

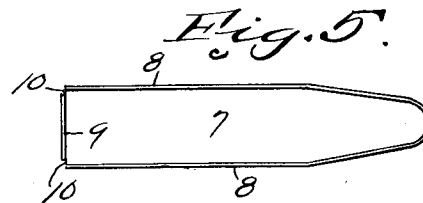
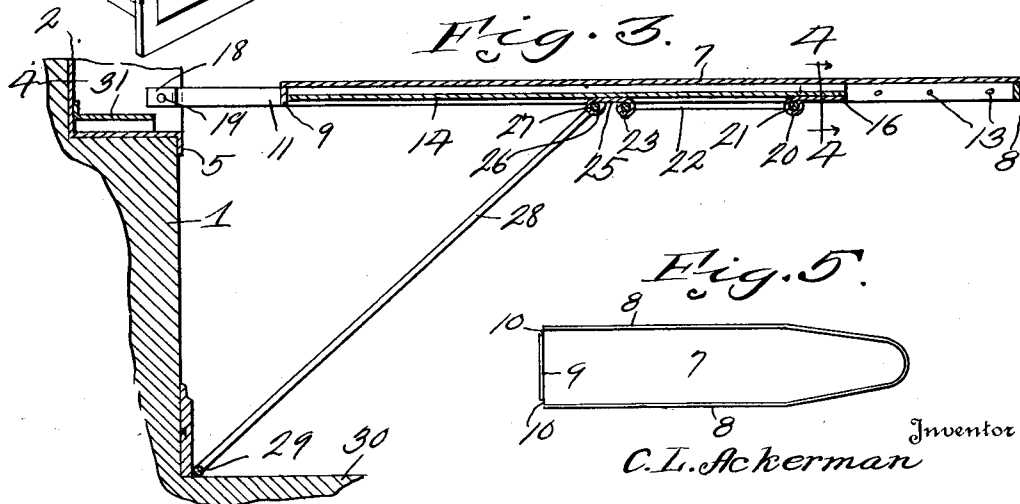
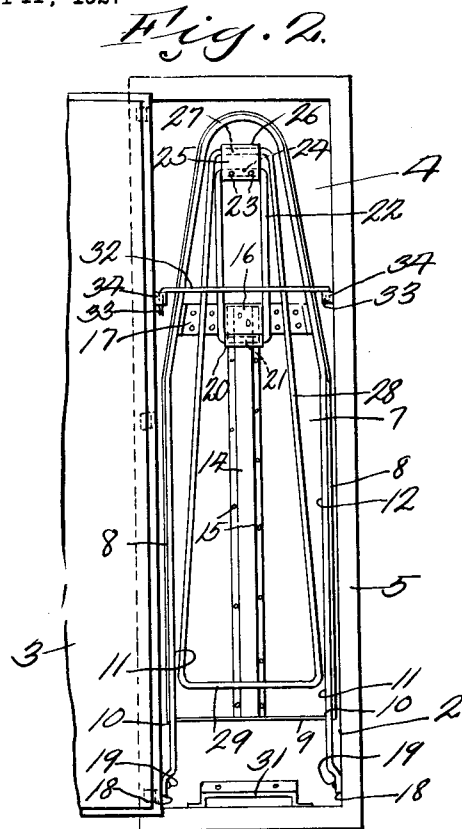
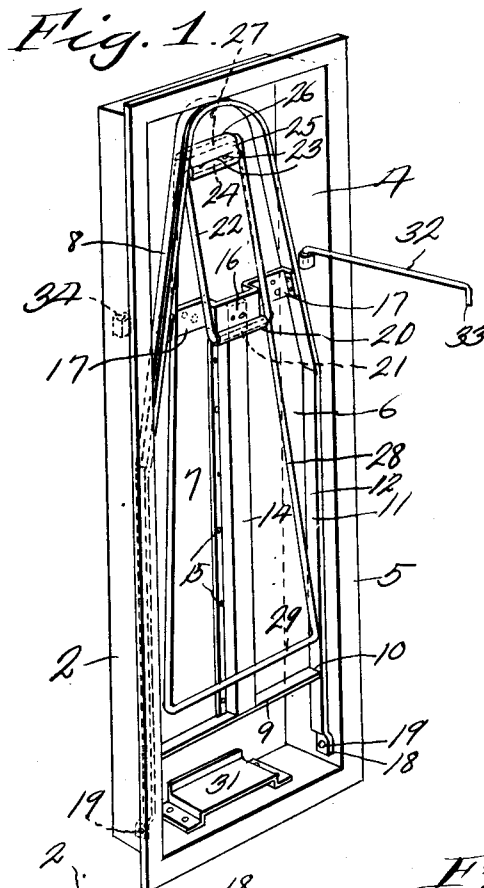
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IRONING BOARD

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IRONING BOARD.

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The invention relates to ironing boards, of the cabinet type, and has for its object to provide a device of this character comprising a cabinet, in the bottom of which the board is pivotally mounted, and which board may be hingedly moved in the cabinet. Also to provide a supporting leg for said board, which supporting leg has a link connection with the under side of the board whereby said leg may be folded into engagement with the under side of the board and at the same time be of sufficient length for engaging a support, for instance as the wall and floor for supporting the board in a horizontal plane. The link connection also forms means whereby the engaging point of the leg with the under side of the board is a substantial distance from the outer end of the board, thereby allowing articles, for instance skirts to be placed around the board for ironing purposes.

A further object is to form the board from sheet metal having downwardly extending marginal flanges and a U-shaped frame, the arms of which are secured to the inner sides of the flanges and terminate beyond the inner end of the board and are pivotally mounted at opposite sides of the cabinet, thereby allowing an electric iron or other article to be stored within the cabinet between the arms and below the inner end of the ironing board.

A further object is to provide the under side of the board with a longitudinally disposed channeled brace member and a transverse brace member having an offset portion, one side of which offset portion is provided with a roll in which one end of the leg link is hingedly mounted. The longitudinal channeled member also forms a seat against which the inner end of the supporting leg engages when the ironing board is extended.

A further object is to form the leg link narrower than the adjacent end of the supporting leg, whereby when the leg is folded into engagement with the under side of the board, said link will pass through said leg, thereby allowing the leg to assume a position relatively close to the under side of the board.

A further object is to provide the outer end of the link with a rigid member substantially in the plane of the link and to which is pivotally connected the leg, preferably in a roll of the rigid member.

With the above and other objects in view the invention resides in the combination and arrangement of parts as hereinafter set forth, shown in the drawing, described and claimed, it being understood that changes in the precise embodiment of the invention may be made within the scope of what is claimed without departing from the spirit of the invention.

In the drawing:—

Figure 1 is a perspective view of the cabinet, showing the ironing board therein.

Figure 2 is a front elevation of the ironing board and cabinet, showing the door open.

Figure 3 is a vertical longitudinal sectional view through the ironing board in extended position, a portion of the cabinet and a portion of a wall.

Figure 4 is a vertical transverse sectional view through the board taken on line 4—4 of Figure 3.

Figure 5 is a bottom plan view of the ironing board with the U-shaped frame removed.

Referring to the drawing the numeral 1 designates the wall of a building, and in which wall is imbedded in any suitable manner the body 2 of the cabinet. The body 2 of the cabinet is preferably formed from sheet metal and is provided with a hinged closure 3, which when closed will exclude dust and dirt from the chamber 4 of the cabinet, therefore it will be seen that the ironing board will be maintained clean at all times when housed in the cabinet. The body of the cabinet is preferably provided with a marginal flange 5 which engages the outer face of the wall, and not only braces the metallic body but also forms a finish for the device.

Disposed within the chamber 4 of the body of the cabinet is an ironing board 6, which ironing board is preferably formed from sheet metal as shown and comprises a body 7 having a downwardly extending marginal flange 8 at opposite sides and extending around the outer end thereof, and a downwardly extending flange 9, the ends of which terminate spaced from the adjacent ends of the flange 8 thereby forming spaces 10, through which spaces the arms 11 of the U-shaped frame 12 of the ironing board extends, and which frame is preferably secured to the marginal flange 8 by spot welding, for

instance at 13, thereby obviating the use of rivets or other securing means which may hang or tear articles that are being ironed. The U-shaped frame 12 is formed from a single piece of metal bent to form and rigidly braces the opposite sides of the ironing board, however the ironing board is longitudinally braced by means of the channeled member 14 secured to the under side thereof, and which channeled member is preferably spot welded to the ironing board at 15. Extending transversely of the underside of the ironing board 7 is a U-shaped brace 16, which brace arches in close engagement the channeled member 14 and is provided with right angularly shaped flanges 17, which flanges 17 are secured to the under side of the ironing board 17 and to the inner sides of the arms 11 of the U-shaped frame 12, therefore it will be seen that the board is longitudinally braced as well as transversely, thereby forming a rigid structure. In securing the parts together spot welding is preferably used, however applicant does not limit himself to this specific securing means. The ends of the arms 11 are provided with offset portions 18 which are pivotally connected at 19 to opposite sides of the cabinet body 2, therefore it will be seen that the ironing board as a whole may be pivotally moved to a position within the chamber 4 or to an extended position as shown in Figure 3 when it is desired to use the board.

The rear edge of the U-shaped member 16 is provided with a roll 20 through which the transverse portion 21 of the rectangular shaped link 22 extends. The link 22 has secured by means of spot welding at 23 on the transverse portion 24 thereof a plate 25, which plate at its outer end terminates in a roll 26 in which is rotatably mounted the transverse portion 27 of the supporting leg 28. The supporting leg 28 is preferably formed from rod material and has its opposite sides in diverging relation whereby its connecting portion 27 is relatively wide, consequently a wide bearing surface is provided when the leg is in extended position as shown in Figure 3, with its portion 29 in engagement with the adjacent portions of the wall 1 and the floor 30. The link 22 is relatively long and is narrower than the side members of the supporting leg 28, therefore it will be seen that when the link is folded to the positions shown in Figures 1 and 2, it will pass through the supporting leg 28, thereby allowing the supporting leg to assume a position relatively close to the under side of the ironing board. It will also be noted that the link 22 is sufficiently wide whereby the U-shaped portion 16 will be received between the opposite sides thereof, consequently will not interfere with the movement of the leg to folded position. By providing the link 20 it is obvious that a relatively short supporting leg 28 is obtained

and at the same time when the link is folded into engagement with the under side of the channel brace 14 as shown in Figure 3, the pivoted end of the leg is disposed a substantial distance from the outer end of the ironing board where it will not interfere with ironing articles of clothing, which necessarily have to receive the ironing board therein, for instance skirts. At the same time, the link 20 by being relatively long allows the use of a relatively short supporting leg 28 and the folding of said leg to a position within the lines of the ironing board and above the bottom of the body 1 of the cabinet where it will not interfere with the placing of an iron on the iron rest 31 in the bottom of the cabinet between the arms 11 of the U-shaped frame 12 and which arms project beyond the inner end of the ironing board 7. The ironing board as a whole is held in position within the cabinet by means of a transversely disposed rod 32, the ends of which are provided with right angularly disposed arms 33, which arms are received in eyes 34 carried by opposite sides of the cabinet body 2. One of the arms 33 is preferably longer than the other, thereby allowing the other arm to be removed from the eye and the rod to be swung outwardly to the position shown in Figure 1 without entirely removing the rod. When so desired articles of clothing may be hung on the rod 33 after being ironed.

From the above it will be seen that a cabinet ironing board is provided which is simple in construction, positively braced and one formed from sheet metal. It will also be seen that the supporting leg and its link connection may be folded to positions relatively close to the underside of the board, and within the lines of the board thereby allowing the cabinet to be made relatively short, and the supporting leg to be positioned above the lower end of the ironing board where it will not interfere with the storage of an iron in the lower end of the cabinet between the frame arms 11.

The invention having been set forth what is claimed as new and useful is:—

1. In a device of the kind described, a vertically disposed cabinet, an ironing board, one end of said board being hingedly mounted on the cabinet, a transversely disposed brace carried by said ironing board, a transversely disposed roll carried by said brace, a rectangular shaped link hingedly mounted at one end in said roll, and an approximately rectangularly shaped support hingedly connected to the other end of the rectangularly shaped link.

2. An ironing table comprising a board having a downwardly extending marginal flange and openings therethrough adjacent its end, a support, a U-shaped frame secured to the inner side of the marginal flange, the arms of the U-shaped frame extending

through the openings in the downwardly extending flange and connected to the support, a transversely disposed brace carried by the under side of the board and connecting the
5 marginal flange, a longitudinally disposed brace carried by the board and extending rearwardly from the transversely disposed brace, a link connected to the transversely disposed brace and a supporting leg connected to said link. 10

In testimony whereof I hereunto affix my signature.

CHARLES L. ACKERMAN.