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CABINET IRONING BOARD.

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1,210,095.

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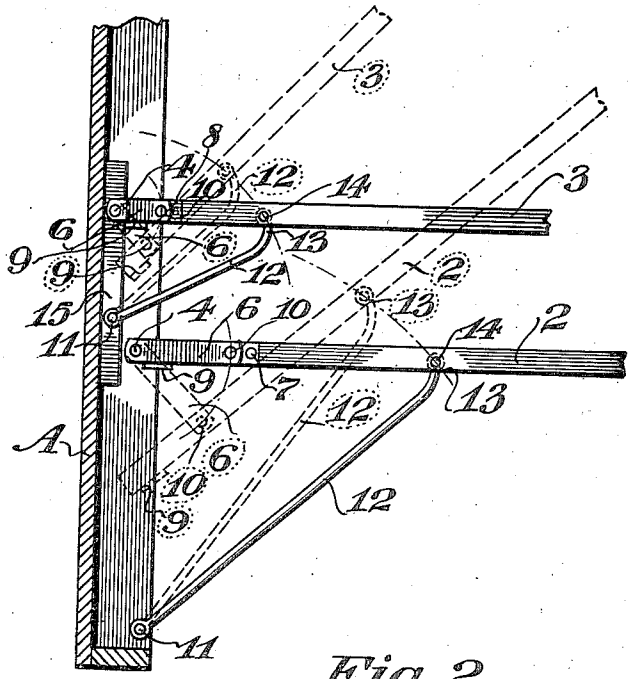


Fig. 2.

Fig. 1.

Fig. 3.

WITNESSES:

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Application filed April 5, 1916. Serial No. 89,064.

To all whom it may concern:

Be it known that I, WILLIAM A. NOACK, a citizen of the United States, residing in the city and county of San Francisco and State of California, have invented new and useful Improvements in Cabinet Ironing-Boards, of which the following is a specification.

This invention relates to a cabinet ironing board.

The object of the present invention is to provide an improved form of cabinet ironing board which is simple and compact in construction and adapted to be built in or attached to a wall in such a manner as to present a neat, attractive appearance, and particularly to provide a novel form of link structure which will form a rigid support and permit the use of a main ironing board and a sleeve board.

Further objects will hereinafter appear.

The invention consists of the parts and the construction and combination of parts as hereinafter more fully described and claimed, having reference to the accompanying drawings, in which—

Figure 1 is a perspective view of the cabinet, showing the ironing boards extended. Fig. 2 is a vertical central section, partly broken away, showing the link connections between the boards and the cabinet. Fig. 3 is a perspective view of one of the stop plates.

Referring to the drawings in detail, A indicates a cabinet which may be built in, or attached to, a wall. The cabinet proper is provided for the purpose of containing a large ironing board indicated at 2 and a smaller sleeve board 3. These boards are so mounted that they may be swung about the link supporting member shown to assume a vertical position interior of the cabinet or the horizontal position shown in Fig. 1. The cabinet proper may be provided with a door not here shown, to present as neat and attractive appearance as possible.

The link connections between the boards and the cabinet forms the main feature of the present invention and these are constructed and arranged as follows: Pivotally secured to the inner sides of the cabinet as at 4, one to each side, is a pair of comparatively short links 6 and secured to the inner end of the main board by means of screws passed through openings 7 is a pair of side-plates 8, on the inner ends of which are formed outwardly projecting lugs 9. The outer ends of the link 6 are pivotally attached as at 10 to the side-plates 8 near their outer ends and thus form a connection between the inner end of the board and the side walls of the cabinet. Pivotally secured to the side walls of the cabinet, a suitable distance below the links 6 as at 11, is a pair of links 12, the upper ends of which are pivotally secured to the board 2, approximately mid-way of its ends as at 13, by means of a rod 14 or any other similar connection. The links 12 form outwardly extending braces which support the board in the horizontal position shown in Fig. 1, while the inner links 6 form stop members which prevent further upward movement of the inner end of the board when it is swung outwardly from the cabinet. This upward movement of the inner end is prevented by means of the lugs 9 which engage the underside of the links 6. The upper sleeve board indicated at 3 is provided with links 6 and 12 similar to those described in connection with the main board 2, the only difference being that they are secured to two cleats 15 secured to the rear panel of the cabinet. This mounting permits the smaller sleeve board to fold inwardly to a vertical position where it will snugly rest against the rear panel in a position where it will not interfere with the main board 2 when this is swung back to vertical position about the inner link 6. The inner pivotal connections securing the links 6 and 12 of the main board to the sides of the cabinet are positioned exterior of the cleats 15 and will therefore cause the main board 2, when swung upright to assume a position exterior of the sleeve board 3 and the cleats 15, the main board being secured in this upright position by means of a spring catch 16 engageable with the outer end of the board.

The device as a whole is simple and compact in construction and occupies comparatively small wall space as one board stands parallel with relation to the other when assuming an upright position. The link structure shown forms a rigid support for the boards when extended and are so simple in construction that the housewife or anyone not familiar with mechanics can operate same. While the link structure here shown is particularly described and operable in connection with ironing-boards, it is obvious that it may be employed for wall seats or

foldable shelves and like devices not here shown.

The materials and finish of the several parts of the invention may be such as the judgment and experience of the manufacturer may dictate.

I wish it understood that various changes in form, proportions and minor details of construction may be resorted to within the scope of the appended claims and that I do not wish to limit myself to the specific design and construction here shown.

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

1. The combination with a cabinet having a supporting member foldable into, and out of, the cabinet, of a pair of link members pivotally secured at one end to the sides of the cabinet and having their opposite ends pivotally secured to the sides of the supporting member near its inner end, a second pair of links pivotally secured to the sides of the cabinet and having their opposite ends pivotally secured to the supporting member approximately central thereof, and a stop member on the supporting member engageable with the first named links to secure the supporting member with relation to the links when in a horizontal position.

2. The combination with a cabinet having a supporting member foldable into, and out of, the cabinet, of a link member pivotally secured at one end to the cabinet and having the opposite end pivotally secured to the supporting member near its inner end, means pivotally mounted on the cabinet, below the first named link, and having pivotal connection with the supporting member approximately central thereof for supporting said members horizontally, and a stop member on the supporting member engageable with the link to secure the supporting member with relation to the link when in a horizontal position.

3. The combination with the cabinet having an ironing board mounted therein, adapted to be folded into or out thereof, of a pair of side-plates secured to the inner end of the board, a pair of link members pivotally secured at one end to the sides of the cabinet and having their opposite ends pivotally secured to the outer ends of the side-plates, a second pair of links pivotally secured to the sides of the cabinet below the first named links and having their opposite ends pivotally secured to the ironing board approximately central thereof, and a stop member secured on each side-plate engageable with the first named links to secure the inner end of the ironing board against upward movement when this is swung out to assume a horizontal position.

4. In a device of the character described, an upright support, a member movable relative thereto, a link support pivoted at fixed points to the upright support and member for supporting the inner end of the latter for folding downwardly whereby the outer end of said member may be swung upwardly against the upright support from a horizontal position, and a second link support pivoted at one end to the upright support at a fixed point below the member and pivoted at its opposite end at a fixed point to the under side of the member, when the latter is horizontally disposed, for supporting said member so disposed and for being arranged outwardly of the member when the latter is folded against the upright support.

5. The combination with the ironing board, the cabinet and the inner and outer links supporting the board with relation to the cabinet of a pair of side-plates secured to the inner end of the board and an outwardly extending lug on each side plate engageable with the inner links.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

WILLIAM A. NOACK.

Witnesses:
JOHN H. HERRING,
W. W. HEALEY.