(No Model.)

J. F. WHITE.

IRONING BOARD.

No. 450,210. Patented Apr. 14, 1891.

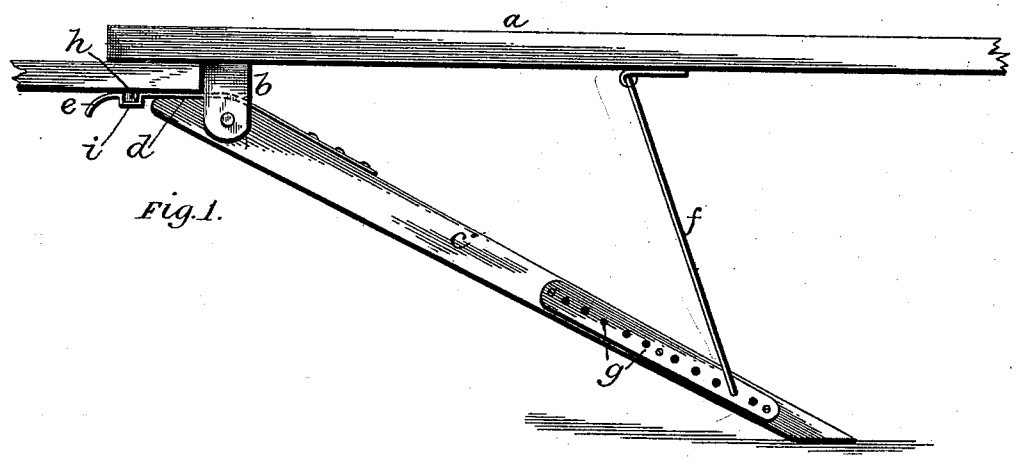

Fig. 1.

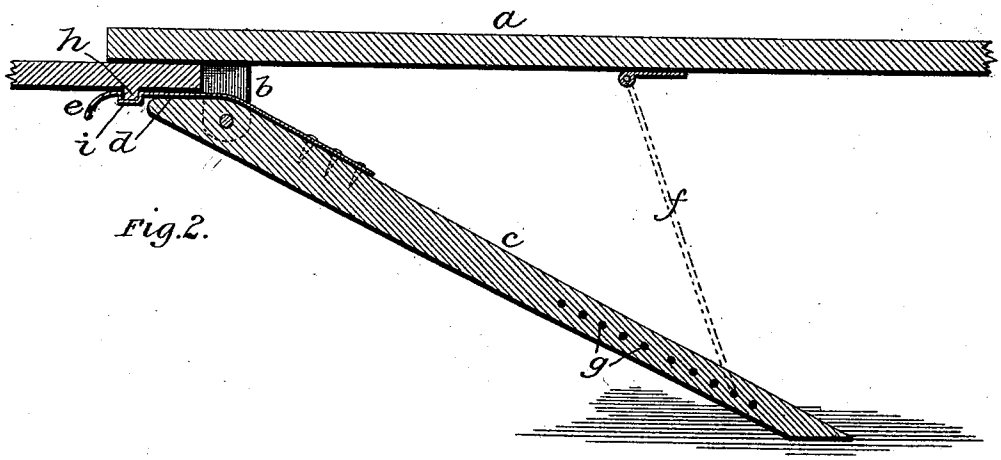

Fig. 2.

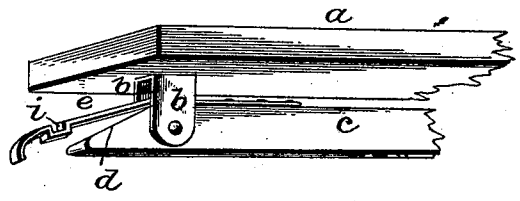

Fig. 3.

WITNESSES:

Wm. I. Norton

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UNITED STATES PATENT OFFICE.

JAMES F. WHITE, OF COLUMBUS, OHIO.

IRONING-BOARD.

SPECIFICATION forming part of Letters Patent No. 450,210, dated April 14, 1891.

Application filed February 24, 1890. Serial No. 341,492. (No model.)

To all whom it may concern:

Be it known that I, JAMES F. WHITE, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented new and useful Improvements in Ironing-Boards, of which the following is a specification.

My improved ironing-board is adapted for attachment to a table-leaf or suitable support, and it provides a novel construction of spring-clamp and prop-support, whereby the ironing-table may be clamped to table-leaves of different thicknesses.

I provide a clamping-spring which may be latched over and to a rib or cleat on the under side of the table to secure the board against any possible lengthwise movement upon the table.

The accompanying drawings illustrate my improvement, in which—

Figure 1 is a side elevation showing the ironing-board as it is attached to a table-leaf. Fig. 2 is a longitudinal vertical section of the same, and Fig. 3 shows a portion of the ironing-board and its spring-clamp prop-support in folded relation.

I provide the under side of the board *a*, which is of the usual form, with a bracket-hanger of two ears *b b*, secured to the under side of the board near that end which is to be clamped to the table, and the support or prop *c* is pivoted at its end to and between these ears. This end of the prop extends beyond the ears a short distance and terminates in a bevel *d*, which faces the board. The prop is pivoted so as to leave a space between its beveled end and the board to provide for placing the board upon the table, so that the beveled end of the prop will bear against the under side of the table. This construction also provides for securing a plate-spring *e* to the upper side of the prop, so as to extend between the ears and beyond the end of the prop, so that it will stand at this end free of the prop and in such relation to its beveled end as to form a strong clamp against the under side of the table when brought into action by the pressure of the beveled end of the prop, which is caused to bear against the under side of said spring when the prop is supported upon the floor. The free end of the spring is bent downward, so that it will readily pass or slip under the table in applying the board, and when clamped to the table-leaf the tension of the spring under the clamping action of the prop will hold the board upon the leaf. The clamping device is held in operative position by means of a brace-rod *f*, pivoted to the under side of the board near its outer end and adapted to engage into holes *g* in the side of the foot part of the prop, which holes may be made in a plate fastened to the prop to receive the bent end of the brace. This construction of clamping-spring, prop, and brace adapts the board to be firmly clamped to table-leaves of different thicknesses.

To secure the board against any possible slipping on the table endwise, I provide a rib or cleat *h* on the under side of the table, standing parallel with its edge and a short distance back of it, and make an indentation or socket *i* across the upper side of the spring in that portion of its free end which extends just beyond the beveled end of the prop, so as to engage the said cleat, and thus secure the board upon the table by the combined action of the clamping-spring and the table-cleat.

To render the engagement of the spring with the table-cleat certain, the bracket-ears are caused to form a stop against the table, so as to cause the bend or shoulder in the spring to engage the table-cleat. As the shoulders of the latch device stand at right angles to the length of the board, they act as stops against any tendency of the board to turn, and in this function the bracket-hanger co-operates by its abutting action upon the edge of the table, while at the same time the latch device holds the board against any tendency to slip off the table endwise under the ironing action.

I claim as my improvement—

1. In an ironing-board, the prop *c*, having the plate-spring secured at one end only to the upper side of said prop and extending free over the beveled end of said prop, in combination with the board, the divided hanger *b*, and the pivoted brace-rod *f*, the said brace-rod acting to lock the prop against the force of its spring, as shown and described.

2. The combination, with the ironing-board having the divided bracket-hanger, of the prop-support pivoted to said hanger and having a beveled end extending beyond the same, the spring connected to and extending over and beyond the said beveled end of the prop, the pivoted brace, and a latch device for fastening the board to a table, consisting of a bend on the free end of the spring and a rib or cleat on the under side of the table for preventing endwise movement of the board on the table, as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

JAMES F. WHITE.

Witnesses:
BENJ. F. MARTZ,
ALLEN S. FELCH.