

(No Model.)

C. W. RICHARDSON & C. F. GALLOWAY.
IRONING BOARD.

No. 436,436.

Patented Sept. 16, 1890.

Fig. 1

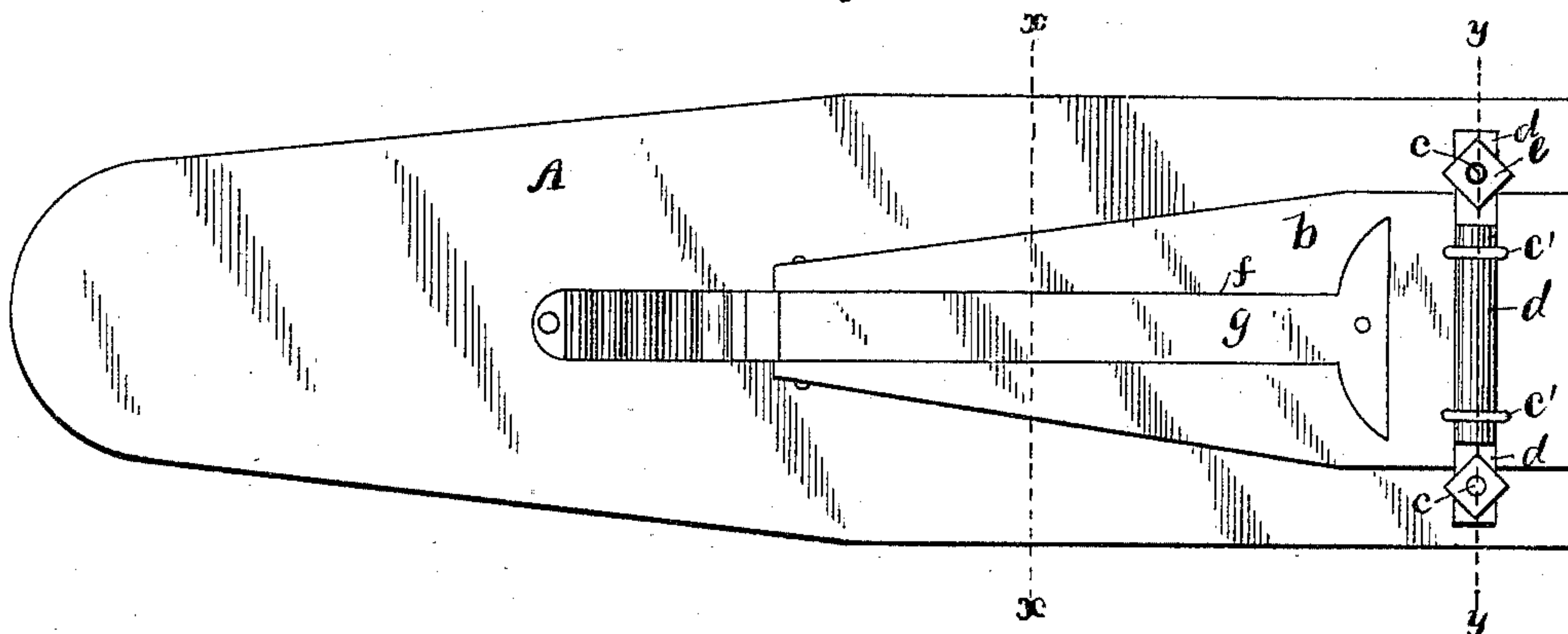


Fig. 2

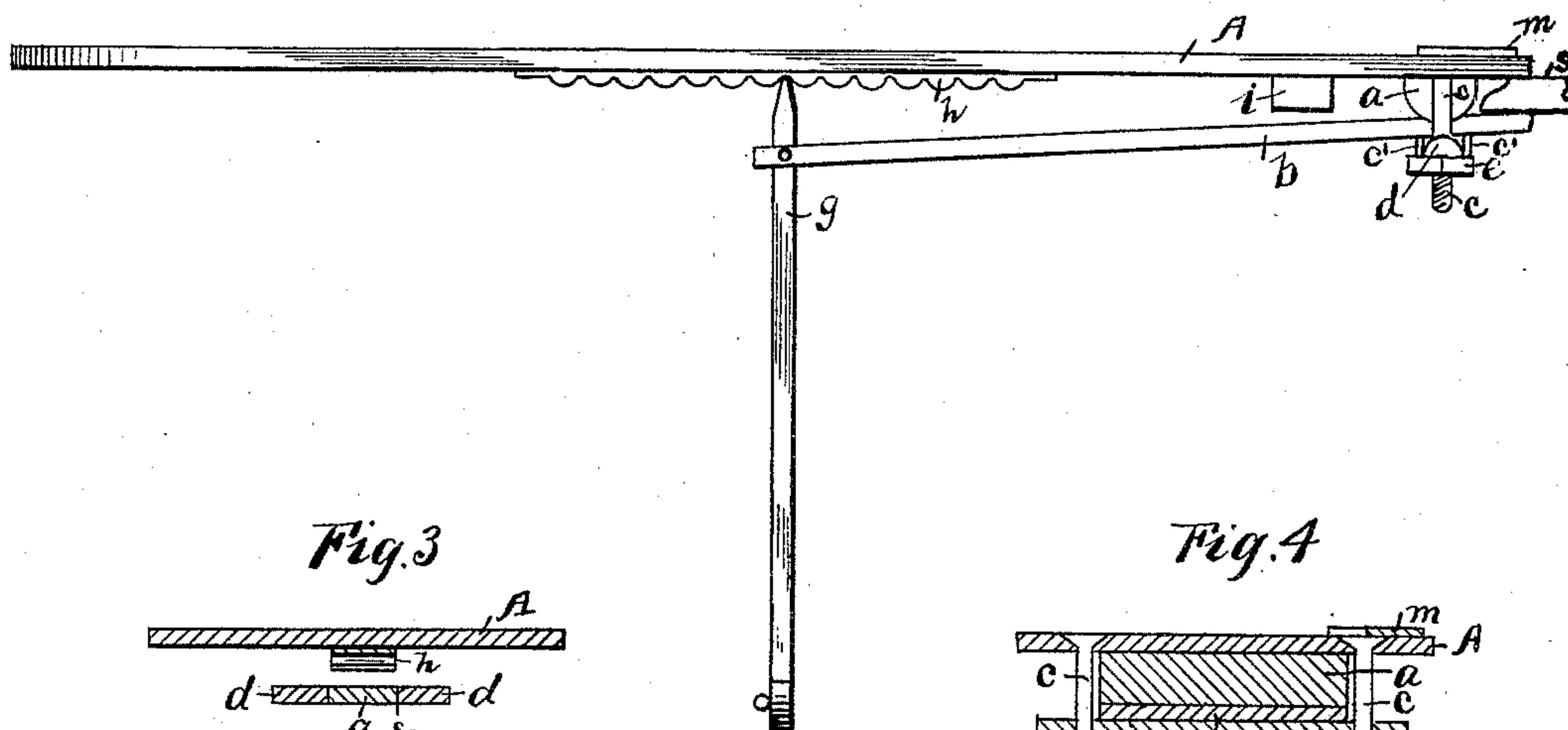


Fig. 3

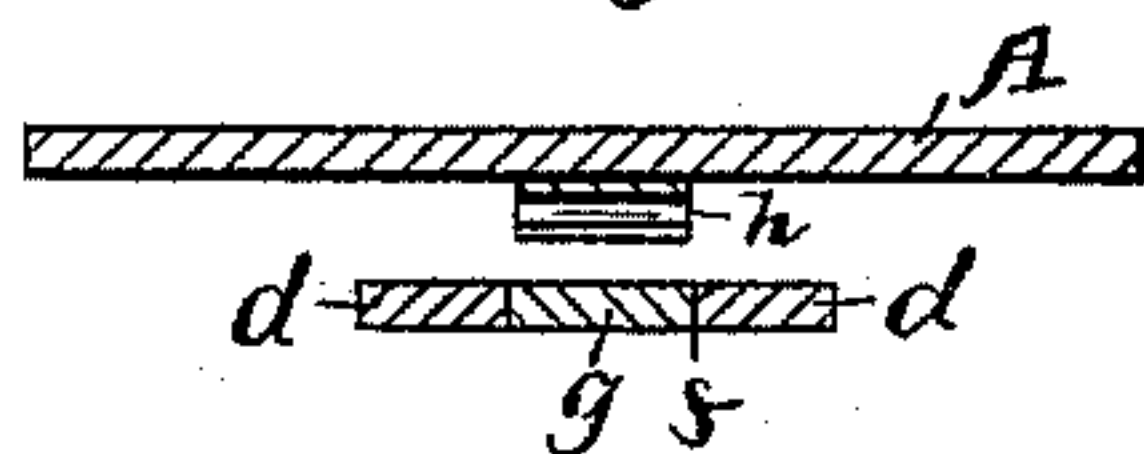
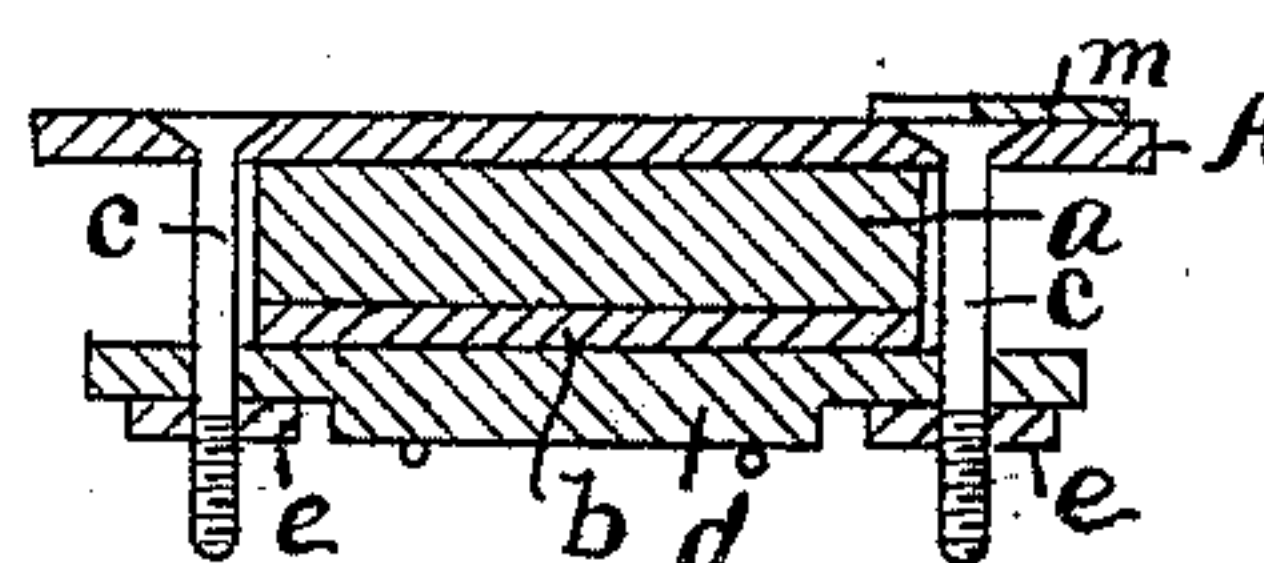


Fig. 4



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IRONING-BOARD.

SPECIFICATION forming part of Letters Patent No. 436,436, dated September 16, 1890.

Application filed January 25, 1890. Serial No. 338,154. (No model.)

To all whom it may concern:

Be it known that we, CHARLES W. RICHARDSON and CHARLES F. GALLOWAY, citizens of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented a certain new and useful Improvement in Ironing-Boards, of which the following is a specification.

Our invention relates to an ironing-board of that class in which means are provided for connecting the same with the projecting edge of a table or window-sill or other article of furniture.

The objects of our invention are to provide a superior form of ironing-board, of such construction as to admit of its being readily and securely connected with the projecting edge of a table or other article of furniture, to admit of making said connection with tables of different heights and at the same time support the board on a level therewith, to provide means for the adjustment of the device for its connection with articles of different thicknesses, to admit of the parts forming said board being folded into a compact form, and to construct said device in a simple and inexpensive manner. These objects we accomplish in the manner illustrated in the accompanying drawings, in which—

Figure 1 is an under side view of our improved board when folded. Fig. 2 is a side elevation of the same when open and attached to the edge of a table. Fig. 3 is a transverse section taken on line *x x* of Fig. 1. Fig. 4 is a sectional view taken on line *y y* of Fig. 1.

Similar letters refer to similar parts throughout the several views.

A represents an ironing-board, which, as shown, may be of the usual form. Secured transversely against the under side of the board, a short distance from its wider or rear end, is a cleat *a*, said cleat being somewhat shorter than the width of the board and having a rounded lower side, as shown. Supported against the under side of the cleat *a*, in contact therewith, as hereinafter described, is the forward portion of a rearwardly-extending arm *b*. Extending downward through the board A, on each side of the arm *b* and past each end of the cleat *a*, is a bolt *c*. These

bolts have their lower screw-threaded ends passing, respectively, through bolt-holes formed in the ends of a transverse rod *d*, which extends beneath and bears against the under side of the arm *b*, vertically beneath the cleat *a*, in which position said rod is held by nuts *e* on the bolts *c*, and by staples *c'*, which embrace said rod and which extend upwardly into the arm *b*. The upper face of the arm *b* has formed therein a central longitudinal slot *f*, which extends from its forward end to a point in its rear half, where it terminates in an enlargement of the desired form. Pivoted within the mouth of the outer end of the slot *f*, near one of its ends, is a brace-leg *g*. This leg is of such length and form as to fit neatly when folded flush therewith within the slot *f*, the enlarged rear end or foot of said leg entering the enlarged rear end of said slot. The projecting end of the pivoted portion of the leg *g* is provided with a rounded point, as shown. Secured longitudinally to the under side of the board A, at the central portion thereof, is a rack or notched plate *h*. Secured to the under side of the board A, at a point opposite the enlarged rear end of the slot *f*, is a small bearing-block *i*, which, when the leg is folded within the slot, forms a bearing for the foot of the former and holds it flush with the surface of the arm *b*. Any desired form of iron support may, as shown at *m*, be secured to the upper side of the board at the proper point thereon.

The operation of our device is as follows: When not in use, the parts may be folded in the position shown in Fig. 1 of the drawings—that is, the leg being within its slot and flush with the arm *b*, and the latter being in a position beneath and approximately parallel with the under side of the board A. With the parts in this position it will be observed that the device will occupy but a comparatively small space when not in use, and the packing of the same for shipping will be greatly facilitated.

In using our board, the rear ends of the board A and arm *b*, beyond the cleat *a*, are made to embrace the edge of the table *s* or other projection, as shown in Fig. 2 of the drawings. The leg is then let down, its foot

resting upon the floor and its upper end thus caused to engage with one of the notches of the rack *h*. In thus manipulating our device, the arm *b* is slightly inclined, as shown
5 in Fig. 2 of the drawings, causing its rear clamping end or jaw to press upward against the table *s*, and thereby increase the firmness of the attachment thereto. In case the height of the table should demand it, the leg *g* may
10 be set at a different angle with the board than that shown, in order to bring said board to a horizontal position.

From the construction herein shown, it is obvious that the leg *g* will act as a brace, which,
15 in conjunction with the connection of the table and board, will serve to hold said board in a firm and rigid manner.

It is obvious that the construction of parts herein shown and described is such as to admit
20 of an ordinary ironing-board being provided with the clamping and bracing parts of our device, and that the same may be accomplished at a reasonable cost.

In case it is desired to increase the space
25 between the clamping ends of the board and arm to adjust it for connection with tables or

other projections of a greater thickness, this may be readily accomplished by turning down the nuts *e*, and thus lowering the board-arm *b*.

Having now fully described our invention, 30 what we claim, and desire to secure by Letters Patent, is—

1. In an ironing-board, the combination, with the board *A* and its rack-plate *h*, of an arm *b*, hinged beneath the forward portion of 35 said board, and a brace-leg *g*, pivoted, as described, in the forward end of said arm and having its upper end adapted to be engaged with the rack *h*, substantially as specified.

2. In an ironing-board, the combination, 40 with the board *A* and its bottom rack-plate *h*, of the arm *b*, hinged, as described, beneath the forward portion of the board, and having a central slot *f*, and brace-leg *g*, pivoted, as described, in the rear end of said slot and 45 adapted to engage with the rack-plate *h*, substantially as described.

CHARLES W. RICHARDSON.

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In presence of—

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