

No. 650,366.

Patented May 29, 1900.

C. W. BLETHEN & F. J. LARSEN.
IRONING BOARD.

(Application filed Feb. 5, 1900.)

(No Model.)

Fig. 1.

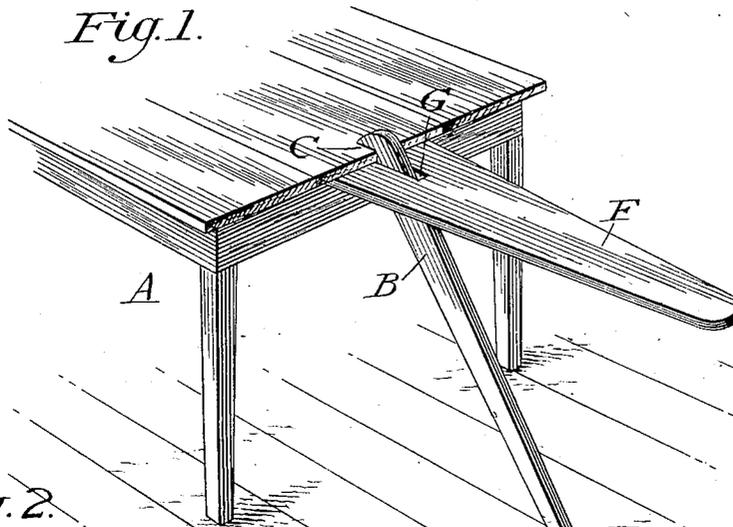


Fig. 2.

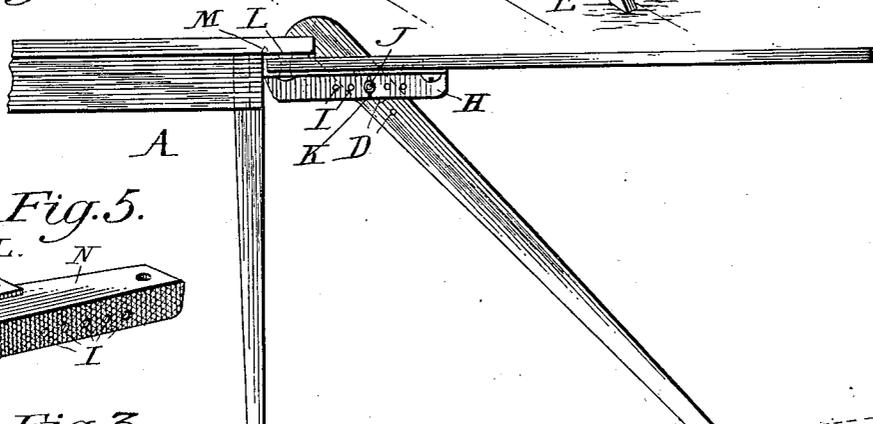


Fig. 5.

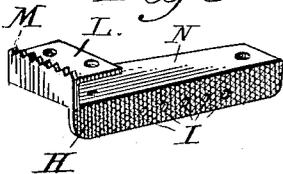


Fig. 3.

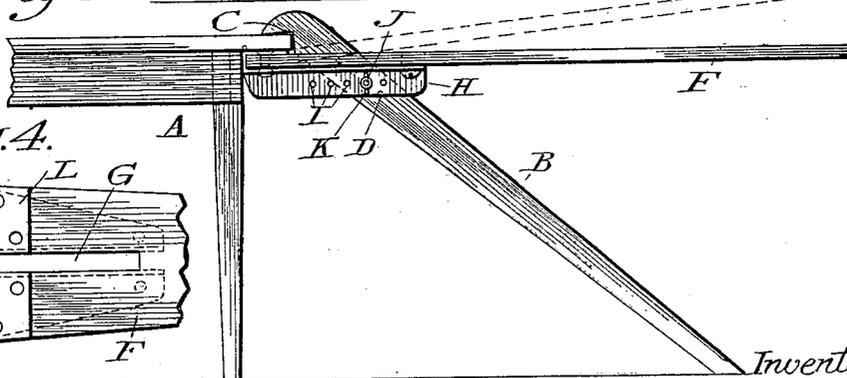
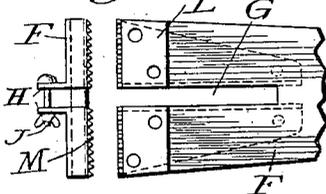


Fig. 4.



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UNITED STATES PATENT OFFICE.

CHARLES WILLIAM BLETHEN AND FRED JOHN LARSEN, OF MANNING,
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IRONING-BOARD.

SPECIFICATION forming part of Letters Patent No. 650,366, dated May 29, 1900.

Application filed February 5, 1900. Serial No. 4,133. (No model.)

To all whom it may concern:

Be it known that we, CHARLES WILLIAM BLETHEN and FRED JOHN LARSEN, citizens of the United States, residing at Manning, in the county of Utah and State of Utah, have invented certain new and useful Improvements in Ironing-Boards, of which the following is a specification.

The object of the invention is the production of an ironing-board which can be detachably secured to the edge of a table, a window-sill, a cleat fastened to the wall, or to any other suitable and convenient support, which shall be provided with means for adjusting and locking the parts in their relative positions when in use, which shall positively engage the object to which it is secured, so as to prevent side movement of the board, and which, withal, shall possess other and desirable features and characteristics constituting it a superior device for the purposes intended.

With the above object or end in view the invention consists in certain novelties of construction and combinations and arrangements of parts hereinafter set forth and claimed.

The accompanying drawings illustrate an example of the physical embodiment of the invention constructed according to the best of the several modes we have so far devised for the application of the principle.

Figure 1 is a perspective view of the ironing-board as a whole secured to a table. Fig. 2 is a side elevation view of Fig. 1. Fig. 3 is a side elevation view of the board secured to a table, the top of which is in a plane nearer the floor than that shown in Fig. 2. Fig. 4 illustrates the top surface of one end of the board and also an end view of the same. Fig. 5 is a perspective view of one of the brackets detached from the board.

Referring to the several figures, the letter A designates a table.

B is the fulcrum-bar; C, a notch or recess made at one end of the bar.

D represents a series of holes.

E is the end of the bar which rests in contact with the floor.

F is the ironing-board proper, in this instance tapered slightly in shape, as clearly shown in Fig. 1, and G is a slot made in one end of the board. On each side of the slot

and parallel with it are secured, by screws or rivets, two metallic brackets, each of the form illustrated by Fig. 5.

The letter H designates a flange extending the entire length of the bracket.

I represents a series of holes through the flange.

J is a headed and threaded bolt; K, a butterfly-nut; L, a plate of the form shown; M, a series of teeth located in a plane above the plane of the plate L, and N is a plate located in a plane below and parallel with plate L and at right angles to the flange H.

The brackets are preferably made integral, and each is secured to the board by bolts, rivets, or screws, the end of the board each side of the slot G fitting between the upper and lower plates L N of the bracket. The teeth M project slightly above the plane of the top surface of the plate L, as indicated in the views. Each flange H of the brackets is made thin or of quite limited thickness, so that when the ironing-board is adjusted and in use the butterfly-nut can be turned and compress the flanges against the fulcrum-bar, which closely and frictionally fits within the slot G of the board. When the bar is thus compressed between the flanges, the board cannot be raised in a vertical plane or revolved about the bolt J, and consequently there is no liability of the device becoming accidentally detached from its support. To obtain a firmer grip, the surfaces of the flanges in contact with the bar may be roughened or milled.

Another characteristic feature of the invention resides in the adjustability of the board and fulcrum-bar each to the other, so that attachment can be made to supports of different thicknesses and such as may be located in different planes or at different heights from the floor.

Figs. 2 and 3 illustrate the adjustment of the board and bar when attached to relatively high and low supports or tables. In Fig. 2 the bolt J is located in the second hole of the bar and the third hole of the brackets. Should the attempt be made to attach the device to a lower support, as in Fig. 3, the board F would occupy the position shown in dotted lines. By changing the bolt to the third hole of the bar and to the fourth hole of the bracket

ets the board is brought to a plane parallel with the floor. The formation of the two series of holes—one in the fulcrum-bar and the other in the brackets—provides for the attachment of the ironing-board to a great variety of convenient supports differing in thickness and in height from the floor.

From the foregoing it will be obvious that a device has been produced which fulfils all the conditions set forth as the object or end of the invention, besides possessing other desirable and novel characteristics and features.

While there has been illustrated and described only one example of the physical embodiment of the invention, it is not the intention to restrict the scope thereof to such single example, inasmuch as many changes can be introduced and modifications made without constituting a substantial departure.

What we claim as new, and desire to secure by Letters Patent, is—

1. The combination in an ironing-board, of a fulcrum-bar provided with a notch at one end, as C, and a series of holes, as D; a board, as F, slotted at one end and having attached

thereunto on each side of the slot brackets, each provided with a series of holes; and a bolt, as J, provided with a nut, as K; in substance as set forth.

2. The combination in an ironing-board, of a fulcrum-bar provided with a series of holes; and a board, as F, having brackets provided with a series of holes; each of said brackets having a series of teeth, M, whereby, when the board is adjusted, the same is held against side movement; in substance as set forth.

3. The combination in an ironing-board, of a fulcrum-bar and a board proper, as F; the said board being provided with two brackets and each bracket comprising a flexible flange, H, a plate, N, a plate, L, and a series of teeth, M; in substance as set forth.

In testimony whereof we affix our signatures in presence of two witnesses.

CHARLES WILLIAM BLETHEN.
FRED JOHN LARSEN.

Witnesses:

W. B. LA VIELLE,
LEIGH H. DUNNING.