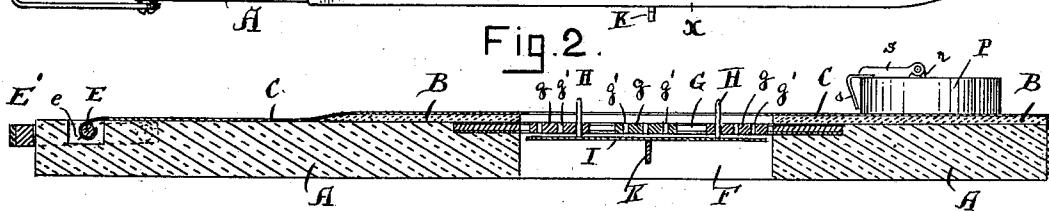
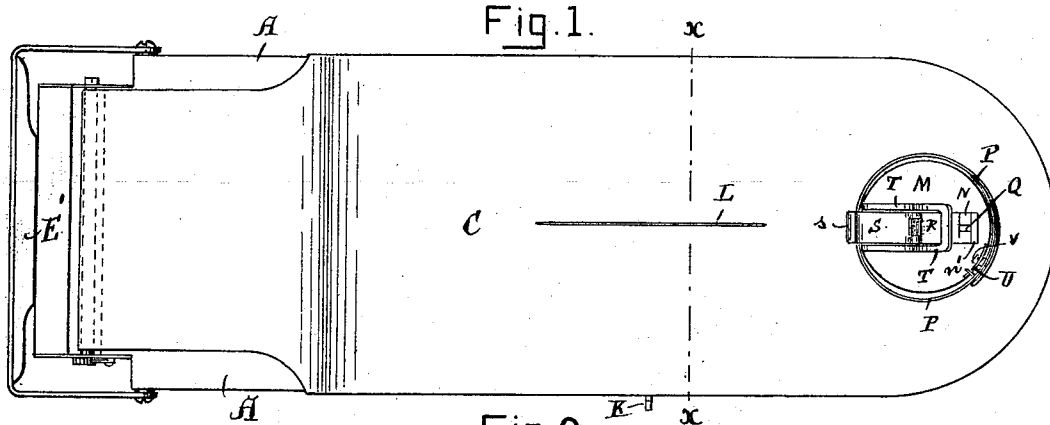
No. 623,102.

Patented Apr. 11, 1899.

H. MONK.
SHIRT BOSOM IRONING BOARD.

(Application filed Oct. 14, 1897.)

(No Model.)



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UNITED STATES PATENT OFFICE.

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SHIRT-BOSOM-IRONING BOARD.

SPECIFICATION forming part of Letters Patent No. 623,102, dated April 11, 1899.

Application filed October 14, 1897. Serial No. 655,105. (No model.)

To all whom it may concern:

Be it known that I, HENRY MONK, a citizen of the United States, and a resident of Cambridge, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Shirt-Bosom-Ironing Boards, of which the following, taken in connection with the accompanying drawings, is a specification.

My invention relates to certain improvements in shirt-bosom-ironing boards, the object being to hold the shirt-bosom in place, so that it can be ironed evenly and the stud-holes held in line, thus causing the shirt-bosom to sit properly in place when applied to the wearer; and the invention consists in certain details of construction, as hereinafter described, and pointed out in the claims.

Referring to the accompanying drawings, Figure 1 represents a plan or top view of a shirt-bosom board embodying my invention. Fig. 2 is a vertical longitudinal section taken through the center. Fig. 3 is a top or plan view of the board with the covering removed. Fig. 4 is a cross-section taken on line $x x$ of Fig. 1, drawn to a larger scale. Fig. 5 is a plan or top view of the collar-clamping device. Fig. 6 is a side elevation of same, showing the clamp in the closed position and the expanding ring in section. Fig. 7 is a similar view showing the clamp in the raised position.

A represents the wooden portion of the ironing-board, B the felt upon the upper side thereof, and C the cloth covering said felt and stretched upon the same by means of a roller E, provided with pins e in the usual manner, said roller being retained in place by a ratchet-wheel and pawl at one end in the usual manner.

E' is the skirt-clamp, of ordinary construction.

In the central portion of the board is formed a slot F, in which is fitted a frame G, carrying in its central portion slides g , formed with holes $g' g'$ to receive pins H. These pins are free to be raised by means of a plate I, fulcrumed to a longitudinal rod J, the free side of said plate being raised by means of a beveled slide K, operated from one side of the board. (See Fig. 4.) The blocks g are of

such form that they can be slid backward or forward in the frame G, so that the pins H can be easily and readily adjusted to the position of the stud-holes in the shirt-bosom to be ironed, said pins H when in position being held up by the plate I, and after the pins have been placed in the stud-holes the slide K is drawn out and the free side of the plate I falls of its own weight, the pins H being held up by frictional contact only, so that they can be easily depressed, so as to be out of the way, by placing the iron upon them. Of course the felt B and clothing C have to be formed with a slit L for the pins H to slide in.

Upon the upper end of the board is secured a collar-clamp. This clamp consists of a plate M, that rests upon the top of the clothing C. Upon this plate is placed a narrow plate N, having upturned ends. To the forward end is secured an expanding ring P, and to the rear end n' is secured a rod Q, that extends forward, as shown, and upon which is mounted a sliding piece R, having an upright arm r at its forward end. To the upper end of said arm is hinged a clamping-piece S, the forward end s of which is preferably of spring metal and extends down and fits over the expanding ring P, as shown, and its rear end s' also extends down, so that when the clamp is closed its lower end rests against the front of the sliding piece R and almost in contact with the top of the plate N and is there formed with a cam-piece 1, and near the forward end of the clamping-piece S is formed a downward projection 2. The clamp is operated by means of a loop or saddle piece T, the front ends of which are fulcrumed at t to the forward end of the plate N. On the inner side of each arm of the piece T is formed a cam 3, which when the piece T is raised comes into contact with the downward projection 2 on the clamping-piece S and draws it forward, so that its end s projects some distance beyond the front of the expanding ring P, as shown in Fig. 7, and when said piece T is depressed said cams 3 come into contact with the end s' of the clamp and force it backward until the said cams 3 come into contact with the cam 1, when it is pushed back to its fullest extent and locked, the lower edge of the end s of the clamp then pressing hard upon the

expanding ring P. The plates M N are secured to the board by screws 4.

In order to hold the expanding ring P in the contracted position while a shirt is being applied to the board, I form one end of said ring with a long slot *p* and at the inner portion of the slot secure a hinged catch U, and near the other end of the ring is secured a stud V, free to work in the slot *p*, so that when the ring is contracted it is held in that position by said hinged catch U passing over the stud V. Then when the shirt has been adjusted upon the board the hinged catch U is raised and the ring is free to expand to fit the collar.

What I claim is—

1. In combination with a shirt-bosom-ironing board a collar-clamp consisting of a plate secured to the board an expanding ring attached to same, a hinged sliding piece working on said plate, the forward end of which extends over the front of the expanding ring and a saddle-piece or lever for operating the

hinged sliding piece, substantially as and for the purposes set forth.

2. In a shirt-bosom-ironing board a frame let into the central upper portion of the board, slides, having holes, mounted therein, pins free to pass through said holes, a longitudinally-hinged plate and a bevel-ended slide for raising the free end of said hinged plate, substantially as and for the purposes set forth.

3. A shirt-bosom-ironing board provided with a central slit through the felt and clothing in combination with pins passing through same and means such as described for raising said pins and allowing them to be depressed, substantially as set forth.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 12th day of August, A. D. 1897.

HENRY MONK.

Witnesses:

NEWELL D. ATWOOD,
EDWIN PLANTA.