C. E. WINTEMUTE.

IRONING BOARD CONNECTION.

APPLICATION FILED JULY 1, 1920.

1,384,371. Patented July 12, 1921.

Fig. 1.

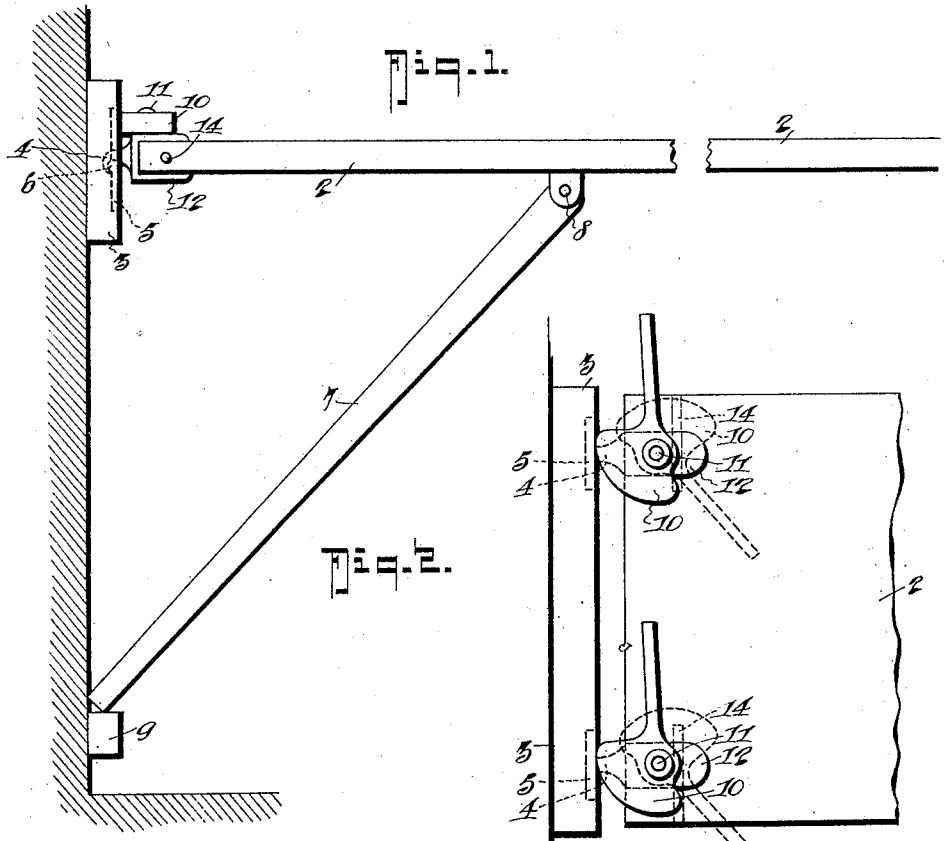


Fig. 2.

Fig. 3.

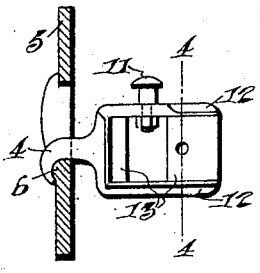


Fig. 4.

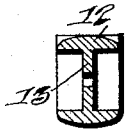
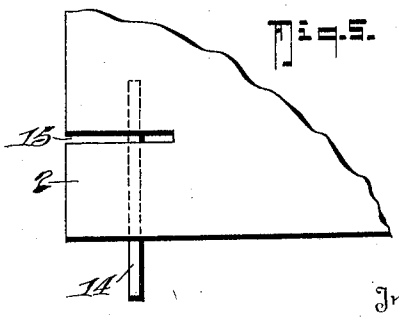


Fig. 5.



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IRONING-BOARD CONNECTION.

1,384,371. Specification of Letters Patent. Patented July 12, 1921.

Application filed July 1, 1920. Serial No. 393,441.

To all whom it may concern:

Be it known that I, CHARLES E. WINTEMUTE, citizen of the Dominion of Canada, residing at Vancouver, in the Province of British Columbia, Canada, have invented certain new and useful Improvements in Ironing-Board Connections, of which the following is a specification.

This invention relates to a means for removably connecting an ironing board to the wall of a room, the improvements being directed particularly to provision for tightening and imparting rigidity to the wall connection.

The invention is fully described in the following specification, reference being made to the drawings by which it is accompanied, in which:

Figure 1 is a side elevation of the device as applied.

Fig. 2, a plan of the wall connected end of the board, showing the means whereby the connection is secured.

Fig. 3 is an enlarged detail of the wall plate in section showing the hook connection of the board in its relation to it, the hook connection being detached from the ironing board.

Fig. 4 is a cross section on the line 4—4 in Fig. 3, and

Fig. 5 is a corresponding detail of the ironing board end as prepared for the reception of the connecting hook.

In these drawings 2 represents the ironing board and 3 a rail secured to the wall at the desired position of attachment of the ironing board. A hook 4 is secured on the end of the ironing board 2 adjacent each side, which hooks are directed downward and outward toward the board. On the wall rail 3 are secured plates 5 apertured to receive the hooks 4 of the ironing board, each having an inwardly projecting lip 6 on the under edge of the aperture to engage and retain the hook.

Intermediate the length of the ironing board 2 a strut member 7 is pivotally connected at 8 to its underside, the free end of which strut is designed to engage the floor of the room at the wall or the upper side of a rail 9 secured to the wall adjacent the floor, when the ironing board is hooked to the wall plates 5.

The thrust of this strut 7 will tend to retain the hooks 4 in engagement with the lips 6 of the wall plates and support the ironing board projecting horizontally from the wall.

To more effectively secure it in this position and prevent accidental release handled eccentrics 10 are pivotally mounted at 11 on the hook connections, the eccentricity of which will press against the wall plates 5 when the handles are turned parallel with the wall, and will secure the hooks 4 tightly against the lips 6 of the wall plate.

The hooks 4 should be securely connected to the end of the board 2 to resist the endwise pressure of the eccentric ended levers 10. They are preferably formed as shown in Figs. 3 and 4 with upper and lower members 12 engaging the thickness of the board between them, and connected together by an apertured web 13 between them, which is drilled to receive a nail or pin 14.

On the upper board engaging portion 12 of each is a facing to receive the pin 11 of the eccentric 10. The end of the board 2 is saw cut at 15 to receive the web 13 which is endwise driven into it and the nail 14 is driven through the side of the board 2 with a slight draw to pull the hook member tightly against the end of the board.

This attachment is simple and easily applied, and the surface of the nail in double shear has a secure hold against the end wood of the board.

I am aware that prior to my invention ironing boards have been hinge-connected and hook-connected in various ways to the wall of a room, and have been supported in such connection by struts hinged to the underside of the board and bearing against the floor and wall, but in none with which I am acquainted have the hook members been downwardly and outwardly directed with provision for securing them against the endwise movement necessary to release, and this feature forms an important characteristic of the invention.

I do not desire to be confined to the particular construction of wall plate, hook members or eccentric levers, as set forth in the foregoing specification and as illustrated in the drawings herewith, as the same may be shaped and secured in any manner that will serve the requirements of the invention.

Having now particularly described my invention, I hereby declare that what I claim

as new and desire to be protected in by Letters Patent, is:

1. An ironing board connection, comprising the combination with an ironing board, of hooks secured to and projecting from its larger end, the points of said hooks being directed toward the board, plates secured to the wall, which plates have provision to engage the hooks of the ironing board, a strut hinged to the under side of the board supporting it in a substantially horizontal position, and an eccentric pivotally mounted adjacent each hook member and designed to bear against the wall plates and retain the hooks in engagement therewith.

2. An ironing board connection, comprising the combination with an ironing board, hook members secured to and projecting from the larger end of the board, the points of which hooks are directed toward the board, wall plates having hook engaging provision, a strut supporting the ironing board in a substantially horizontal position, an eccentric ended lever pivotally mounted on each hook member and adapted to bear against its wall plate and secure the hooks of the ironing board against movement therein.

In testimony whereof I affix my signature.

CHARLES EARNEST WINTEMUTE.