

(No Model.)

J. T. KING.
IRONING BOARD.

No. 260,210.

Patented June 27, 1882.

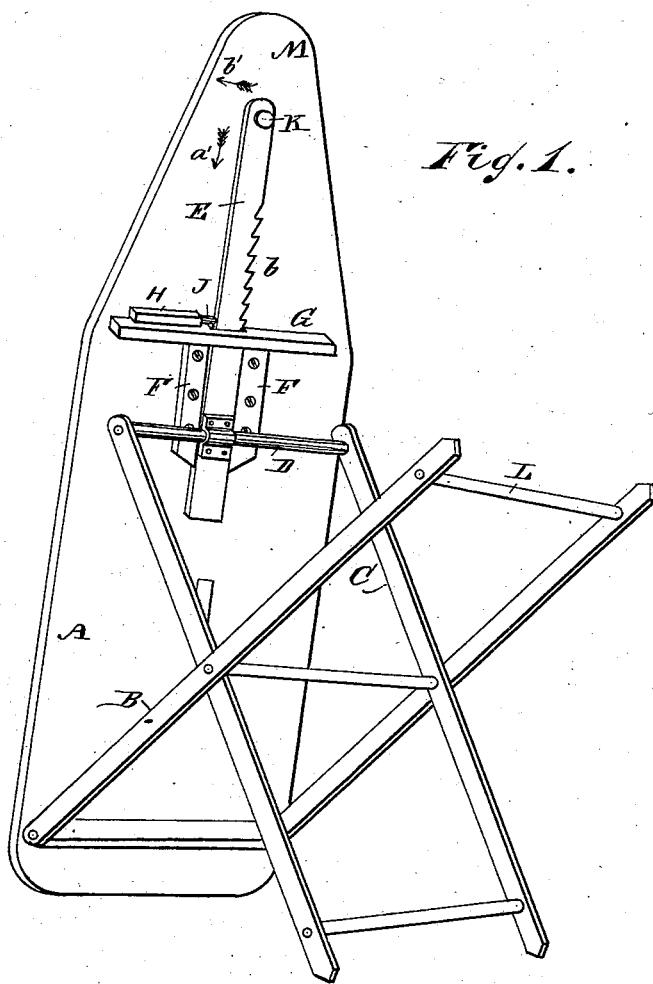


Fig. 1.

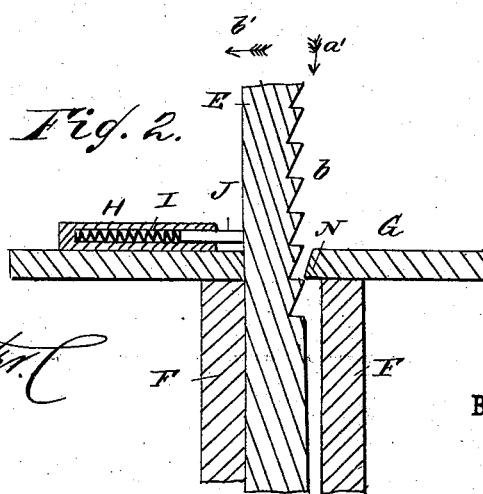


Fig. 2.

WITNESSES:

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INVENTOR:

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UNITED STATES PATENT OFFICE.

JAMES T. KING, OF FOWLER, IND., ASSIGNOR OF ONE-HALF TO JOSEPH H. AND GEORGE S. HARTLEY AND ISAAC H. PHARES, ALL OF SAME PLACE.

IRONING-BOARD.

SPECIFICATION forming part of Letters Patent No. 260,210, dated June 27, 1882.

Application filed April 24, 1882. (No model.)

To all whom it may concern:

Be it known that I, JAMES TAYLOR KING, of Fowler, in the county of Benton and State of Indiana, have invented a new and Improved 5 Ironing-Board, of which the following is a full, clear, and exact description.

The object of my invention is to facilitate raising or lowering an ironing-board and locking the same in position when raised or lowered.

The invention consists of the combination and arrangement of the parts substantially as hereinafter more fully set forth and claimed.

Reference is to be had to the accompanying 15 drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a perspective view of the under side of my improved ironing-board. Fig. 2 is 20 a detail longitudinal sectional view of the locking mechanism of the same.

The ironing-board A, of the usual shape and construction, is supported by two crossed pivoted pairs of legs, B and C, of which the upper 25 ends of the legs B are pivoted to the under side of the board A at one end, and the upper cross-rod, D, of the pair of legs C is pivoted to the under side of a ratchet-bar, E, adapted to slide longitudinally on the under 30 side of the board A between two guide-strips, F.

The teeth b of the ratchet-bar are beveled toward the free end of the bar E. The distance between the guide-strips F is slightly greater than the width of the ratchet-bar E, 35 so that this ratchet-bar E can be slightly moved sidewise between the guide-strips F. The ratchet-bar E also passes through the aperture of a transverse strip, G, forming a tooth or projection, N, at the front ends of the guide-strips F. A longitudinal box or tube, H, is 40 fastened to the outer side of the transverse strip G, and contains a spiral spring, I, and

at one end a pintle, J, which is pressed by the spring I against the smooth longitudinal edge of the ratchet-bar E, thus pressing the notched 45 or serrated edge of the ratchet-bar E against the projection or tooth N. A button, K, is attached to the free end of the ratchet-bar E.

The operation is as follows: If the ironing-board is to be raised, the foot is placed on the lower cross-bar, L, of the legs C, and the board is raised at M, the ratchet-bar E moving between the guides F in the direction of the arrow a'. This ratchet-bar E is always locked in position by the latch-pintle J, which presses 55 the serrated edge of this ratchet-bar against the projection or tooth N, thereby preventing a movement of the ratchet-bar E in the inverse direction of the arrow a', and thus preventing lowering of the ironing-board. If the ironing-board is to be lowered, the outer end of the ratchet-bar E is moved in the direction of the arrow b' to disengage its serrated edge from the projection or tooth N and permit a movement of this ratchet-bar in the inverse 60 direction of the arrow a'. As soon as the ratchet-bar E is released the spring I and pintle J press its serrated edge against the tooth or projection N, and thereby the board will be locked in lowered position.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination, with the ironing-board A, of the crossed pivoted legs B and C, the ratchet-bar E, to which one pair of legs is pivoted, the guides F, the cross-bar G, forming a tooth, N, the longitudinal box or tube H, the spring I, and the pintle J, substantially as herein shown and described, and for the purpose set forth. 80

JAMES T. KING.

Witnesses:

CHARLES HOLTAM,
L. A. WARDEN.