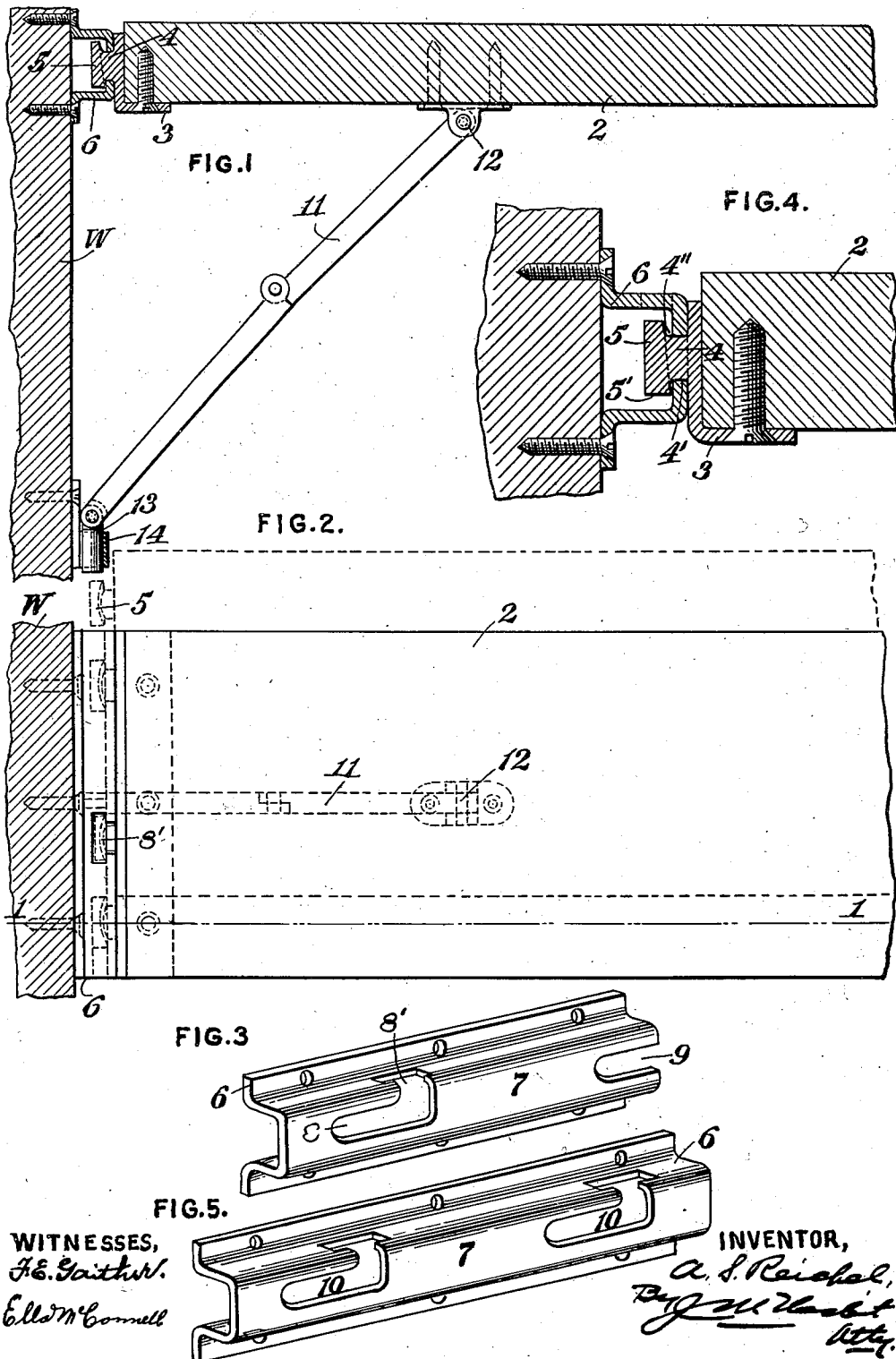


A. S. REICHEL.
IRONING BOARD.
APPLICATION FILED MAR. 3, 1910.

1,007,489.

Patented Oct. 31, 1911.



WITNESSES,
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By *[Signature]*
Att'y.

UNITED STATES PATENT OFFICE.

ALVIN S. REICHEL, OF POINT MARION, PENNSYLVANIA.

IRONING-BOARD.

1,007,489.

Specification of Letters Patent.

Patented Oct. 31, 1911.

Application filed March 3, 1910. Serial No. 547,030.

To all whom it may concern:

Be it known that I, ALVIN S. REICHEL, a resident of Point Marion, in the county of Fayette and State of Pennsylvania, have invented certain new and useful Improvements in Ironing-Boards, of which the following is a specification.

This invention relates to improved means for removably securing an ironing board to a wall or other support, the purpose being to provide for readily connecting and disconnecting the board; also to provide an improved brace for the board.

In the accompanying drawings, Figure 1 is a vertical section of the board in operative position, the plane of section being line 1—1 of Fig. 2. Fig. 2 is a top plan of the same. Fig. 3 is a detail of the socket-formed supporting member. Fig. 4 is a sectional detail of the connection between the board and support on a larger scale than Fig. 1. Fig. 5 is a modification of the socket-formed support.

Referring to the drawings, 2 designates an ironing board of usual or any preferred dimensions, and secured to one end thereof is the angular plate-like member 3, from which project outwardly the securing members each consisting of shank 4 and head 5. In the preferred construction the under portion 4' of shank 4 is shorter than the upper portion 4'', for the purpose presently to be described.

The board is supported primarily by a socket-formed member secured to a wall W or other sustaining means. In the present embodiment, the support consists of horizontal channel member 6, having its closed face 7 disposed outwardly and formed adjacent one end with the slot 8 of bayonet-slot form open through the upper face of channel member 6, as indicated at 8', while opening inwardly from the opposite end of the channel support is slot 9. Or in place of slot 9 the support may be formed with two bayonet slots 10 as in Fig. 5. The channel form of support provides a space behind wall 7 for heads 5, and with the support constructed as in Fig. 3, one head enters at 8' and the other behind front wall 7 at the open end of slot 9, as in dotted lines, Fig. 2, and then the board is moved hori-

zontally, as will be understood. With the construction of Fig. 5, both headed projections are lowered into the bayonet-slot sockets and the board moved horizontally to complete the connection.

The inner vertical sides of heads 5 are inclined so that the heads may be inserted in the slots of the supporting member with the outer end of the board lowered, and hence when the board is brought to horizontal position the lower edges of the heads clamp the portions of the support immediately beneath the slots, as shown in Fig. 4, the shanks of the heads being of such length that when the heads are inserted in the slots they lie close to the inner face of the support.

The board may be braced in its extended position by the jointed arm 11, having its upper end hinged at 12 to the under side of the board, and at its lower end having pin 13 pivoted thereto and removably entered in the vertical socket 14 secured to wall W. The parts are preferably so proportioned as to cause the brace arm to exert upward pressure of the board, raising the latter slightly and sufficiently to cause the lower thickened portion 5' of each head to cramp or bind the portions of wall 7 beneath the slots and thus hold the board from slipping horizontally and preventing it from being accidentally disconnected.

When not in use the board may be readily taken down and put out of the way, and when in position for ironing or other work it is securely fixed and stoutly supported.

I claim:

The combination of a supporting member formed with horizontal slots in its front face with space at the rear of the slots and with said slots open at corresponding ends, an ironing board, headed projections secured to one end of the board with the inner faces of the heads of said projections inclined upwardly and away from the board and thereby forming the upper parts of the shank portions of the headed projections longer than the lower parts thereof, the length of the lower parts of said shank portions being approximately the thickness of the slotted front wall of the supporting member, and a brace at the under side of

the board located outwardly from the supported end thereof and operating to sustain the board in such elevated position as to cause the lower portions of the heads to bind the front wall of the supporting member at the base of the slots and hold the board from moving horizontally.

In testimony whereof I affix my signature in presence of two witnesses.

ALVIN S. REICHEL.

Witnesses:

A. K. JENKINS,
W. S. DILLINGER.