March 1, 1927. 1,619,774

L. E. WATTS

IRONING BOARD INSTALLMENT

Filed Oct. 27, 1925

Fig. 1.

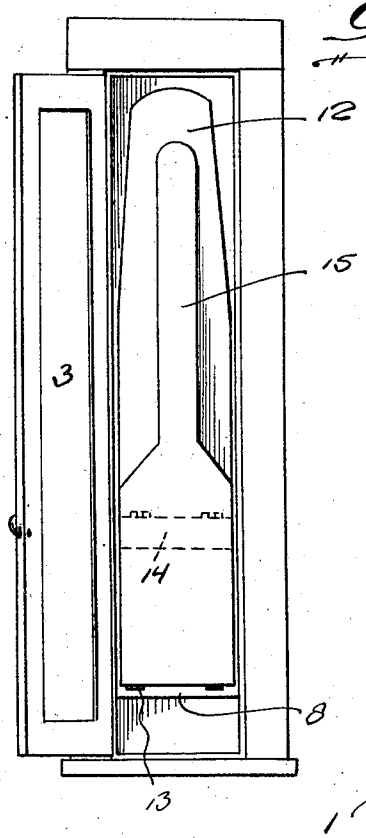


Fig. 2.

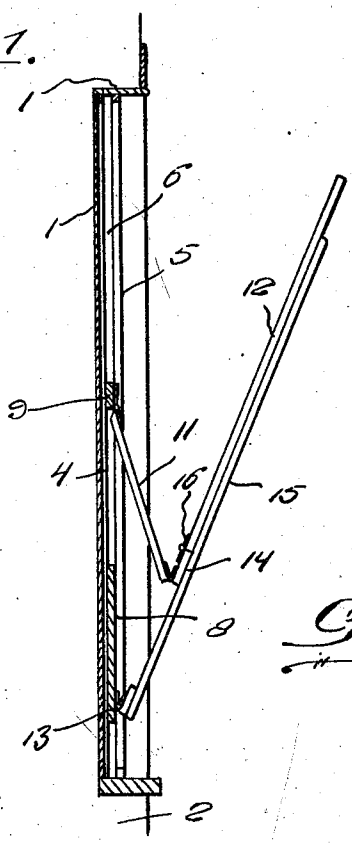


Fig. 4.

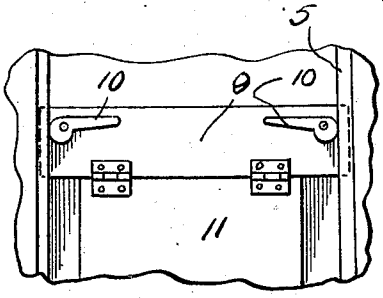
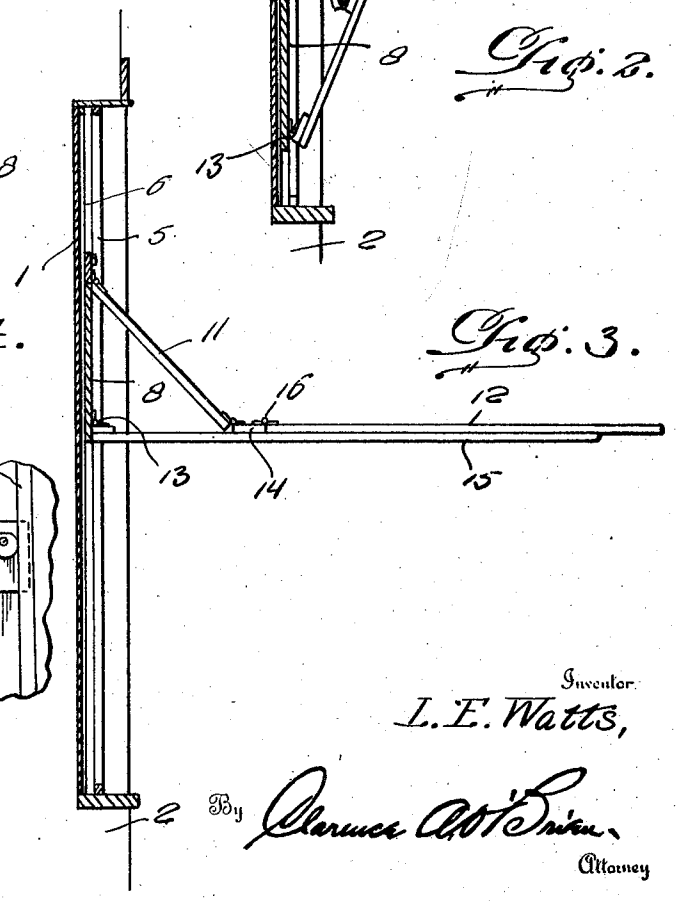


Fig. 3.



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UNITED STATES PATENT OFFICE.

LEO EDWARD WATTS, OF AMARILLO, TEXAS.

IRONING-BOARD INSTALLMENT.

Application filed October 27, 1925. Serial No. 65,165.

The general object of my present invention is the provision of an ironing board installment of such character that when not in use the board means may be expeditiously and easily encased so as to be out of the way and so as to be protected against dust and the liability of disarrangement, and when it is desired to use the board means, the same may be expeditiously and easily positioned at various heights and may be adjustably fixed in the working position.

To the attainment of the foregoing, the invention consists in the improvement as hereinafter described and definitely claimed.

In the accompanying drawings, forming part of this specification:—

Figure 1 is a front elevation illustrating my improvement with the door of the casing open and the ironing board and its appurtenances compactly stored in said casing.

Figure 2 is a vertical section, with parts in elevation illustrating the ironing board means in a position it occupies incident to positioning of the ironing board means for use and the return of the said ironing board means to the casing, or cabinet.

Figure 3 is a view similar to Figure 2 but showing the ironing board means in working position.

Figure 4 is an enlarged fragmentary face view illustrating the manner of and means for adjustably fixing the member for maintaining the ironing board means in working position.

Similar numerals of reference designate corresponding parts in all of the views of the drawings.

Among other elements my improvement comprises a casing 1 the said casing 1 being preferably, though not necessarily, housed in a wall 2 of an apartment. Normally the said casing 1 is closed by a door 3, the said door being preferably of hinged type. At the inner sides of the opposite side walls of the casing 1 are strips 4 and 5 and between the said strips 4 and 5 are vertical runways 6, Figures 2 and 3.

In addition to the casing 1 my improvement comprises a vertically movable body 8 disposed in the said runways 6, a stop 9 also disposed and movable rectilinearly in the said runways 6, means, preferably cams 10 for fixing the said stop 9 with respect to the casing 1 and a link member 11. A sleeve board 15 is hingedly connected at 13 to the body 8, a cleat 14 is superposed on and fixedly connected to the said sleeve board 15 and an ironing board 12 is hingedly connected at 16 to the said cleat 14 and opposed to the upper side of the sleeve board 15 as illustrated. In this connection it will be understood that the link 11 is hingedly connected to the stop 9 and the cleat 14.

The cams 10 are relatively arranged as best shown in Figure 4 and the perimeters of their heads are opposed to the opposed sides of the strips 5. From this it follows that while the said cams 10 will not prevent upward vertical movement of the stop 9 in and relative to the casing 1, the said cams may be depended upon to preclude casual movement downward of the member or bar 9. Again it will be appreciated that the said cams 10 may at any time be quickly and easily manipulated for the adjustable fixing of the stop 9 at any desired height in the casing 1.

The body 8 of the improved construction is free to be translated upwardly and downwardly in the runways 6, while it will be gathered from Figure 3 that when the stop 9 is adjustably fixed to the casing 1, the upward movement of the body 8 will be limited by the said stop 9, the body 8 in that case bringing up against the stop 9 as clearly appears in Figure 3.

With the ironing board means positioned as stated and as shown in Figure 3 it will be observed that the ironing board proper 12 may be used in the ordinary well known manner without being interfered with in any degree by the sleeve board 15. It will be readily apparent, however, that when it is desired to use the sleeve board 15, it is simply necessary to swing the ironing board 12 on its center of movement until it rests in inclined position against the casing when as will be readily appreciated the sleeve board 15 will be fully exposed and convenient of access for use.

Notwithstanding the practical advantages ascribed to my improvement, including the facility with which the ironing board means may be put into and out of use, and adjustably fixed, it will be noted that the improvement is simple, inexpensive, compact, and is entirely free of any delicate parts such as are likely to get out of order after a short period of use.

When the parts comprised in the ironing board means and the appurtenances thereof are stored in the casing 1 as illustrated in

Figure 1, it will be noted that there is no tendency of the ironing board means to casually gravitate forwardly from the casing even when the door 3 is open.

The construction illustrated in all of its details constitutes the best practical embodiment of my invention of which I am cognizant. I do not desire, however, to be understood as confining myself to the structural details and relative arrangement of parts inasmuch as my invention is defined by my appended claims, and without departing from my invention such changes or modifications may be made as clearly fall within the scope of my appended claims.

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

1. In means for the purpose described, the combination of a casing having vertical runways on the inner sides of opposed walls thereof, a body disposed and movable in said runways, a stop for said body also movable in the runways and equipped with means for preventing casual downward movement thereof, a board hingedly connected to said body, and a link hingedly connected at one end to the board and at the other end to said stop.

2. In means for the purpose described, the combination of a casing having vertical runways on the inner sides of opposed walls thereof, a body disposed and movable in said runways, a stop also movable in the runways and equipped with means for preventing casual downward movement thereof, a board hingedly connected to said body, and a link hingedly connected at one end to the board and at the other end to said stop; said means for preventing casual downward movement of the stop in the casing comprising cams carried by the stop and having heads, the perimeters of which are arranged to abut the walls of said casing.

In testimony whereof I affix my signature.

LEO EDWARD WATTS.