

E. W. WARREN.
Ironing-Board Clamps.

No. 225,187.

Patented Mar. 2, 1880.

Fig. 1.

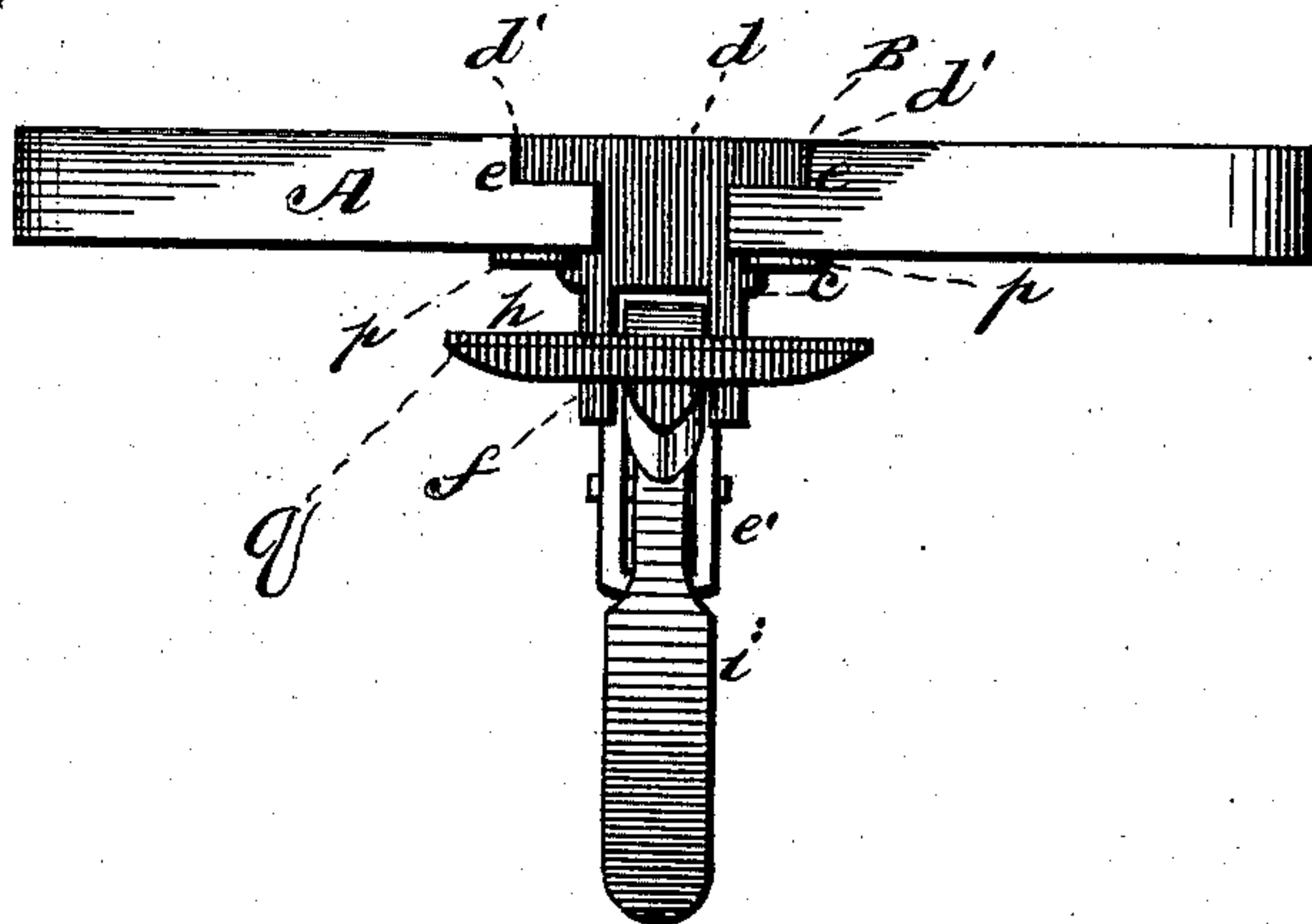
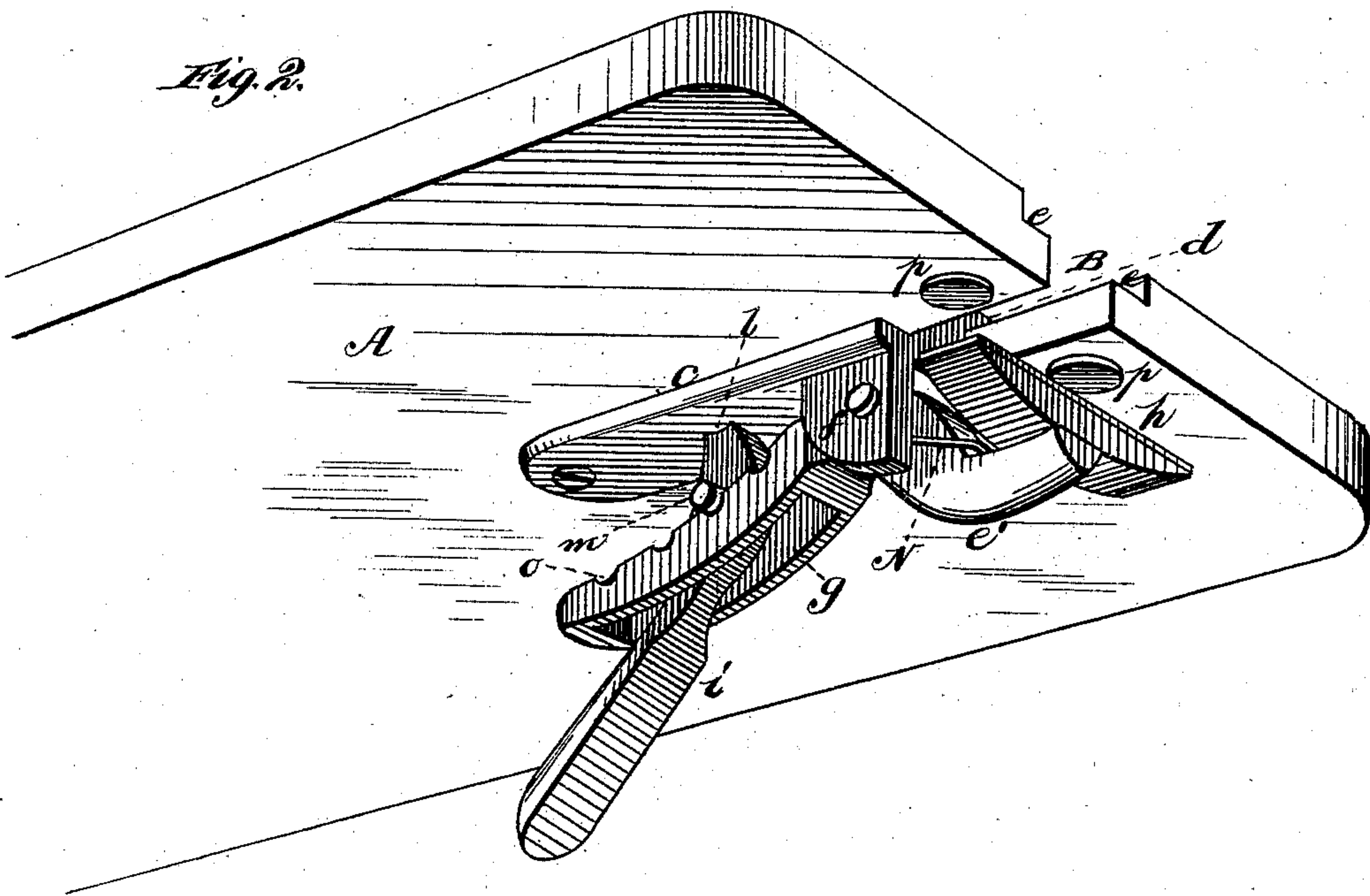


Fig. 2.



Witnesses.
Robert Smith
James J. Pheasant

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UNITED STATES PATENT OFFICE.

EDWIN W. WARREN, OF CAMBRIDGE, NEW YORK.

IRONING-BOARD CLAMP.

SPECIFICATION forming part of Letters Patent No. 225,187, dated March 2, 1880.

Application filed August 9, 1879.

To all whom it may concern:

Be it known that I, EDWIN W. WARREN, of Cambridge, in the county of Washington and State of New York, have invented certain new and useful Improvements in Ironing-Board Clamps; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of the bottom of my ironing-board clamp, and Fig. 2 is a perspective view of the same.

My invention relates to an improvement in ironing-board clamps; and it consists in the construction and arrangement of certain parts, as will be first fully described in the following specification, and next clearly defined in the claim.

Let A designate an ironing-board, and B a notch or mortise formed in one end thereof, for the purpose of retaining the clamping device in position on the board, as presently described. The bed-piece *c* of the clamping device is provided at its forward end with a block, *d*, which is adapted to fit into mortise B of the ironing-board, and the said block *d* is provided with flanges *d'*, which fit into the rabbeted portions *e* of the table, alongside of the mortise. These said means maintain the forward end of the bed-piece *c* securely in position, while the rear end of the same is held firmly to the under side of the ironing-board by means of a suitable screw or bolt.

The lever or clamp-bar *e'* is pivoted to bearings *f*, and is formed with a slot, *g*, at one end, and a flat cross-piece, *h*, at the other. A cam-lever, *i*, is loosely fitted through slot *g*, so as to have play from end to end of the

same, and it is formed with a concavity, *l*, which insures its bearing upon the bed-piece *c*, and a pin or bolt, *m*, which acts upon the clamp-bar when the cam-lever is operated.

N is a spring secured to the bearings *f*, and arranged to depress that end of the clamp-bar which carries the clamping-piece *h*, so that the slotted end of the said clamp-bar will be maintained in contact with the pin *m* of the cam-lever.

In order to adjust this clamping device to tables having tops of varying thicknesses, I form a series of notches, *o*, upon the clamp-bar, alongside of the slot, so that when the cam-lever has been shifted to the requisite position in the slot the pin will fit into the notches at such point, and hence determine the extent to which the cross-piece or jaw of the clamp-bar may be opened.

The board A is provided with elastic cushions *p*, and the clamp-piece *h* with an elastic cushion, *q*, so that when the board is clamped upon the edge of a table there will be no injury to the same.

What I claim, and desire to secure by Letters Patent, is—

In a clamping device for securing ironing-boards to table-tops, the bed-piece C and the pivoted clamp-bar *e'*, formed with a slot, *g*, notches *o*, formed in the bar, and the cam-lever passed through the slot, and having the pin *m* adapted to fit into the notches, as herein specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

EDWIN W. WARREN.

Witnesses:

MARTIN H. ROBERTSON,
CLARK WEIR.