Aug. 1, 1950 G. H. SUMMERS 2,517,256

IRONING BOARD AND CABINET

Filed March 5, 1946

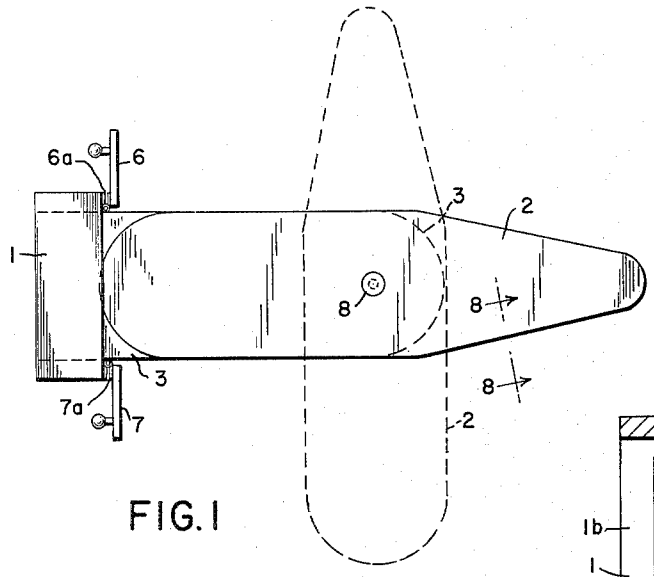


FIG. 1

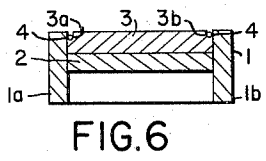


FIG. 6

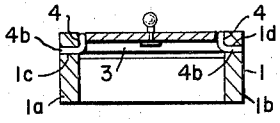


FIG. 5

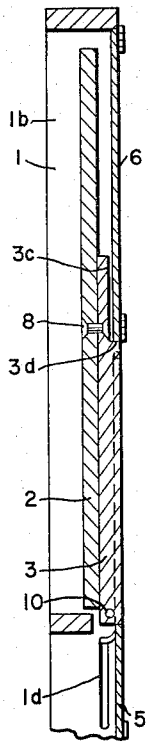


FIG. 4

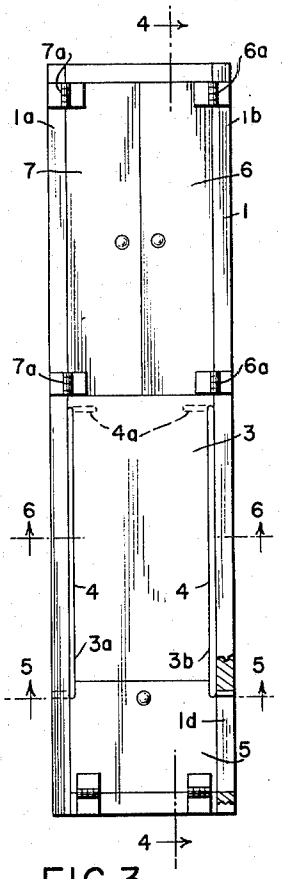


FIG. 3

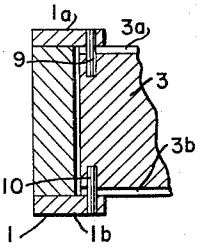


FIG. 7

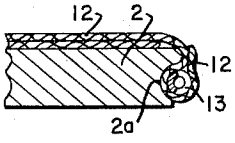


FIG. 8

FIG. 2

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IRONING BOARD AND CABINET

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5 Claims. (Cl. 38—128)

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My invention relates to an ironing board and cabinet, more particularly for domestic use in ironing clothes or the like, and the objects of my invention are:

First, to provide an ironing board of this class having a support on which it is pivotly mounted and freely movable substantially 360° about its pivotal mount, for versatile use in the various clothes ironing operations:

Second, to provide an ironing board of this class having retractable supporting braces which are flush with the front of the cabinet when closed, providing a very simple and neat arrangement of the retractable supports when the ironing board is stored in the cabinet;

Third, to provide an ironing board of this class which is pivotly mounted intermediate its ends at a substantial distance from the front of the cabinet providing ample working space on opposite sides of the ironing board when the axis of the ironing board is disposed substantially parallel to the front of the cabinet;

Fourth, to provide an ironing board and cabinet of this class in which the ironing board supporting member and the supporting braces form part of the cabinet front in flush relation with the doors thereof;

Fifth, to provide an ironing board of this class which is particularly adapted for use by either right or left handed persons;

Sixth, to provide an ironing board of this class which when at right angles to the axis of its support provides supporting space intermediate said ironing board and the cabinet for clothes being ironed; and

Seventh, to provide an ironing board and cabinet of this class which is very simple and economical in construction, efficient in operation and which will not readily deteriorate or get out of order.

With these and other objects in view as will appear hereinafter my invention consists of certain novel features of construction, combination and arrangement of parts and portions as will be hereinafter described in detail and particularly set forth in the appended claims, reference being had to the accompanying drawings and to the characters of reference thereon forming a part of this application in which:

Figure 1 is a top or plan view of my ironing board and cabinet showing the ironing board thereof in position ready for use and showing by dash lines varying positions thereof; Figure 2 is a side elevational view of my ironing board and cabinet as shown in Figure 1 of the drawings showing parts and portions broken away and in section to amplify the illustration; Figure 3 is a front elevational view of my ironing board and cabinet shown in closed position and illustrating portions broken away and in section to

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amplify the illustration; Figure 4 is a fragmentary longitudinal sectional view taken from the line 4—4 of Figure 3; Figure 5 is a transverse sectional view taken from the line 5—5 of Figure 3; Figure 6 is a transverse sectional view taken from the line 6—6 of Figure 3; Figure 7 is a fragmentary bottom sectional view taken from the line 7—7 of Figure 2; and Figure 8 is an enlarged sectional view taken from line 8—8 of Figure 1, showing the cover connection means of my ironing board.

Similar characters of reference refer to similar parts and portions throughout the several views of the drawing:

The cabinet 1, ironing board 2, ironing board support 3, braces 4, doors 5, 6, and 7 and the pins 8, 9, and 10 constitute the principal parts and portions of my ironing board and cabinet.

The cabinet 1 is a box like structure having doors 6 and 7 pivotally connected therewith by means of hinges 6a and 7a, as shown in Figures 1 and 3 of the drawings. It will be noted that these doors 6 and 7 extend substantially less than half the distance from the upper to the lower end of the cabinet 1 at the front thereof. The ironing board support 3 is pivotally mounted on pins 9 and 10 in opposite sides 1a and 1b of the cabinet 1 as shown best in Figure 7 of the drawing. This ironing board support 3 when pivoted into the closed position as shown in Figure 4 is substantially flush with the front of the cabinet 1. As shown in Figure 6 of the drawings opposite edges of the ironing board support 3 include recess portions 3a and 3b in which the braces 4 are positioned when the ironing board support is in closed position in flush position with the front of the cabinet 1. The braces 4 at their end portions 4a are extended into the ironing board support 3 forming supporting bearings therewith. Opposite ends 4b of the supports 4 are slidably mounted in slotted portions 1c and 1d of the side members 1a and 1b respectively of the cabinet 1 as shown best in Figures 2 and 5 of the drawings. It will be noted that the movable end portion 3c of the ironing board support 3 is provided with a step 3d which accommodates the doors 6 and 7 positioned therein when the cabinet 1 is in the closed position, as shown in Figures 3 and 4 of the drawings. It will be noted that the ironing board 2 is pivotally mounted in connection with the ironing board support 3 substantially half-way intermediate the opposite ends permitting the ironing board 2 to be pivoted substantially 360° above the axis of the pin 8. The door 5, as shown in Figures 2 and 3 of the drawings, encloses the lower portion of the cabinet 1 below the ironing board support 3 when in closed position.

The operation of my ironing board and cabinet is substantially as follows:

When the ironing board 2 is shown in position ready for use it may be pivoted 360° upon the pin 8 having the pointed end in either direction as desired for right or left-handed persons. The ironing board support 3 intermediate the cabinet 1 and the ironing board 2, as shown by dash lines in Figure 1 of the drawing, provides a support for clothes being ironed while portions thereof are manipulated on the ironing board 2. When the ironing board 2 together with the ironing support 3 are pulled out of the cabinet 1 and into the solid line position, as shown in Figures 1 and 2 of the drawings, the door 5 is opened and the doors 6 and 7 are opened to the position, as shown in Figure 1 of the drawings. When retracted the ironing board 2 and the ironing board support 3 assumes a position, as shown in Figure 4 of the drawing and the braces 4 are retracted upwardly in the slotted portions 1c and 1d of the side walls 1a and 1b of the cabinet 1, and are positioned in flush relation with the front of the cabinet 1 in the recess portions 3a and 3b. The cover 12 is held in the groove 2a at the edge of the ironing board 2 by the surrounding spring 13.

Though I have shown and described a particular construction, combination and arrangements of parts and portions, I do not wish to be limited to the particular construction, combination and arrangement, but desire to include in the scope of my invention, the construction, combination and arrangement substantially as set forth in the appended claims.

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

1. In an ironing board and cabinet of the class described, the combination of a cabinet, an ironing board support pivotally connected therewith, and an ironing board pivotally connected with the ironing board support and movable substantially 360° about its pivotal connection with said ironing board support, said cabinet provided with longitudinally slotted portions in its side walls below the pivotal connection of said ironing board support therewith, and braces having one end shiftably mounted in said slotted portions and their opposite ends pivotally connected with said ironing board support in spaced relation to the pivotal mounting thereof the distance from the pivotal axis of said ironing board to its ends being less than the distance from the said pivotal axis to said cabinet.

2. In an ironing board and cabinet of the class described, the combination of a cabinet, an ironing board support pivotally connected therewith, and an ironing board pivotally connected with the ironing board support and movable substantially 360° about its pivotal connection with said ironing board support, said cabinet provided with longitudinally slotted portions in its side walls below the pivotal connection of said ironing board support therewith, and braces having one end shiftably mounted in said slotted portions and their opposite ends pivotally connected with said ironing board support in spaced relation to the pivotal mounting thereof the distance from the pivotal axis of said ironing board to its ends being less than the distance from the said pivotal axis to said cabinet, said braces adjacent the sides of said cabinet, said ironing board support provided with recess portions in which said braces are adapted to fit in flush relation with the front of said cabinet when said ironing board and ironing board support are retracted therein.

3. In an ironing board or cabinet of the class described, the combination of an ironing board support pivotally connected at its inner end to said cabinet, an ironing board pivotally connected with said ironing board support substantially at the middle portion of said board and retractable into said cabinet, the front of said ironing board support substantially flush with the front of said cabinet and having a step portion in its upper end, doors pivotally connected with the front of said cabinet and adapted to rest in the step portion of said ironing board support for covering the upper end of said ironing board when in the retracted position.

4. In an ironing board or cabinet of the class described, the combination of an ironing board support pivotally connected at its inner end to said cabinet, an ironing board pivotally connected with said ironing board support substantially at the middle portion of said board and retractable into said cabinet, the front of said ironing board support substantially flush with the front of said cabinet and having a step portion in its upper end, doors pivotally connected with the front of said cabinet and adapted to rest in the step portion of said ironing board support for covering the upper end of said ironing board when in the retracted position, a door pivotally connected with the front of said cabinet at its lower end adapted to close the lower end of said cabinet below said ironing board support, opposite sides of said cabinet provided with longitudinal slotted portions near the lower end thereof, and a pair of braces adjacent said opposite sides said cabinet having ends movably mounted in said slotted portions, the opposite end of said braces pivotally connected to said ironing board support, said ironing board support having longitudinal recesses at opposite edges adapted to receive said braces in flush relation with the front of the cabinet when in retracted position.

5. In an ironing board and cabinet of the class described, the combination of a cabinet, an ironing board support pivotally connected therewith and movable into substantially horizontal position relatively to said cabinet, and an ironing board pivotally connected with the ironing board support and movable substantially 360 degrees about its pivotal connection with said ironing board support, the distance from the pivotal axis of said ironing board to its ends being less than the distance from said pivotal axis to said cabinet.

GERARD H. SUMMERS.

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