

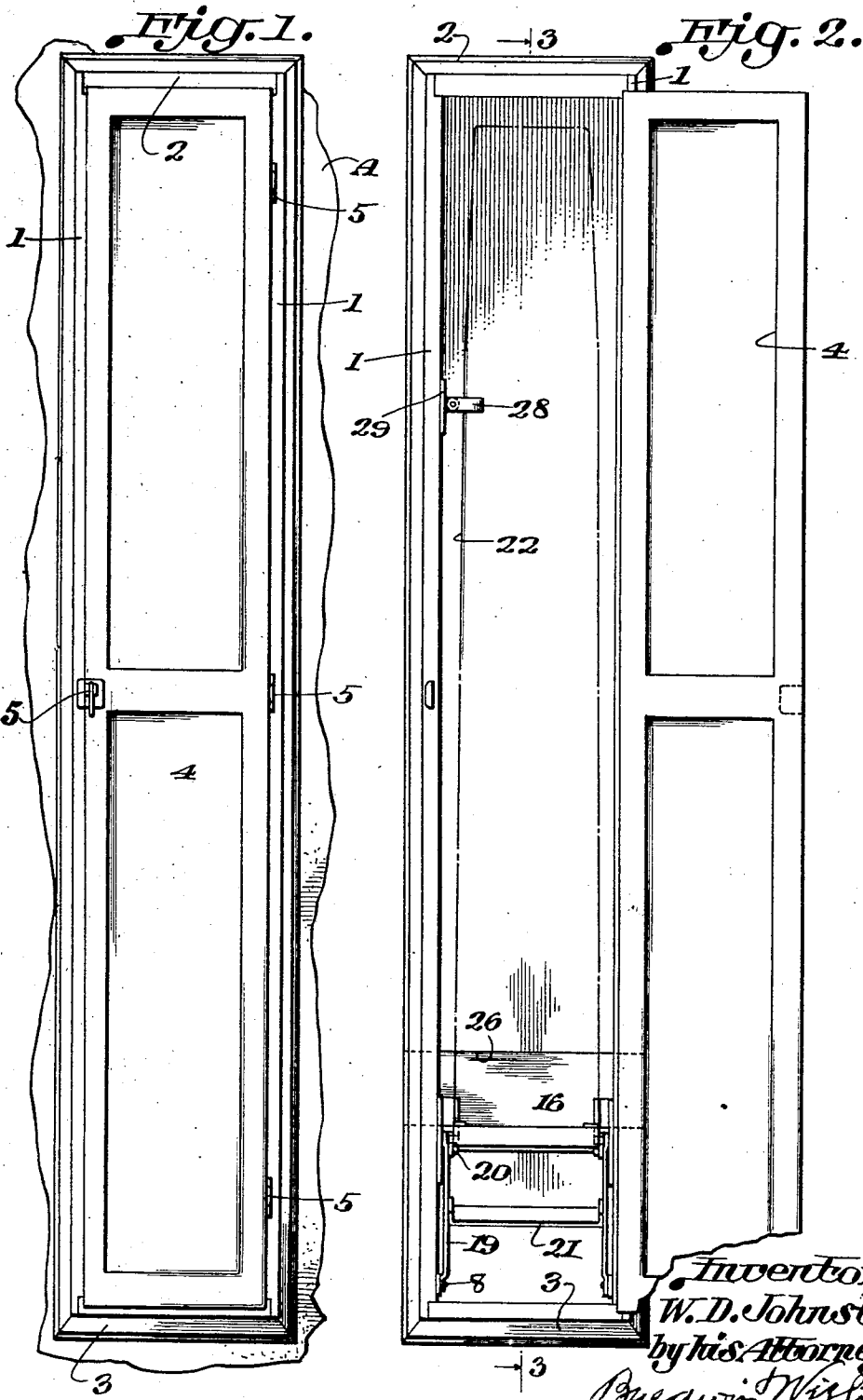
March 19, 1929.

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IRONING BOARD CABINET

1,706,235

Filed Nov. 4, 1927

2 Sheets-Sheet 1.



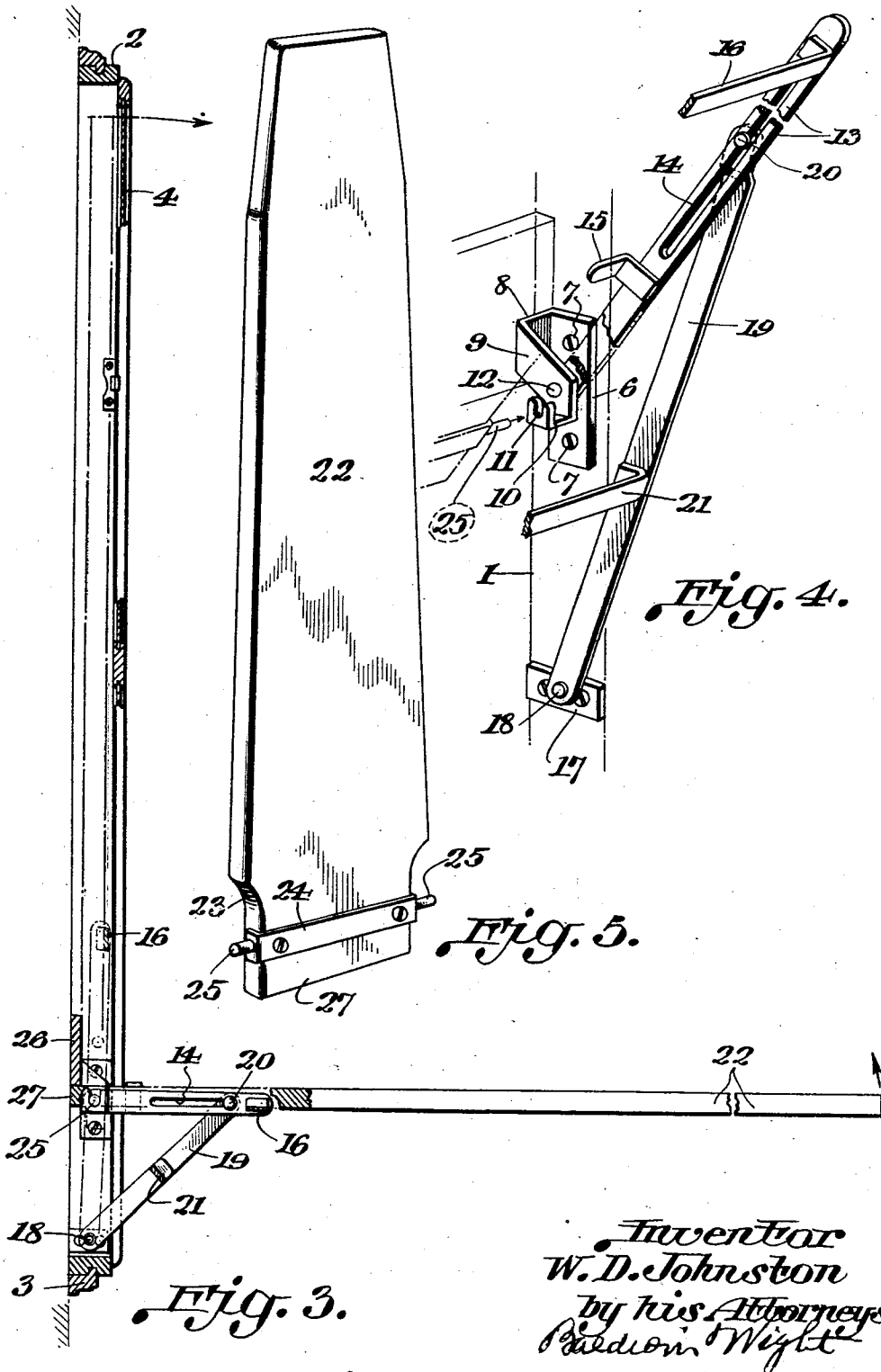
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UNITED STATES PATENT OFFICE.

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IRONING-BOARD CABINET.

Application filed November 4, 1927. Serial No. 231,017.

This invention relates to an ironing board and cabinet therefor which is adapted to be constructed as a unit and secured to the wall of a room at any time after the building is constructed. The ironing board itself is independent of the cabinet, and is not fastened thereto in any way, but can be removed from the cabinet when desired. The support for the ironing board so constructed acts both as a support and as a hinge, and the board can be moved readily to and from operative position. The construction is such, however, that the board will not become accidentally disengaged, and if it drops from its position within the cabinet to the operative it will always take up said operative position without any attention on the part of the user. When in the operative position, it is strongly and firmly supported for use, and cannot be disengaged from its support.

In the drawings, Figure 1 is a face view of the cabinet as it appears attached to a wall with the door closed.

Figure 2 is a similar view with the door open showing the ironing board in position within the cabinet.

Figure 3 is a section on the line 3—3 of Figure 2, but showing the ironing board in operative position in full lines.

Figure 4 is a view of the supporting and bracing mechanism at one side of the cabinet.

Figure 5 is a perspective view of the ironing board itself.

The cabinet may be composed of side members 1, a top 2, and bottom 3, which are adapted to be attached directly to the wall and may be of any desired design to agree with the other features of the room. A door 4 is hinged to one side of the cabinet by suitable hinges 5, and held in closed position by a latch 5'.

A bracket 6 is attached at each side to the inner face of a side wall 1, and this bracket has a flat portion which lies in contact with said wall and is fastened thereto by screws 7 or other suitable fastenings. The upper portion of the bracket is bent at right angles to extend inwardly to form a short connecting web 8, and then is bent to extend downwardly as shown at 9 in a plane parallel to the body 6. The lower end of the part 9 has an inwardly extending portion 10 hav-

ing its end turned upwardly extending and forming a fork 11.

Pivoted at 12 at the portion 9 and lying intermediate the portions 9 and 11 is a member 13 provided near its outer end with a slotted portion 14. It also has a lug 15 which is adapted to lie on one side of the ironing board, while the arms 13 at each side of the cabinet are connected by a cross bar 16 which engages on the other side of the ironing board when the latter is in position. Fastened to the inner face of the side 1 and some distance below the bracket 6 is a member 17 to which is pivoted at 18 an upwardly extending brace 19 having at its end a pin 20 which works in the slot 14 of the member 13. The braces 19 are connected by a cross bar 21 as indicated.

The ironing board 22 is of any desired form or material, and has near one end reduced portions 23, adjacent which a strap 24 extends across the board and is provided at its ends with pintles 25 which fit into the forks or sockets 11. In this manner the board is supported for turning movement. As above stated, when the board is dropped into position, the connecting bar 16 lies on one side thereof, while the portion 15 lies on the opposite side. The lower end 27 of the ironing board, when the latter is moved to the operative, full line position of Figure 3, is adapted to contact with the under side of a connecting bar 26 which extends from one side of the cabinet to the other. At this time the pins 20, carried by the brace members 19, are in the outer end of the slots 14. The board cannot be disengaged from its pivotal support when in this position, since the inner end thereof cannot move upwardly. The brace 19 holds the same from downward movement, thus affording a firm and fixed support.

Whenever the board is in vertical or nearly vertical position, however, it can be removed by a slight lifting movement, as at that time the pintles 25 may be easily lifted out of the sockets 11. When in closed position within the cabinet, the board may be held against accidental movement to operative position by means of a member 28 pivoted to a plate 29 carried by one of the side frames 1. This can be swung into the posi-

tion shown in Figure 2, and thus prevent the board from moving toward operative position. However, when the board does move toward operative position, it is obvious that it will drop to such position without any danger of disengagement.

It is obvious that changes in the form and proportions of the various parts may be made without in any way departing from the spirit of the invention, which is to be regarded as limited only by the scope of the appended claims.

I claim as my invention:

1. An ironing board cabinet comprising a casing, an ironing board having pivots, a bracket attached to the inner side of the casing at each side, said brackets having sockets adapted to receive said pivots, a supporting arm for the board pivoted to each bracket, and a brace pivoted to each side of the casing and having a pin which works in a slot in the corresponding arm.

2. An ironing board cabinet comprising a casing having a cross bar at its back intermediate the ends thereof, an ironing board having pivots near one end thereof, a bracket attached to the inner side of the casing at each side, said brackets having sockets adapted to receive said pivots to removably mount the ironing board, said sockets being adjacent the cross bar so that the end of the ironing board engages the under side of the bar when the board is in operative position, and supporting and brace members for the ironing board pivoted to the casing and engaging the upper and under side of the ironing board at that time.

3. An ironing board cabinet comprising a casing, an ironing board having a pivot, a bracket at one side of the casing having an attaching portion, a portion inwardly spaced therefrom, a supporting member for the ironing board having one end disposed between said portions and pivoted to that last mentioned, and another portion inwardly of the second mentioned portion provided with a socket engageable by said pivot, in combination with means to supplement the said supporting member in supporting the ironing board in operative position.

4. In an ironing board cabinet, a removable ironing board having pivots, and a pair of brackets attached to the sides of the cabinet, each bracket including means receiving said pivots and means to which are pivoted supporting members for the ironing board when in operative position, said supporting members having parts engaging opposite sides of the ironing board, in combination with means to supplement the said supporting members in supporting the ironing board in operative position.

5. In an ironing board cabinet, an ironing board having spaced from one end means carrying at each side a hinge element, a

bracket attached to each side of the cabinet and having a cooperating hinge element, and a supporting member for the board pivoted to the bracket, said supporting member having parts engaging opposite sides of the board, and means to brace the supporting member in the operative position of the same and board.

6. In an ironing board cabinet, an ironing board having means spaced from one end providing a hinge element at each side of the board, a bracket attached to each side of the cabinet and having a hinge element engaged by the adjacent first mentioned hinge element, a supporting member for the ironing board at each side also pivoted to the brackets, and a brace pivoted to the cabinet at each side and slidably engaged with a supporting member.

7. In an ironing board cabinet, an ironing board having means spaced from one end providing a hinge element at each side of the board, a bracket attached to each side of the cabinet and having a hinge element engaged by the adjacent first mentioned hinge element, and a supporting member for the ironing board at each side also pivoted to the bracket, said cabinet having a rear cross bar adjacent said brackets under which the end of the board engages when in operative position, in combination with means to supplement the said supporting members in supporting the ironing board in operative position.

8. In an ironing board cabinet, an ironing board having means spaced from one end providing a hinge element at each side of the board, a bracket attached to each side of the cabinet and having a hinge element engaged by the adjacent first mentioned hinge element permitting ready disengagement of the board when in inoperative position, a supporting member at each side also pivoted to the bracket, and a brace pivoted to the cabinet at each side and slidably engaged with the adjacent supporting member, said cabinet having a rear cross bar adjacent said brackets under which the end of the board engages when in operative position.

9. An ironing board cabinet comprising a casing, an ironing board having pivots, a bracket at each side of the casing, said brackets having sockets adapted to receive said pivots, a supporting member for the ironing board pivoted to one of the brackets, a brace pivoted to the casing, and a connection between the brace and supporting member permitting relative pivotal and sliding movement thereof.

10. In combination, an ironing board, a supporting means therefor comprising a bracket, said bracket having an attaching portion, a portion substantially parallel to the attaching portion and a portion spaced from the latter portion having a socket

adapted to receive a pivot on the ironing board, a supporting member for the ironing board disposed between the first two mentioned portions and pivoted to one of them, 5 and a brace slidably connected to the supporting member and adapted for attachment to a support, said supporting member having means to hold the ironing board so that its pivot will not accidentally disengage said socket. 10

In testimony whereof, I have hereunto subscribed my name.

WILLIAM D. JOHNSTON.