

No. 701,197.

Patented May 27, 1902.

J. M. GERNERT & J. F. ATEN.

DOUBLE IRONING BOARD.

(Application filed Sept. 21, 1901.)

(No Model.)

FIG. 1.

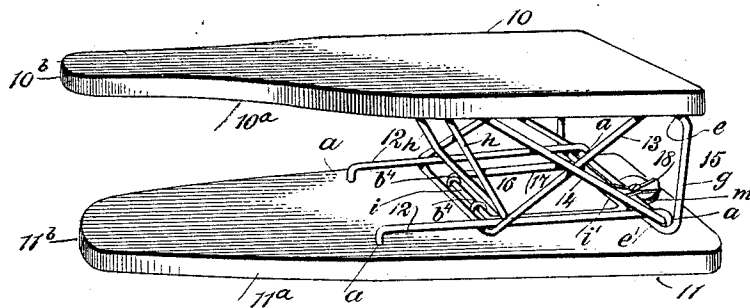


FIG. 2.

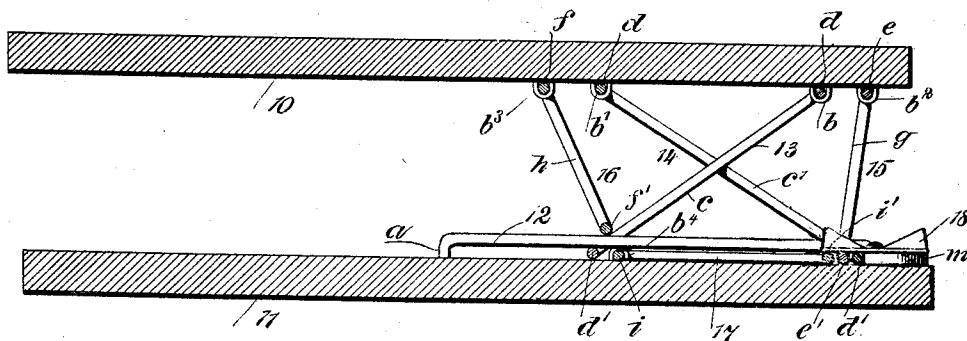
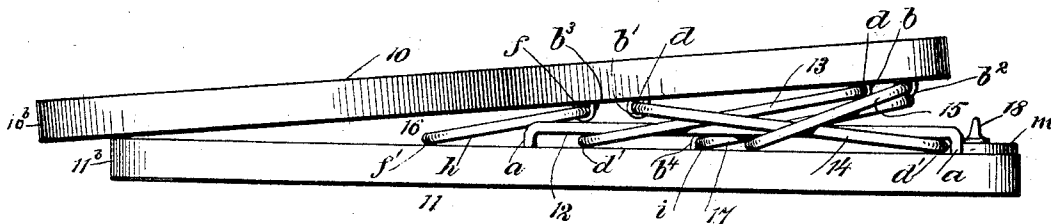


FIG. 3.



WITNESSES:

Julius H. Hub.
Wm. Patton

INVENTORS

John M. Gernert
James F. Aten

BY

Mumford
ATTORNEYS

UNITED STATES PATENT OFFICE.

JOHN MAURICE GERNERT AND JAMES FENIMORE ATEN, OF BELLEVUE,
OHIO; SAID GERNERT ASSIGNOR TO SAID ATEN.

DOUBLE IRONING-BOARD.

SPECIFICATION forming part of Letters Patent No. 701,197, dated May 27, 1902.

Application filed September 21, 1901. Serial No. 76,051. (No model.)

To all whom it may concern:

Be it known that we, JOHN MAURICE GERNERT and JAMES FENIMORE ATEN, citizens of the United States, and residents of Bellevue, Ohio, in the county of Huron and State of Ohio, have invented a new and Improved Double Ironing-Board, of which the following is a full, clear, and exact description.

This invention has for its object to provide novel means for foldably connecting two ironing-boards with each other, which enables the use of either board, the boards being of different marginal forms, one board becoming the base for support of the one that is to be put into use.

The invention consists in the novel construction and combination of parts, as hereinafter described, and defined in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of the improvement adjusted for the use of either pressing-board by the reversal of the position of the device. Fig. 2 is an enlarged longitudinal sectional view of the device arranged for service, and Fig. 3 is a side view of the same in folded condition.

The pressing-boards 10 11 are of nearly equal length and may have equal breadth rearward of their longitudinal centers, said rear portions each having parallel side edges and rear ends at right angles therewith. One pressing-board 10 is gradually tapered edge-wise from the middle of the board toward the front end thereof, so as to considerably reduce the width and give it the proper form for the support of the sleeves of coats or dresses and the leg portions of garments that are usually ironed on a sleeve-board, the end of said tapered portion 10^a being rounded, as shown at 10^b in Fig. 1. The other board 11 is also regularly narrowed from the middle toward its front end, this portion 11^a terminating in a rounded end 11^b, the part 11^a having greater width than the corresponding part 10^a of the other pressing-board 10.

Two guide-bars 12 of equal length are provided, each having short depending limbs *a*,

bent on their ends substantially at right angles thereto, and said guide-bars are firmly secured on one side of the pressing-board 11 and extended from near the rear end thereof forwardly parallel with each other, their attachment to the board being effected by the insertion of the free ends of the limbs *a* into the material of the pressing-board.

Upon the under side of the pressing-board 10 two substantially similar spacing-loops 13 14 are held to rock by staples *b b'*, that are driven into the board 10. The spacing-loops 13 14 each consist of a rectangular bent wire rod, respectively having two parallel side members *c c'* and the parallel top and bottom members *d d'*. The staples *b* loosely embrace the upper members *d* of the spacing-loop 13, thus loosely securing it transversely on the board 10, near the rear end thereof, the lower member *d'* of said spacing-loop being held loosely upon the board 11 by the guide-bars 12, under which it passes, so that said spacing-loop may incline forwardly and downwardly from its point of connection with the board 10. The spacing-loop 14 is connected with the pressing-board 10 forwardly of the spacing-loop 13 by the staples *b'*, that are inserted in the board, and loosely engage with the upper transverse member *d* of said spacing-loop, the lower transverse member *d'* being extended over the lower board 11 beneath the guides 12, and, as shown, the spacing-loop 14 inclines downwardly and rearwardly, the side members *c c'* of the two spacing-loops passing close to each other in pairs.

A rear prop-brace 15 in the form of a rectangular loop, preferably formed of wire-rod material, is held to rock on the pressing-board 10 by the staples *b²*, that are inserted in said board and loosely embrace the transverse upper bar *e* of the prop-brace, said loose connection being near to and rearward of the transverse member *d* of the spacing-loop 13, and, as shown, the lower cross-bar *e'* of the prop-brace 15 passes beneath the guides 12 in front of the transverse lower member *d'* of the prop-brace 14. The side members *g* of the prop-brace 15 are separated such a degree by the upper and lower transverse bars *e e'* that they may freely pass outside of the side members *c c'* on the spacing-loops 13 14,

and thus permit the prop-brace 15 to be rocked forwardly in engagement with the guides 12, as occasion may require.

Another prop-brace 16 is provided for the device and is substantially similar in form to the prop-brace 15, with the exception that its side members *h* are somewhat shorter than the side members *g*. The rectangular prop-brace 16 is held to rock on the pressing-board 10 by staples *b*³, that embrace the upper cross-bar *f* of said prop-brace and are inserted into the pressing-board forwardly of the cross-bar *d* on the spacing-loop 14.

Between the guides 12 a keeper 17 is held to rock on the pressing-board 11, said keeper being formed of wire rod or other available material bent into rectangular shape, the forward cross-bar *i* thereon being loosely engaged by the staples *b*⁴, that embrace it and are driven into the pressing-board 11. The keeper-loop 17 is of such length and is so positioned that the rearward cross-bar *i'* thereon will be adapted to lie close to the lower cross-bar *e'* of the rear prop-brace 15 when the latter is in erected position, as shown in Fig. 2.

A turn-button 18 is mounted upon the pressing-board 11 near its rear end and is so spaced from said board by the washer *m* that it may be turned over the lower cross-bars of the prop-brace 15, forward spacing-loop 14, and cross-bar *i'* of the keeper-loop 17 when they are arranged adjacent to each other.

In adjusting the double ironing-board for use of either pressing-board 10 or 11 the boards are pulled away from each other manually, which will space them apart and dispose the spacing-loops 13 14, as shown in Figs. 1 and 2. The rear prop-brace 15 is disposed nearly upright by rocking its lower end toward the lower cross-bar *d'* of the spacing-loop 14, which should be positioned near the turn-button 18 by the rearward adjustment of the upper pressing-board 10. The lower cross-bar *e'* of the rear prop-brace 15 is pressed against the similar cross-bar *d'* of the spacing-loop 14 by folding the keeper-loop 17 down upon the pressing-board 11, so as to enforce contact of its rear transverse bar *i'* with the bottom cross-bar *e'*, as clearly shown in Fig. 2. The turn-button 18 is now adjusted so as to bear upon the three transverse bars *d'*, *e'*, and *i'*, which will bind the keeper-loop 17 and prevent its upward movement. Simultaneously with the elevation of the board 10 the forward prop-brace 16 is inclined rearward, so that the lower cross-bar *f'* on this brace may contact with the side members *c* of the spacing-loop 13 and be seated upon the guides 12, as shown in Figs. 1 and 2.

It will be seen that the coaction of the described parts will afford a firmly-braced adjustable connection between the pressing-boards 10 11, which may be quickly arranged to space these boards apart a sufficient distance for the convenient use of either board, as by turning the space-boards sidewise the one needed for use may be disposed upper-

most and the other one afford a base for its support upon a table or other fixture.

When the device is not needed for use, it may be readily folded, as shown in Fig. 3, to effect which the turn-button 18 is first released. Then the front prop-brace 16 is rocked forwardly and the keeper-loop 17 lifted off of the board 11. This will permit the two boards to be pressed toward each other until they assume the relative positions indicated in Fig. 3, making a compact package that takes up but little room in a closet or other place for its storage.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

1. In a double ironing-board, two pressing-boards, quadrangular spacing-loops held to rock on one board, two elongated guides secured near side edges on the other board, the spacing-loops engaging with said guides, and means substantially as described for securing said spacing-loops angularly disposed between the boards so as to suitably space the boards apart.

2. The combination with two quadrangular spacing-loops loosely held on one pressing-board, guides longitudinally disposed near side edges of the other board, cross-bars of the spacing-loops engaging beneath the guides, and adjustable means to define the degree of inclination given to the spacing-loops for suitably spacing apart the two pressing-boards.

3. The combination with two pressing-boards, two spacing-loops held to rock on one of the pressing-boards, and guides on the other pressing-board loosely engaged by the opposite ends of the spacing-loops, of coacting braces adjustable from one pressing-board and loosely engaging the guides, and means for securing the spacing-loops and braces adjusted to space apart the pressing-boards.

4. The combination with two pressing-boards, two rectangular spacing-loops held to rock on one of the pressing-boards by one end of each loop, and two longitudinally-disposed parallel guides secured on the other pressing-board and loosely engaged by opposite ends of the spacing-loops, of two spaced and coacting braces rockably held on one of the pressing-boards and engaging the guides, a foldable keeper-piece on one of the pressing-boards adapted to press upon the free end of one of the braces and an adjacent end of one of the spacing-loops, and a turn-button adapted to bear upon the keeper-piece to hold it folded on the pressing-board.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

JOHN MAURICE GERNERT.
JAMES FENIMORE ATEN.

Witnesses:

R. B. WOOD,
L. E. MERRY.