No. 797,368. PATENTED AUG. 15, 1905.

H. PIKE.

FOLDING IRONING BOARD.

APPLICATION FILED MAY 2, 1904.

Fig. 1.

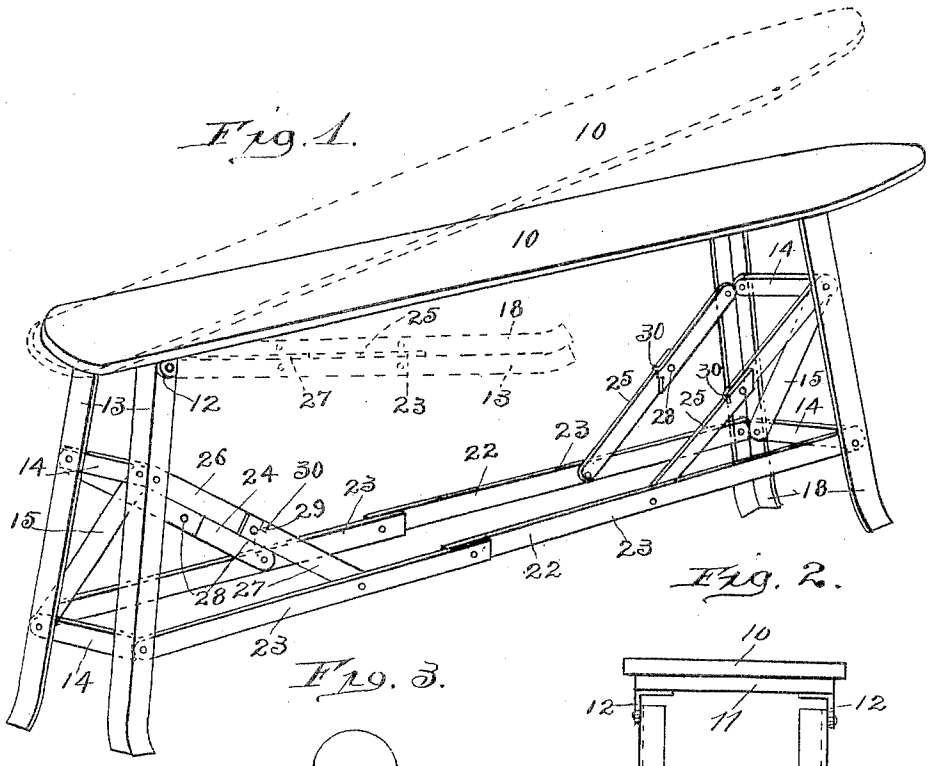


Fig. 2.

Fig. 3.

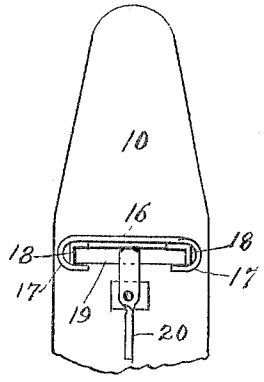


Fig. 5.

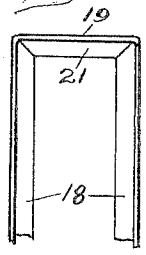


Fig. 4

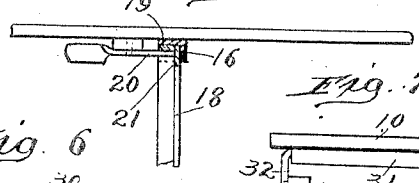


Fig. 6

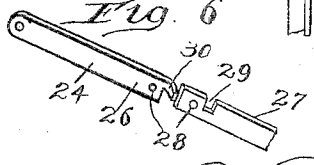
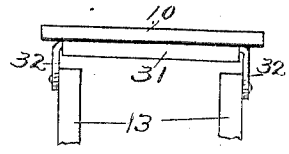


Fig. 7.



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UNITED STATES PATENT OFFICE.

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FOLDING IRONING-BOARD.

No. 797,368. Specification of Letters Patent. Patented Aug. 15, 1905.

Application filed May 2, 1904. Serial No. 205,890.

To all whom it may concern:

Be it known that I, HERBERT PIKE, a subject of the King of Great Britain, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Folding Ironing-Boards, of which the following is a specification.

This invention relates to improvements in a folding ironing-board; and it consists in certain peculiarities of the construction, novel arrangement, and operation of the various parts thereof, as will be hereinafter more fully set forth and specifically claimed.

The principal object of the invention is to provide an ironing-board which shall be simple and inexpensive in construction, very strong and durable, and so made that its supporting parts may be folded together and against the board into a compact form and so as to occupy but little space.

Another and important object of the invention is to so construct and arrange the different parts of the device that when its supporting members are extended they may be readily and firmly secured in such position and will rigidly support the board and prevent movement thereof in the operation of ironing the garments.

Still another object is to arrange the board with respect to its support in such a manner that it may be raised at one of its ends to permit of the garments, such as ladies' skirts or petticoats, being placed on the board without being wrinkled by the legs.

Other objects and advantages of the invention will be disclosed in the subjoined description and explanation.

In order to enable others skilled in the art to which my invention pertains to make and use the same, I will now proceed to describe it, referring to the accompanying drawings, in which—

Figure 1 is a perspective view of a folding ironing-board embodying my invention, showing by continuous lines the parts in position ready for use and illustrating by dotted lines some of the parts in the act of being folded to the board, as well as the raised position of the board. Fig. 2 is a rear end view of the board and a portion of the supporting-legs therefor. Fig. 3 is a bottom plan view of the front portion of the board, showing the means for securing it to the front supporting-legs. Fig. 4 is a side view, partly in section, of the front portion of the board and a part of the supporting-legs therefor. Fig. 5 is a view in elevation of the upper portion of the front supporting-legs. Fig. 6 is a detached perspective view of one of the locking or securing braces, and Fig. 7 is a rear end view showing a modification in the manner of securing the legs to the board.

Like numerals of reference refer to corresponding parts throughout the different views of the drawings.

The reference-numeral 10 represents a board or table, which may be of any suitable size, form, and material, but preferably elongated and having one of its ends tapered, as is clearly shown in Figs. 1 and 2 of the drawings. The rear portion of the board 10 is provided on its lower surface with a transverse cleat 11, to each end of which is secured an angular bracket 12, to each of which is pivotally secured at its upper end a supporting-leg 13, which is preferably made of angle-iron. These legs are connected together by means of bars 14, one of which is located near the lower ends of the legs and the other near their upper ends. As a further brace for the legs 13 a bar 15, which extends diagonally from one of the legs 13 to the other, is employed.

Secured transversely on the lower surface of the board 10 near its front end is a piece of angle-iron 16, which has its ends curved inwardly, as at 17, to form a receptacle or pocket for the upper end of the front supporting-legs 18, which are preferably made of one piece of angle-iron bent to form three sides of substantially a rectangular figure, as shown in Fig. 5 of the drawings. The upper or horizontal portion 19 of the front supporting-legs extends transversely across the board 10 and is adapted to fit in the receptacle or pocket formed by the angular piece 16 and its curved ends 17.

Pivotally secured on the lower surface of the board 10 is a securing-lever 20, by turning which one end may be brought into contact with the downwardly-depending portion 21 of the horizontal part of the front legs, thus forcing it into engagement with the piece 16, and thereby firmly securing the board in position. The front legs 18 are braced by means of transverse bars 14 and a diagonally-inclined bar 15, which bars are secured at their ends to the legs 18 in a similar manner to those used on the legs 13 or rear supporting-legs.

Extending longitudinally with the board and in parallelism with one another are con-

nections 22, each of which comprises two pieces 23, the adjacent ends of which are pivotally secured together and the outer ends of which are pivotally secured to the lower portions of the front and rear supporting-legs, as is clearly shown in Fig. 1 of the drawings.

Pivotally secured at its lower end to each of the portions 23 of the connections 22 is a jointed brace 24, the upper end of each of which is pivotally secured to one of the legs 13 near its upper end. Pivotally secured at its lower end to each of the front portions 23 of the connections 22 is a jointed brace 25, the upper end of each of which is pivotally secured to one of the front legs 18 near its upper end. By reference to Fig. 6, which is shown as representing a detached view of one of the jointed braces 24, but which may represent one of the jointed braces 25, as they are of the same construction, it will be observed that said braces are made of two pieces 26 and 27, which are pivotally connected together at their adjacent ends by means of a bolt passing through openings 28 in said pieces. The portion 27 of each of these braces is provided with a recess 29, to receive a laterally-extending projection 30 on the lower end of the portion 26, thus locking the two parts together and preventing downward movement thereof.

From the foregoing and by reference to the drawings it will be seen and clearly understood that by forcing the braces 24 and 25, as well as the connections 22, upwardly at their joints and by disconnecting the legs 18 from the front portion of the board the supporting parts may be folded together and against the board, thus occupying a limited amount of space when the board is not in use. It will be further understood that by pressing the braces 24 and 25, as well as the connections 22, downwardly at their joints the braces will be locked against further downwardly movement by reason of the engagement of the lugs 30 with the recesses 29. By releasing the lever 20 from the horizontal portion 21 of the front supporting-legs it is apparent that the front end of the board 10 may be raised to the position indicated by dotted lines in Fig. 1, so that a skirt or other garment may be placed over the board and ironed without being wrinkled or interfered with by means of the said front supporting-legs.

In Fig. 7 of the drawings I have shown a modification in the manner of securing the rear supporting-legs to the ironing-board, which consists in employing a piece of iron 31, which is secured transversely on the lower portion of the board 10 and has each of its ends formed with a downturned portion 32, to which the legs 13 are pivotally secured at their upper ends. By using this transverse piece of iron it is apparent that the board 10 will be prevented from warping, which is an essential or important feature.

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

1. In a folding ironing-board, the combination with a board, of a pair of supporting-legs pivotally secured to its rear lower portion, an angular piece transversely secured on the lower surface of the front part of the board, a pair of supporting-legs made of one piece of angle-iron having at their upper ends an angular transverse portion to engage said angular piece and to support the board at its front part, a lever fulcrumed on the board near the angular piece to force the transverse portion of the front legs into engagement with the angular piece, and jointed connections uniting said pairs of legs, substantially as described.

2. In a folding ironing-board, the combination with a board, of a pair of supporting-legs pivotally secured to its rear lower portion, a piece secured transversely on the lower surface of the front portion of the board and having its ends inturned to form a receptacle, a pair of supporting-legs having an angular transverse portion at their upper ends to fit in said receptacle, a lever fulcrumed on the board near the receptacle to hold the front legs in engagement therewith, and jointed connections uniting the said pairs of legs, substantially as described.

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