

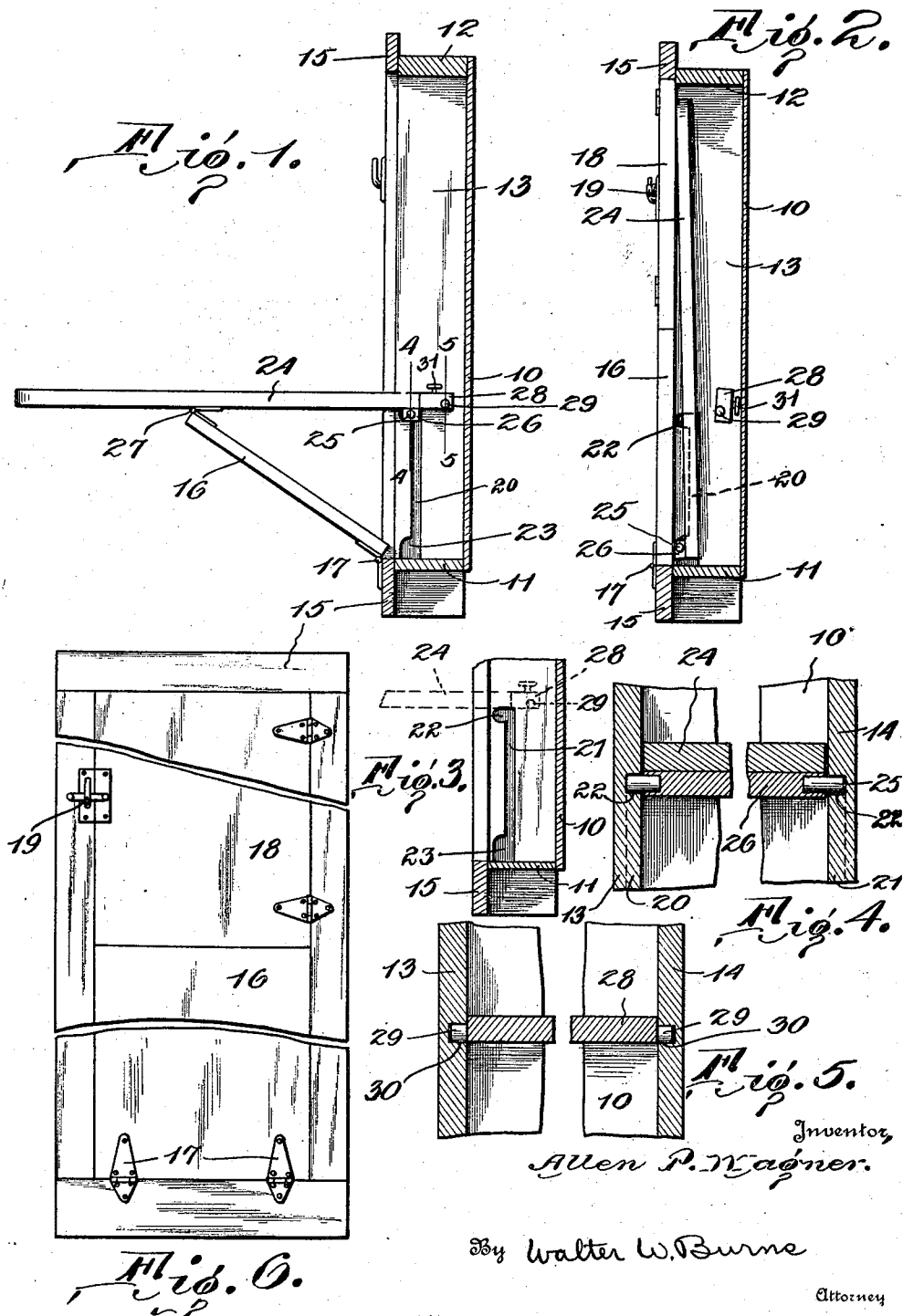
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IRONING BOARD AND CABINET

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UNITED STATES PATENT OFFICE.

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IRONING BOARD AND CABINET.

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This invention relates to ironing boards and cabinets for holding the same.

The primary object of my invention is the provision of an improved ironing board cabinet and ironing board, arrangements being made to swing the ironing board within the cabinet.

Another and important object of my invention is the provision of an ironing board and cabinet therefor having an improved locking mechanism therebetween for positively holding the ironing board in its usable position, the locking means being pivoted forward of the rear wall of the cabinet thereby leaving a space between the said locking means and the said rear wall.

Another object of my invention is the provision of an ironing board and cabinet therefor having a pivoted locking means for holding the ironing board in its usable position, the locking means not extending above the level of the top of the ironing board.

Referring to the drawing wherein I have illustrated an embodiment of my invention,

Figure 1 illustrates a cross section of the cabinet adjacent one side showing the board in its usable position,

Figure 2 is a similar cross section showing the cabinet closed,

Figure 3 is a detail view showing the board removed to more clearly illustrate the slot construction,

Figure 4 is a detail cross section on the line 4—4 of Figure 1,

Figure 5 is a detail cross section on the line 5—5 of Figure 1,

Figure 6 is a front elevation of the cabinet with the doors closed.

10 illustrates the back of the cabinet, 11 and 12 the bottom and top members, respectively. 13 and 14 designate the side members and 15 designates the facing or trim of the cabinet. A lower door 16 is hingedly connected at 17 to the trim 15. The upper door 18 is preferably hinged at one side as shown in Figure 6. A clasp or securing means 19 is provided for holding the upper door in closed position. In the sides 13 and 14 are provided slots 20 and 21. These slots are provided with forwardly extending sockets 22 at their upper ends as shown clearly in Figure 3 and with similar sockets 23 at the bottom of the slot as shown on Figure 1.

Attached to the inner end of the ironing board 24 are the pins 25 as by the strip 26.

The ironing board is secured to the lower door portion 16 by suitable hinges 27 as shown on Figures 1 and 2. These hinges are located at such a point that when the pins 25 are in the forwardly extending portions 22 of the slots, the ironing board itself will be substantially level.

At the rear of the ironing board is arranged a very small locking device comprising the locking member 28. This locking member 28 is provided with pins 29 which extend into similarly shaped holes 30 in the side members 13 and 14. These pins 29 are preferably arranged in the lower portion of the locking member 28 in such a manner that when the locking member 28 is placed in locking position (see Figure 3) the ironing board 24 will be held in its forward position, the pins 25 being against the forward portion of the slots 22.

The pins 29 are arranged a sufficient distance to the rear of the ironing board when in its forward position, to permit the pins 25 to move to the rear and engage the main portion of the slots 20 and 21 when the locking member 28 is in unlocked position. The upper surface of the locking member 28 is preferably arranged so that when in locked position, the whole locking member does not extend above the upper surface of the ironing board.

A suitable means such as a small knob 31 may be provided to bring the locking means to locked and unlocked positions. By the construction described, it will be clearly seen that the rear wall 10 of the cabinet may be made of very thin material in view of the fact that nothing is supported from this rear wall. This is very important since ironing board cabinets are intended to be placed between two studs of a partition. These studs are usually only four inches in depth.

In addition to this feature, the rear wall 10 of the cabinet is left entirely clear. This feature is advantageous where the space is sometimes utilized for hanging the cloth which is used upon the ironing board itself. In addition to this, it is to be noted that the pins 29, which may be integral with the locking member 28 as shown, are of wood and consequently will operate in their bearing holes 30 for practically an indefinite time without getting out of order.

The space between the rear wall 10 and the locking member 28 afforded by my im-

proved locking mechanism is particularly advantageous when the board is being used. An instance of this is where a shirt is being ironed. After one sleeve is finished and it is desired to do the other sleeve and the main body of the shirt, one of the sleeves toward the cabinet may be permitted to fall over the end and thus be kept smooth. In using my improved ironing board and cabinet, it is only necessary to open the upper door, swing the ironing board out to the position shown in Figure 1 and turn the locking member 28 to locking position. After using, the locking member is released and the board swung rearwardly to the position shown in Figure 1. The upper door 18 holds the lower door 16 in closed position for the reason that the ironing board extends in the rear of the upper door and is held thereby.

While I have described in detail an embodiment of my invention, I desire to have it understood that I do not limit myself to

the exact showing made and that modifications and changes may be made without departing from the spirit of my invention and within the scope of the appended claim.

Having described my invention, what I claim is:—

In combination an ironing board, a cabinet therefor, a pin and slot connection between the inner end of the board and the cabinet for guiding and supporting the inner end of the board, a diagonally extending member for supporting the outer end of the board when in usable position and a locking member pivoted forward of the rear wall of the cabinet to lock the board in forward position, the locking means having its pivot axis below the surface of the ironing board and having its rear edge spaced from the rear wall of the cabinet.

In testimony whereof I hereunto affix my signature.

ALLEN P. WAGNER.