Aug. 26, 1941. W. N. JAMES 2,254,071

CABINET FOR IRONING BOARDS AND BREAKFAST TABLES

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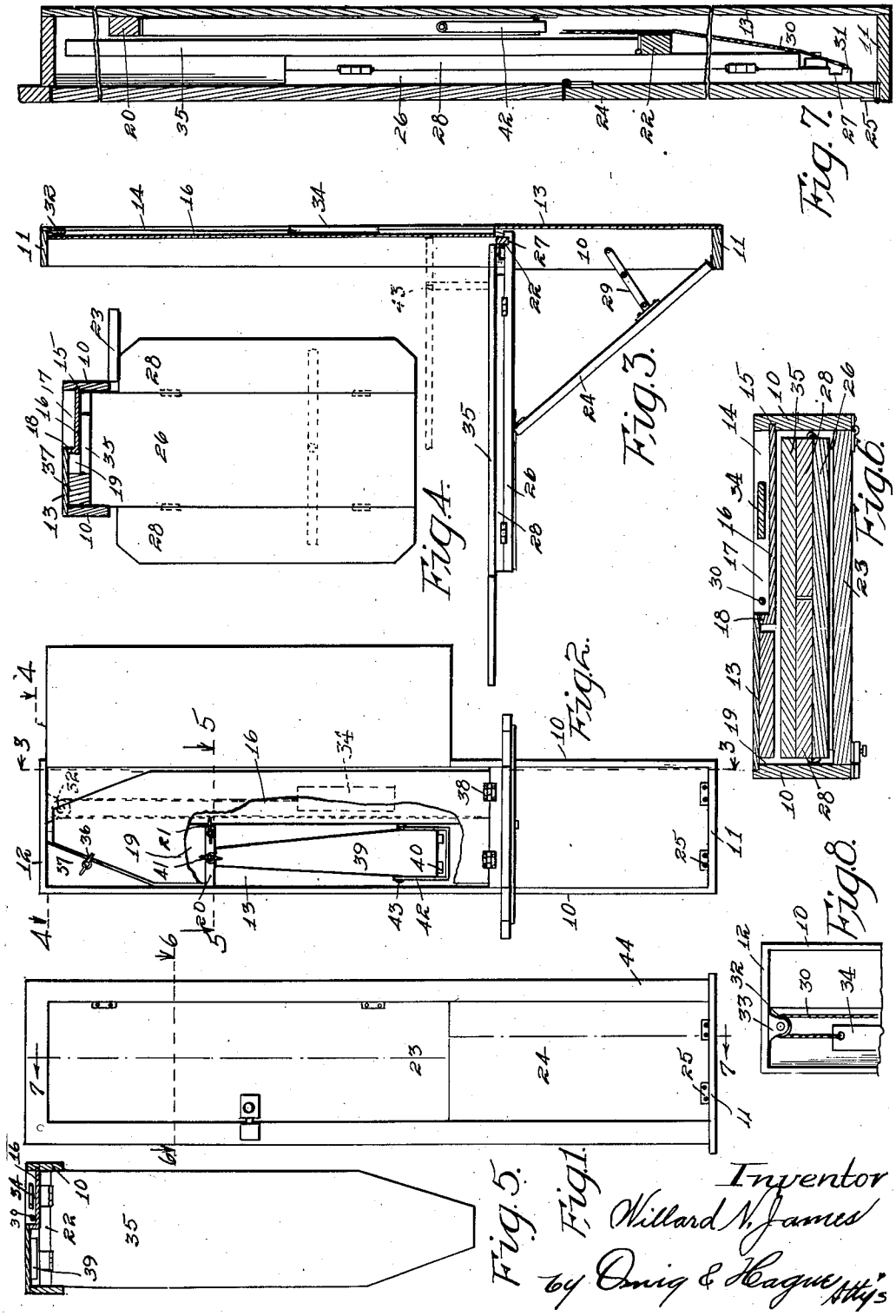


Fig. 7.

Fig. 4.

Fig. 3.

Fig. 6.

Fig. 2.

Fig. 8.

Fig. 5.

Fig. 1.

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## CABINET FOR IRONING BOARDS AND BREAKFAST TABLES

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1 Claim. (Cl. 311—18)

This invention relates to improvements in cabinet construction adapted to support a combination breakfast table and ironing boards.

The object of my invention is to provide an improved cabinet so constructed and arranged that a breakfast table having folding leaves, an ironing board and a sleeve board may all be folded and supported in the cabinet when not in use, the cabinet being adapted to be inserted in an opening formed in the wall of a frame building such as is used for residences, and supported in the space between two studdings, which are ordinarily placed fourteen inches apart from center to center, the cabinet being of a depth substantially equal to the width of the studding, plus the thickness of the plastering, which is usually about one-half inch, the cabinet being so constructed and the boards and table so arranged therein that the table may first be moved to an operative horizontal position, after which the ironing boards may be supported by the table, wherein a single supporting means is provided for all of the units.

More specifically, it is the object of my invention to provide a cabinet so arranged and constructed that all of the units above mentioned may be folded within a very definite and compact space and at the same time be of comparatively simple and cheap construction.

A further object of my invention is to provide a cabinet employing one of the closing doors as means for supporting the table and ironing boards in horizontal positions wherein the ironing boards may be folded within the cabinet between the door member and the back of the cabinet, and provide in connection therewith improved means for counter-balancing the weight of the table as it is moved to folded position.

My invention consists in the construction, arrangement and combination of the various parts of the device, whereby the objects contemplated are attained, as hereinafter more fully set forth, pointed out in my claim, and illustrated in the accompanying drawing, in which:

Figure 1 is a front elevation of my improved cabinet, showing the doors closed, in its normal position.

Figure 2 is a front view of the same showing the breakfast table moved to its operative position with the upper door open and a portion of the ironing board broken away to illustrate the manner in which the sleeve board is supported in its folded position.

Figure 3 is a vertical sectional view taken on the line 3—3 of Figure 2, showing the leaves of the table folded on top of its central portion, and the manner in which the ironing board is carried thereby in an operative position.

Figure 4 is a detail sectional view taken on the line 4—4 of Figure 2.

Figure 5 is a detail sectional view taken on the line 5—5 of Figure 2 with the ironing board moved to operative position, as illustrated in Figure 3.

Figure 6 is an enlarged detail sectional view taken on the line 6—6 of Figure 1.

Figure 7 is an enlarged detail segmental view taken on the line 7—7 of Figure 2.

Figure 8 is a back view of the upper end of the cabinet illustrating the manner in which the counter-balancing device is supported therein.

My improved device comprises a cabinet having side members 10, a bottom 11, a top 12 and a back member 13. A portion of the upper right-hand corner of the back is provided with an opening 14, the right-hand member 10 being provided with a vertical groove 15 spaced from its back edge a slight distance for receiving one edge of a panel 16 for closing said opening and for providing what I shall term an outer recess 17. The inner edge of the panel 16 has a cleat 18 designed to rest against the inner edge of the upper end of the back portion 13 so as to provide what I shall term an inner recess 19. The back 13 is provided with a transversely arranged cleat 20 having at its inner edge a turn button 21 for latching the panel 16 in position in a detachable manner, thus providing means whereby access may be had to the recess 17 for the purpose hereinafter made clear.

Supported between the side members 10 and slightly spaced from the back 13 is what I shall term a cross bar 22.

For closing the front end of the cabinet I have provided an upper door 23 and a lower door 24, the lower door being fixed to the cabinet at its lower end by hinges 25 so that its upper end is free to swing from a vertical closed position to an upwardly and outwardly inclined position. Hinged to the upper edge of the door 24 I have provided a breakfast table 26 of a width substantially equal to the distance between the members 10 and having its inner end projecting into said cabinet and provided with a transverse notch 27 adapted to receive the lower edge of the cross bar 22 when the table is in its horizontal and operative position, the door 24 being hinged to the table at a point substantially midway between its ends wherein the inner end of the table may be swung downwardly and fold-

ed to position against the inner face of the door **24**, after which both the table and the door **24** may be folded to a vertical and closed position.

Each side edge of the table **26** is provided with a hinged leaf **28** of a width equal to substantially one-half the width of the table **26** so that the said leaves may be folded to position on top of the table to permit the table to be folded within the cabinet, as illustrated in Figures 6 and 7.

For limiting the outward movement of the upper end of the door **24** I have provided a jointed link **29** having one end pivoted to the member **24** and its opposite end to one of the side members **10**, as clearly shown in Figure 3.

For counter-balancing the inner end of the table **26** I have provided a cable **30** having one end attached to the table at the point **31**. The cable is then passed upwardly between the bar **22** and the back **13**, and over a pulley **32** carried by a suitable bracket **33** suspended from the top **12** and within the upper end of the recess **17**, the other end of the cable **30** being provided with a suitable weight **34**. Thus means is provided whereby the counter-balancing weight and cable are supported back of the panel **16** and out of sight. However, when it is desired to repair the cable or adjust the weight this may be easily done by removing the panel in the manner heretofore described, the weight **34** normally traveling between the panel and the outer wall or shiplap of the building.

Hinged to the upper edge of the cross bar **22** is an ironing board **35** substantially of ordinariy construction and of a width substantially equal to the distance between the members **10**, said ironing board being adapted to rest on top of the leaves **28** of the table when in operative position and to be folded to position within the cabinet and close to the member **16**, said ironing board being locked in said position by means of a turn button **36** supported on a block **37** carried in the upper end of the cabinet, the ironing board being fixed to the bar **22** by means of hinges **38**.

Supported within the inner recess **19** I have provided a sleeve board **39** hinged to the back **13** by means of hinges **40**, the upper end of the sleeve board being locked to position by means of a turn button **41** supported on the cleat **20**, the hinges **40** being mounted on the back **13** at a position a slight distance above the bar **22**.

For supporting the board **39** in a horizontal position I have provided a substantially U-shaped leg **42** having its free ends secured to the board by pivots **43**, so arranged that when the board **39** is moved to its folded position the leg **42** will automatically swing to position around and beneath the lower end of the board **39** in the manner as clearly illustrated in Figure 2.

Thus it wil be seen that I have provided an improved cabinet which is of such size and dimensions that it may be inserted in an opening formed in the wall of an ordinary frame building and supported between two studdings spaced apart a conventional distance, with the inner edge of the cabinet substantially even with the inner face of the plastered wall so that a suitable casing may be provided for the sides, top and bottom members of the cabinet, as illustrated in Figure 1 and designated by the numeral **44**, the cabinet being provided with doors for closing the same so that the entire construction will match the window and door casings of the room, and at the same time provide a construction so arranged that either the breakfast table, the ironing board or the sleeve board may be brought to operative position, all of which may be folded into the cabinet when not in use, thus providing combination ironing boards and breakfast table which is particularly adapted to be used in small kitchens or rooms of apartments.

By providing the panel **16** and offsetting the same relative to the back of the cabinet I have provided two recesses substantially in the same plane, one for supporting the sleeve board **39** and the other for supporting the counter-balancing means. This is accomplished with substantially the same amount of material as if the back **13** was formed in the usual manner, thus providing a recess for the counter-balancing means wherein the said means is hidden from sight without any material additional cost. By making the panel detachable, access may be had to the counter-balancing means at any time.

I claim as my invention:

A cabinet for supporting an ironing board, having ends, sides and a back, doors for closing the front side of said cabinet, a cross bar fixed to and between said sides spaced from said back and between its upper and lower ends, one corner of said back having an opening, a detachable panel for closing said opening, said panel being offset relative to the back to form inner and outer recesses with the lower end of said outer recess terminating above said cross bar to provide a passage between the cross bar and said back communicating with the lower end of said outer recess, substantially as described and for the purpose stated.

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