Sept. 25, 1951 J. F. ROESEL 2,568,970

COMBINED IRONING BOARD AND IRONING BOARD SUPPORTING MEANS

Filed Aug. 3, 1948

Fig. 1.

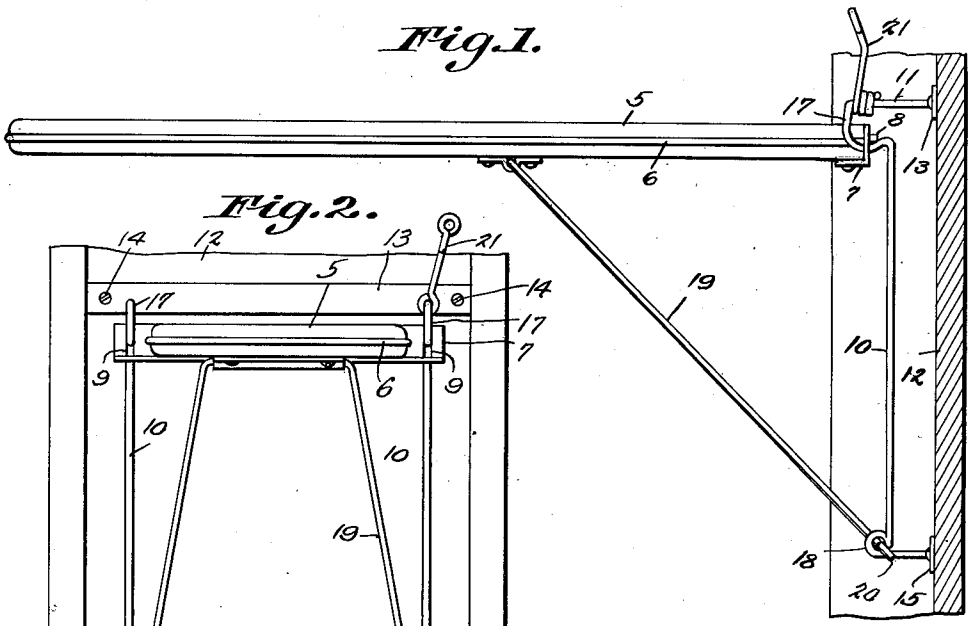


Fig. 2.

Fig. 3.

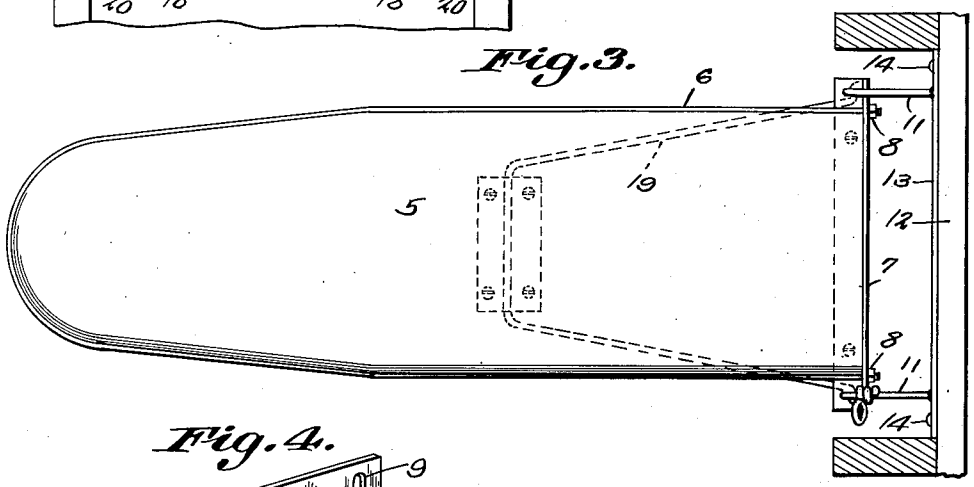
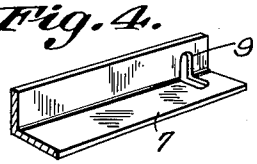


Fig. 4.



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COMBINED IRONING BOARD AND IRONING BOARD SUPPORTING MEANS

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Application August 3, 1948, Serial No. 42,240

5 Claims. (Cl. 38—126)

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This invention relates to ironing board construction, and aims to provide an ironing board which may be folded into a small compartment formed in a wall, or secured to a supporting surface, the ironing board being free of the usual pivoted supporting legs commonly used in ironing board construction.

An important object of the invention is to provide an ironing board which will be exceptionally strong and durable, and one which will embody but few parts, novel means being provided for securing the ironing board in its extended or collapsed condition.

With the foregoing and other objects in view which will appear as the description proceeds, the invention consists of certain novel details of construction and combinations of parts, hereinafter more fully described and pointed out in the claims, it being understood that changes may be made in the construction and arrangement of parts without departing from the spirit of the invention as claimed.

Referring to the drawing:

Figure 1 is a side elevational view of an ironing board constructed in accordance with the invention, illustrating the ironing board as in its extended position.

Fig. 2 is a front elevational view thereof.

Fig. 3 is a plan view of the ironing board extended.

Fig. 4 is a perspective view of one end of the angle bar used in connecting the ironing board to its supporting rods.

Referring to the drawing in detail, the reference character 5 indicates the ironing board which is provided with a reinforcing wire 6 which extends around the marginal edge of the ironing board, as clearly shown by Fig. 1 of the drawing.

The ends of the reinforcing wire 6 extend through openings formed in the angle bar 7 that is fitted against the inner end of the ironing board, the ends of the reinforcing wire being secured to the angle bar, by means of the nuts 8 which are positioned on the threaded ends of the reinforcing wire.

As clearly shown by Fig. 3 of the drawing, the angle bar 7 has its ends extended appreciable distances beyond the edges of the ironing board, where the angle bar is provided with elongated openings 9 that are transversely disposed with respect to the angle bar, at the center thereof. These elongated openings 9 accommodate the supporting rods 10 which have their upper ends 11 secured to the supporting surface 12, as by means of the plate 13 connected to the supporting rods, the plate 13 being secured to the supporting surface by the screws 14.

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The lower ends of the supporting rods 10 are connected with the plate 15 which is formed with openings adjacent to its ends for the reception of the screws 16 by means of which the lower ends of the supporting rods are held to the supporting surface.

As shown by Fig. 1 of the drawing, the upper ends 11 of the supporting rods 10 are formed with downwardly and upwardly extended end portions 17 that are accommodated in the elongated openings 9.

At the lower ends of the supporting rods 10, are eyes 18, the eyes 18 being in a direct vertical line with the downwardly and upwardly extended portions 17.

A U-shaped brace member 19 is pivotally connected with the under surface of the ironing board, and has right angled ends 20 that extend into the eyes 18 when the ironing board is in its extended position supporting the ironing board.

Mounted on the upper end of one of the supporting rods is the pivoted latch 21 which is adapted to swing downwardly into contact with the ironing board to hold the ironing board in its collapsed position out of use.

From the foregoing it will be seen that due to the construction shown and described, when the ironing board is moved from its extended position as shown by Fig. 1 of the drawing, to the folded condition, the ironing board is forced rearwardly and then swung to a vertical position whereupon the inner end of the ironing board may be slid downwardly on the rods 10 assuming a vertical or closed position.

When it is desired to move the ironing board to its active or supporting position, it is only necessary to pull the ironing board 5 outwardly to the position as shown by Fig. 1, whereupon the brace rods are positioned in the eyes 18 the right angled ends 20 holding the brace rods against accidental displacement.

While I have shown and described the structure as designed primarily for use in connection with ironing boards, it is to be understood that the mechanism may be effectively used in supporting any type of table where it is desirable to mount the table in such a way that it may be readily swung into and out of its operative position.

Having thus described the invention, what is claimed is:

1. In an ironing board for securing to a supporting surface, a board section, an angle plate

secured over the edge of the board section at one end of the board, the ends of the plate extending beyond the side edges of the board section, said angle plate having openings in the extended ends thereof, supporting rods secured to the supporting surface, offset portions formed at the upper ends of the supporting rods, said offset portions of the rods being disposed within said openings of the angle plate providing a hinge for the ironing board section, and brace rods connected with the ironing board section.

2. In an ironing board for securing to a supporting surface, a board section, an angle plate fitted over the edge of the board section at one end thereof, the ends of the angle plate extending beyond the side edges of the ironing board and having elongated openings in the extended ends thereof, vertical supporting rods, the ends of said rods being extended at right angles and secured to the supporting surface, forwardly extended offset portions formed at the upper ends of the vertical supporting rods, disposed within the elongated openings of the angle plate providing hinges supporting one end of the ironing board against vertical movement, and brace rods connected with the ironing board section bracing the ironing board section at a point intermediate the ends thereof.

3. In an ironing board for securing to a supporting surface, a board section, a plate secured at one end of the board section, with its ends extending beyond the side edges of the board, the ends of said plate having elongated openings formed with upwardly extended portions and horizontal portions, supporting rods secured to a supporting surface, said rods being vertically disposed and having offset portions formed at the upper ends thereof fitted within the openings of the plate, securing the ironing board section to the rods, and inclined brace rods connected with the ironing board section and rods, normally bracing the intermediate portion of the ironing board section.

4. In an ironing board for securing to a supporting surface, a board section, a plate secured to one end of the board section, the ends of the plate extending beyond the side edges of the board, the ends of said plate having elongated L-shaped openings formed therein, vertical supporting rods, means for securing the vertical supporting rods to a supporting surface with the major portion of the rods in spaced relation with the supporting surface, downwardly and forwardly extended offset portions formed on the upper ends of the rods fitted within the L-shaped openings of the plate, normally securing one end of the ironing board section in a horizontal position, and brace rods connected with the ironing board supporting the central portion of the ironing board.

5. In an ironing board for securing to a supporting surface, a board section, an angle plate secured over the rear end of the ironing board section, the ends of the angle plate extending beyond the side edges of the ironing board section, said plate having L-shaped openings formed in the ends thereof, vertical supporting rods secured to the supporting surface and disposed in spaced relation with the supporting surface, said rods having forwardly and downwardly extended offset portions fitted within the L-shaped openings supporting the rear ends of the ironing board section against horizontal movement, angularly disposed brace rods pivotally connected to the irong board section, and said supporting rods having eyes disposed at the lower ends thereof through which the brace rods extend, bracing the intermediate portion of the ironing board section.

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