G. W. KETCH & F. J. BERGER.

CABINET COMBINATION IRONING BOARD AND BREAKFAST TABLE.

APPLICATION FILED APR. 20, 1915.

1,273,232. Patented July 23, 1918.

Fig. 1.

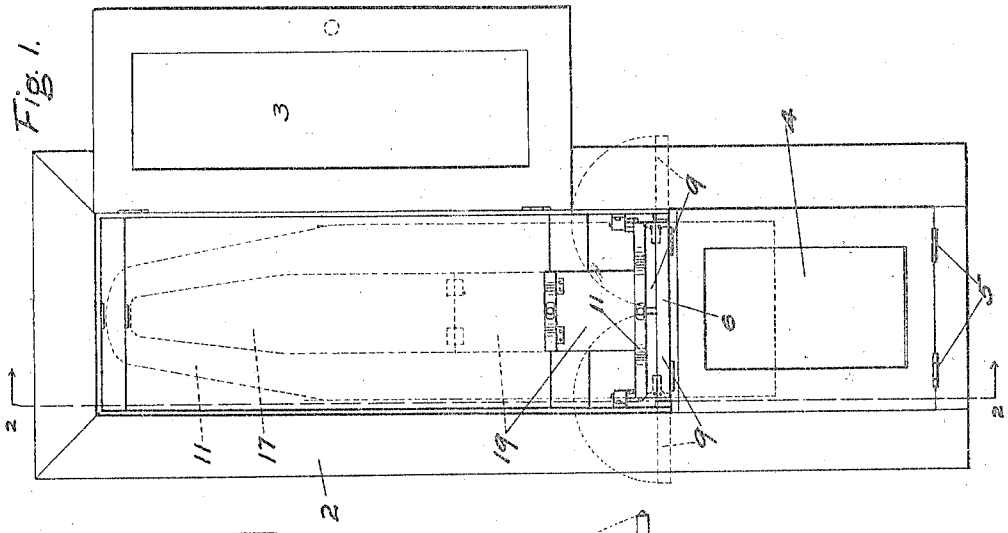


Fig. 4.

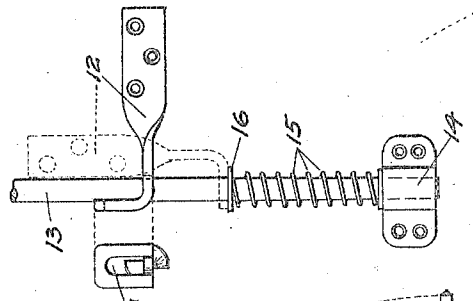


Fig. 3.

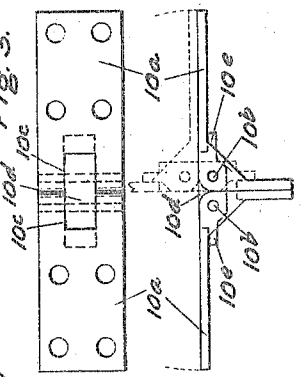


Fig. 6.



Fig. 5.

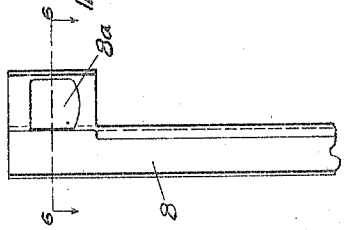


Fig. 2.

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UNITED STATES PATENT OFFICE.

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CABINET COMBINATION IRONING-BOARD AND BREAKFAST-TABLE.

1,273,232. Specification of Letters Patent. Patented July 23, 1918.

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To all whom it may concern:

Be it known that we, GEORGE W. KETCH and FREDERICK J. BERGER, citizens of the United States, residing in the city of Portland, county of Multnomah, and State of Oregon, have invented certain new and useful Improvements in Cabinet Combination Ironing-Boards and Breakfast-Tables, of which the following is a specification.

Our invention relates to a combination ironing board and breakfast table, preferably built in cabinet form, and adapted to be complete in itself, so as to be installed in the wall of a house, between the studding thereof, with very little reconstruction of the same, and at the same time give a neat and finished appearance.

Among the salient objects of our invention are,—to provide in a device of the character referred to, a foldable breakfast table adapted to be folded flatwise in an upright or vertical position; to provide in combination therewith an ironing board adapted to be adjusted from a vertical position to a horizontal position and supported by said breakfast table when the latter is extended, and to provide certain details in connection with said table and ironing board, whereby to make them conveniently adjustable from their operating positions to their folded, out-of-the-way positions.

In order that others may understand our invention, we have shown in the accompanying sheet of drawings one practical embodiment thereof, which we will now describe.

Figure 1 is a front view of a cabinet embodying our invention, showing the breakfast table and ironing board down in the positions occupied when the ironing board is to be used, and showing in dotted line positions the folded position of the ironing board and the full open position of the breakfast table;

Fig. 2 is a vertical sectional view taken on the line 2—2 of Fig. 1;

Fig. 3 shows top plan and side views of a special hinge for the table top;

Fig. 4 shows a detail view of a special adjustable hinge connection for the attached end of the ironing board;

Fig. 5 is a partial flat view of one of the guide members for the attached end of the breakfast table; and

Fig. 6 is a cross-sectional view thereof, taken on lines 6—6 of Fig. 5.

Referring now more in detail to the drawings, we provide a relatively shallow cabinet body 1, having the face frame 2, and provided in its upper part with a hinged door 3, and at its lower part with a door 4, hinged at its lower end, as at 5, and adapted to be pulled out at its top, as indicated in Fig. 2. Hinged to the upper end of said door near its middle, as at 4^a, is a table top 6, provided at its rear end, at the opposite sides thereof, with guide pins 7, adapted to slide in guide members, as 8, one of which is mounted at each of the opposite sides of the cabinet body, as clearly indicated in the drawings, said guide members 8, being provided at their upper ends with forwardly projecting portions, so as to permit the board 6, to move outwardly a short distance, after its guide and supporting pins 7, have moved upwardly in the guide members 8, to the upper ends thereof, whereby to support the rear end of the table top 6, in the extension recesses 8^a, of said guide members 8. Hingedly mounted to the opposite sides of the table top 6, are two side leaves 9—9, which are adapted to be folded over on top of the table top 6, in the manner indicated in Figs. 1 and 2, or to be opened out flat, as indicated in dotted lines, Fig. 1, when it is desired to use said table 6, for table purposes.

In order to provide smooth flush joints between the table top 6, and the leaves 9—9, when the latter are opened out flat, we have provided a special hinge 10, shown in Fig. 3, which not only supports with a bracing support the leaves 9—9, but leaves the top perfectly smooth with no hinge projections above the surface of the table top. This hinge comprises two angular members 10^a—10^a, having hinge pins 10^b—10^b, through their angles, and having an aperture cut out of their middle portions at their angles, as at 10^c—10^c. A connecting link 10^d, fits in said aperture 10^c, flush with the top surface of said angular members 10^a—10^a, and at its opposite ends is provided with lip portions 10^e—10^e, underlying the members 10^a—10^a, at the opposite ends of the apertures 10^c—10^c. Said link member 10^d, is also provided with spaced apertures to receive the pins 10^b—10^b. Thus it will be noticed that as the hinge members open out flat, as in the positions shown in Fig. 3, in full lines, the entire upper surface thereof is smooth and flush, and when one of the angle members 10^a is folded over on top of the other angular member, as indicated in dotted lines

in the lower side view of Fig. 3, said members fold together in a flat relationship, as clearly indicated, thus allowing the table top leaves 9—9, to be folded flatwise upon the table top 6, as clearly indicated in Figs. 1 and 2.

An ironing board 11 is adapted to rest flatwise upon the table top and the leaves 9—9, in their folded positions, when the table top 6, is extended, as clearly indicated in Figs. 1 and 2. Said ironing board is provided at its rear end, at opposite sides thereof, with angular hinge members 12—12, provided with apertures 12^a in their angles, through which are supporting guide rods, as 13, supported at their upper and lower ends by means of bearing brackets 14—14, secured to the opposite sides of the cabinet body, and each being provided at its lower end with a coiled spring 15, with a supporting collar 16, slidably mounted upon said rod 13, whereby as said ironing board 11, is raised upwardly into a vertical position it slides downwardly on said rods 13—13, until the hinge members 12—12, rest upon said supporting collar 16 and said coiled spring 15, thus yieldingly supporting said ironing board in a vertical position with its upper end detachably held in place in the upper end of the cabinet, as clearly indicated in Figs. 1 and 2. A sleeve board 17, is hingedly mounted at its rear end to a block 18, secured to the back of the cabinet 1, said sleeve board being provided with a drop leaf 19, hinged thereto and adapted, when said sleeve board is let down to a horizontal position, to stand upon the ironing board 11, so as to support the sleeve board 17. Said sleeve board is also provided in its outer end with any suitable spring catch, adapted to hold it in upright position against the back of the cabinet, as shown in dotted lines Figs. 1 and 2.

Thus it will be seen that the table top 6, can be drawn outwardly, and its leaves 9—9, opened out for use without moving the ironing board from its folded position, said table being supported by the cabinet door 4, which is hinged to the under side thereof, as clearly indicated in Fig. 2.

We do not limit ourselves to the details as here shown and described, except as we may be limited by the hereto appended claim knowing that many changes can be made without departing from the spirit of our invention.

We claim:

In a device of the character described, in combination, a cabinet casing, guide rods mounted within said casing, an ironing board provided with angular hinge members slidably connected with said guide rods, whereby said ironing board can be raised from a horizontal to a vertical position, and means for supporting said ironing board in a horizontal position.

Signed at Portland, Multnomah county, Oregon, this 10th day of April, 1915.

GEORGE W. KETCH.
FREDERICK J. BERGER.

In presence of—
I. M. GRIFFIN,
J. HOMER CLARK.