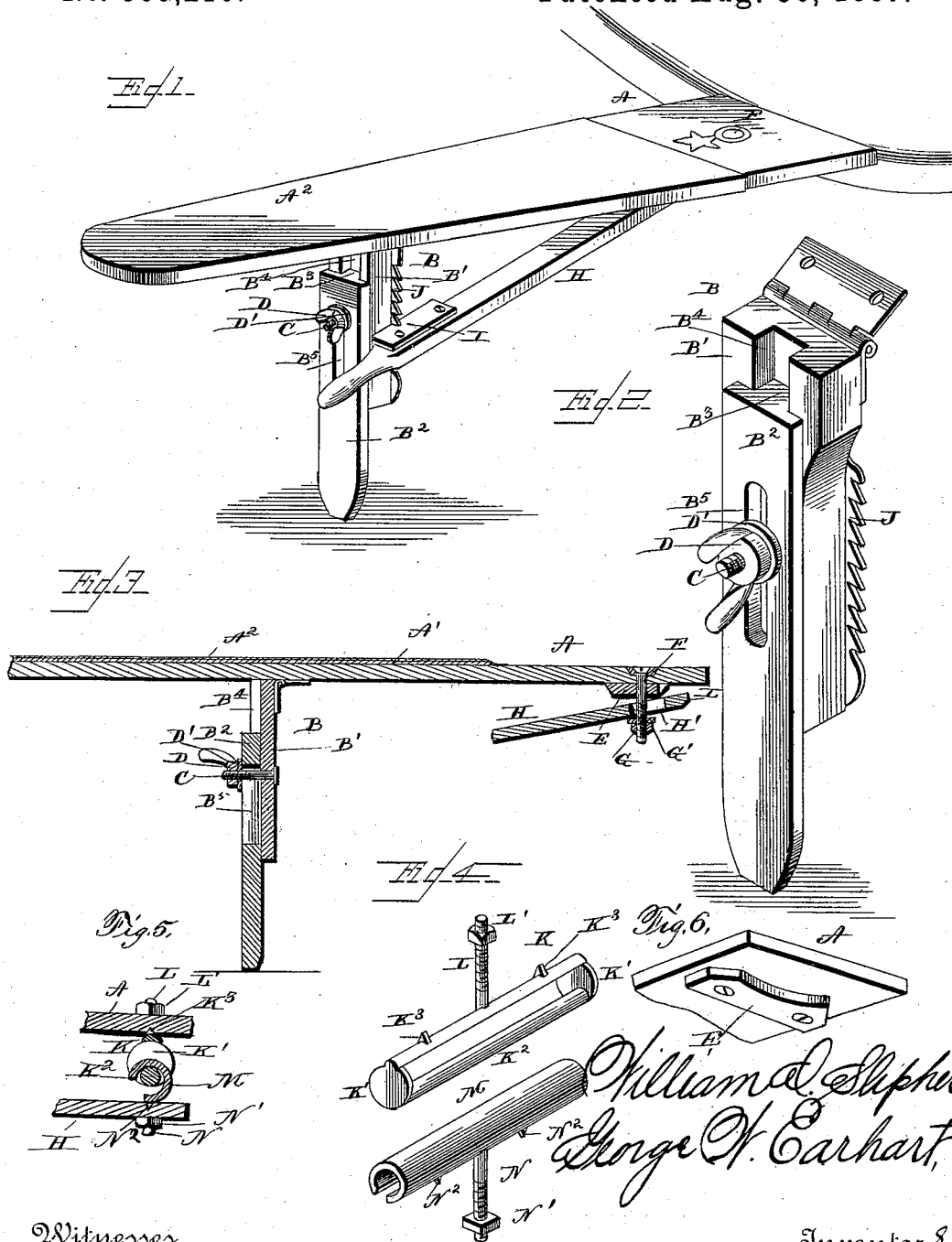


(No Model.)

W. I. SLIPPER & G. W. EARHART.
IRONING BOARD.

No. 369,210.

Patented Aug. 30, 1887.



Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM I. SLIPHER AND GEORGE W. EARHART, OF MULBERRY, INDIANA.

IRONING-BOARD.

SPECIFICATION forming part of Letters Patent No. 369,210, dated August 30, 1887.

Application filed March 19, 1887. Serial No. 231,497. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM I. SLIPHER and GEORGE W. EARHART, both residents of Mulberry, in the county of Clinton and State of Indiana, have invented certain new and useful Improvements in Ironing-Boards; and we do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of our improved folding adjustable ironing-board, showing the adjustable leg of the same unfolded. Fig. 2 is a detail view of the adjustable leg of the ironing-board. Fig. 3 is a longitudinal vertical sectional view taken through the center of the ironing-board. Fig. 4 is a detail view of a modified form of hinge for the locking-lever. Fig. 5 is a vertical sectional view of the hinge, shown in Fig. 4 in the position it occupies when in use; and Fig. 6 is a detail view of the under side of the ironing-board, showing the concaved or rounded cross-piece.

The same letters of reference indicate corresponding parts in all the figures.

Our invention consists in an improved adjustable folding ironing-board, which will be hereinafter fully described, and claimed.

Referring to the several parts by letter, A indicates the flat board or ironing-board proper, the upper operative side of which is preferably covered first with a layer of sheet cotton, A', over which is secured a covering, A'', of muslin or similar material.

B indicates the folding supporting-leg of the ironing-board, consisting of the hinged section B', the upper end of which is hinged to the lower side of the board A, at a suitable distance from the outer end of the same, and the adjustable section B'', which is formed on one side with the longitudinal feather or rib B'', which fits and slides in a longitudinal groove, B', formed on the outer side of the hinged section B', the adjustable section B'' being further formed with the longitudinal central slot, B'', through which passes a bolt, C, which is mounted at its headed end transversely in the hinged section B', and by tight-

ening a thumb-nut, D, on the threaded extremity of the bolt, and between which and the outer face of the adjustable section a washer, D', is placed, the adjustable section is secured in its adjusted position.

It will be seen that the length of the leg may be adjusted to raise or lower the ironing-board, as desired and that the longitudinal rib of one section fitting and sliding in the longitudinal groove of the other section will effectually prevent the adjustable section from turning or slipping laterally on the retaining-bolt C.

To the under side of the ironing-board, near the inner end of the same, is secured a cross-piece, E, the outer edge of which is concaved or rounded, as shown, and a bolt, F, passes through the inner end of the ironing-board and through this cross-piece E, and has its lower end threaded.

H indicates the locking-lever, which is formed with the longitudinal slot H', through which the lower part of the bolt F passes, the lever being thus adjustably mounted on the said bolt, and is held in its adjusted position by means of a nut, G, turning on the threaded lower end of the bolt, a washer, G', being placed on the bolt between the said nut and the lower face of the lever. The handle of this lever extends back of the leg B and has secured to it, at a point registering with the said leg, a catch-plate, I, or a corresponding catch may be formed integral with the lever if the latter should be made of metal; but I prefer to make this lever of wood. This catch is adapted to engage with any of the teeth of a rack, J, secured to the side of the hinged section B' of the folding leg.

To adjust the ironing-board ready for use the inner end thereof is rested upon the edge of the side or end of a table, with the outer edge of the cross-piece E bearing against the edge of the table, and, as this edge of the cross-piece is curved or rounded, as described, it will fit against the edge of either a square or round table, and the nut G on the threaded lower end of the bolt F having been screwed up so as to just admit the edge of the table conveniently between the end L of the lever and the under side of the ironing-board, the handle of the lever is drawn down, so as to press the said end of the lever firmly against the under side of

the table, the slot in the lever permitting of its handle being thus depressed, and the lever then turns, as it were, on the forward lower edge of the cross-piece with its forward end bearing against the table and its under side, back of the edge of the cross-piece, bearing firmly against the washer and nut G' G, and when these points are firmly in contact the handle of the lever can be moved or "sprung" a little farther down and its catch-plate I engaged with one of the teeth of the rack J on the folding leg, the "spring" of the lever-handle thus effectively holding the lever in its locked position and preventing its catch-plate I from slipping from under the rack-tooth. The inner end of the ironing-board having been thus secured or locked to the edge of the table, the length of the leg, which is then folded down, is adjusted by loosening the thumb-nut D and sliding the adjustable section B' up or down, as required, until the lower end of the adjustable section rests upon the floor, when the thumb-nut is tightened and the leg thus locked at its adjusted length.

In Fig. 4 of the drawings we have shown a modification or different form of hinge between the lever and the ironing-board. In this form K indicates a casting having a screw or bolt, L, which passes up through an aperture in the ironing-board near the inner end thereof and is secured in place by a nut, L', the upper side of the casting being formed with projections or teeth K², which sink into the wood of the board and assist in holding the casting in position. The casting is formed with the downwardly-extending side lugs, K', which are connected by the longitudinal rod K². This casting K constitutes the upper half of the hinge, and M indicates the lower half of the hinge, consisting of a sleeve having a screw-bolt, N, the sleeve being cut open along one side to adapt it to be placed on, encircling the rod K² of the upper casting before the said upper cast-

ing is secured in its operative position. The castings are thus hinged together and the upper casting secured to the ironing-board, and the lever is secured to the lower casting by passing the screw-bolt N of the said casting through an aperture in the lever and tightening a nut, N', on the threaded end of the said bolt, the sleeve M being formed with teeth N² on its lower side, which enter the wood of the lever, and thus assist in securing it in place.

From the foregoing description, taken in connection with the accompanying drawings, the construction, operation, and advantages of my improved adjustable folding ironing-board will be readily understood. It will be seen that the ironing-board can be folded up so as to occupy but little space when not in use, and that it can be adjusted and secured to a table in its operative position in a few moments, thus making an exceedingly strong, simple, and convenient ironing-board.

Having thus described our invention, what we claim, and desire to secure by Letters Patent of the United States, is—

1. The combination, with the ironing-board, of the hinged lever having the catch on its handle, and the folding leg having the rack secured to it, substantially as set forth.

2. The combination, with the ironing-board, of the cross-piece having the curved outer edge, the screw-bolt passing through the board and the said cross-piece, and the nut working on the same, the lever formed with the longitudinal slot and having the catch on its handle, and the folding leg having the rack-plate.

In testimony that we claim the foregoing as our own we have hereunto affixed our signatures in presence of two witnesses.

WILLIAM J. SLIPHER.
GEORGE W. EARHART.

Witnesses:

JAMES R. SWEET,
JOHN CRAIG.