C. W. REHFUSS.

FOLDING IRONING BOARD.

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1,234,569.

Patented July 24, 1917.

Fig. 1.

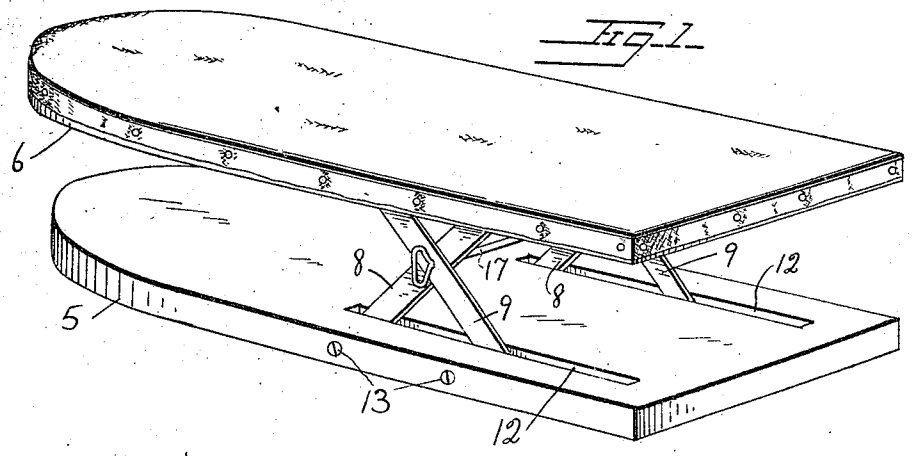


Fig. 2.

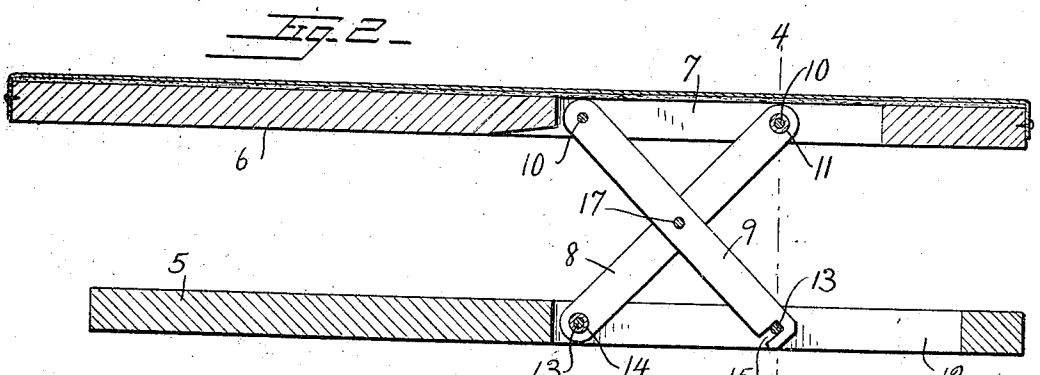
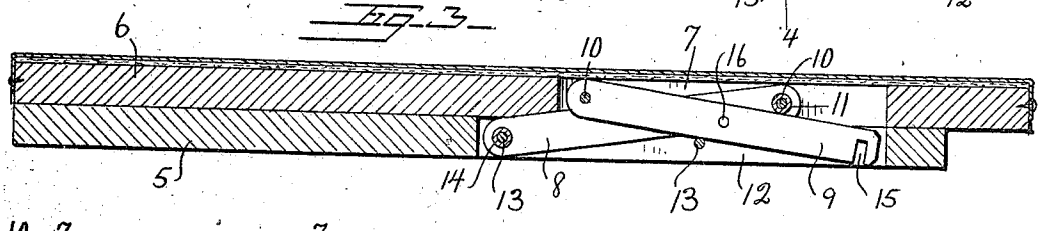


Fig. 3.



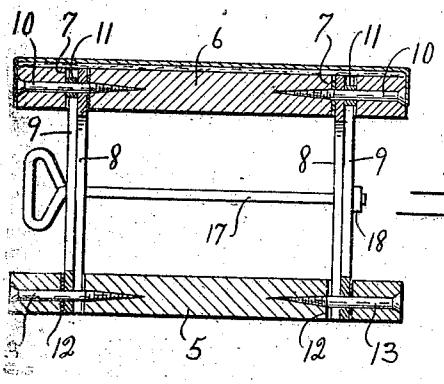


Fig. 4.

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FOLDING IRONING-BOARD.

1,234,569. Specification of Letters Patent. Patented July 24, 1917.

Application filed December 26, 1916. Serial No. 138,873.

To all whom it may concern:

Be it known that I, CLYDE W. REHFUSS, a citizen of the United States, residing at Sparta, in the county of Monroe and State of Wisconsin, have invented certain new and useful Improvements in Folding Ironing-Boards, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to folding ironing boards and has for its primary object to provide a device of this character including the ironing board proper and a base foldable into compact relation with respect to each other, and means connecting the base and the ironing board, whereby the board may be rigidly supported in spaced relation to said base when in use.

It is another object of the invention to provide an improved mounting and arrangement of rigid links between the base and the ironing board, said links being disposed in pairs and the base being provided with slots into which the respective pairs of links are foldable.

It is a further general object of the invention to provide a collapsible or foldable ironing board for domestic use, which may be conveniently carried in a suitcase, the device as a whole being exceedingly simple in its construction, strong and durable, and capable of manufacture at relatively small cost.

With the above and other objects in view, my invention consists in the novel features of construction, combination and arrangement of parts to be hereinafter more fully described, claimed and illustrated in the accompanying drawing, in which,

Figure 1 is a perspective view showing my improved ironing board in position for use;

Fig. 2 is a detail vertical section;

Fig. 3 is a similar view showing the ironing board collapsed or folded; and

Fig. 4 is a section taken on the line 4—4 of Fig. 2.

Referring in detail to the drawing, 5 designates the baseboard which is of requisite thickness, width and length, and 6 designates the ironing board proper which is of the usual shape and slightly longer than the base 6. The upper surface of the ironing board is padded and covered with a suitable material in the ordinary manner.

In spaced relation to each of the longitudinal edges of the ironing board 6, a longitudinally extending slot 7 is cut therein. The upper spaced ends of a pair of links designated 8 and 9 respectively, are engaged in each of these slots. These ends of the link bars are provided with openings to receive the screw bolts 10 which extend transversely across the slots 7 and have their inner ends threaded into the body of the board 6. Collars or washers 11 are arranged upon each of the bolts between the links 8 and 9 and the respective longitudinal edges of the slots 7.

The baseboard 5 is also provided adjacent to each of its longitudinal edges with a longitudinal slot 12, said slot being considerably longer than the slot 7 in the board 6. Spaced, threaded bolts 13 also traverse these slots 12 and are threaded into the board 5. The links 8 and 9 of the respective pairs are disposed in intersecting relation, the lower ends of the links 8 being pivotally mounted upon the corresponding bolts 13 contiguous to the inner ends of the slots 12. Collars 14 are engaged upon these bolts between the links and the outer walls of the slots. The lower ends of the other link bars 9 are notched or recessed, as at 15, for detachable engagement with the other bolts 13 which are located intermediate of the ends of the slots 12. At the point of intersection of the link bars 8 and 9, said bars are provided with openings 16 adapted to coincide to receive a movable locking rod 17, one end of which is threaded for the engagement thereon of a retaining nut 18. This rod extending between and connecting the two pairs of links, holds the same rigidly in their supporting positions and prevents their relative movement or collapse.

In the use of the device, it will be readily understood that when the ironing board 6 is raised in spaced relation to the baseboard 5, and the link bars 9 engage with the rods or bolts 13 and locked against folding movement by means of the rod 17, the garment may be readily arranged over the ironing board and any degree of pressure exerted thereon by the iron without liability of the board folding or collapsing.

After the use of the board, when it is desired to fold the same, the rod 17 is withdrawn and the board 6 forced downwardly upon the baseboard 5, after the links 9 have been disengaged from the rod 13. The links 8 and 9 will move with respect to each other into the slots 12 in the baseboard 5. When thus disposed, the ironing board 6 is in close

contact upon the upper surface of the baseboard 5. The device in its collapsed or folded condition may thus be compactly arranged in a suitcase, or stored away for future use in a relatively small space.

From the foregoing description, taken in connection with the accompanying drawing, it will be seen that I have devised a very simply constructed, convenient and serviceable ironing board which is particularly designed for individual household use, though it will, of course, be manifest that the device may be constructed in various sizes and can be advantageously employed by tailors. The baseboard 5, as well as the ironing board 6, may be made in various other shapes than that illustrated in the drawing. It is also to be understood that while I have herein shown and described the preferred construction and arrangement of the several elements employed, the same are susceptible of considerable modification and I, therefore, reserve the privilege of adopting all such legitimate changes as may be fairly embodied within the spirit and scope of the invention as claimed.

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

1. A device of the character described including a baseboard having spaced longitudinal slots therein, an ironing board, and spaced pairs of link bars to support the ironing board in spaced relation to the baseboard, said link bars being foldable into said slots when the ironing board is collapsed upon and in contact with the baseboard.

2. A device of the character described including a baseboard having spaced, longitudinal slots therein, an ironing board, spaced pairs of link bars permanently pivoted at one of their ends to the ironing board to support the same in spaced relation to the baseboard, one of the link bars in each pair being also pivotally mounted permanently within one end of the respective slots in the baseboard, means fixed in the baseboard at the center of each of the slots therein to which the free ends of the other link bars are adapted to be detachably connected, said link bars being foldable into the slots in the baseboard when the ironing board is folded into contact upon said baseboard, said last named means supporting the latter link bars within the slots in the baseboard.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

CLYDE W. REHFUSS.

Witnesses:
L. R. MOORE,
L. L. MERRILL.