No. 775,070. PATENTED NOV. 15, 1904.

I. SPURLIN.

EXTENSION IRONING TABLE OR BOARD.

APPLICATION FILED FEB. 29, 1904.

NO MODEL.

Fig. 1.

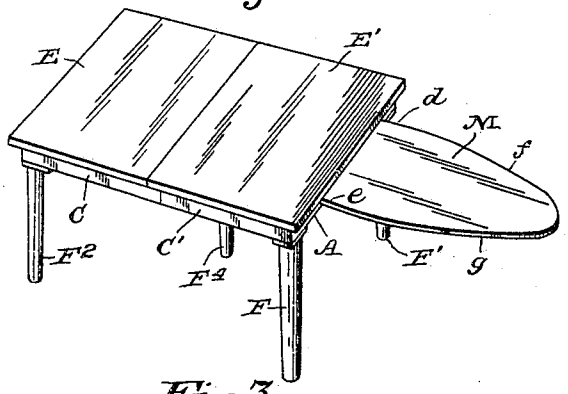


Fig. 2.

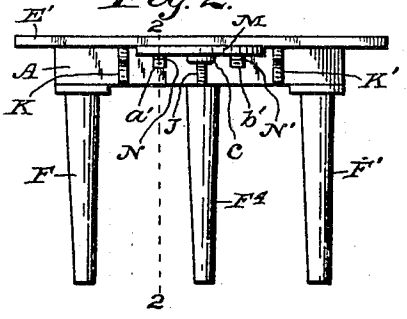


Fig. 3.

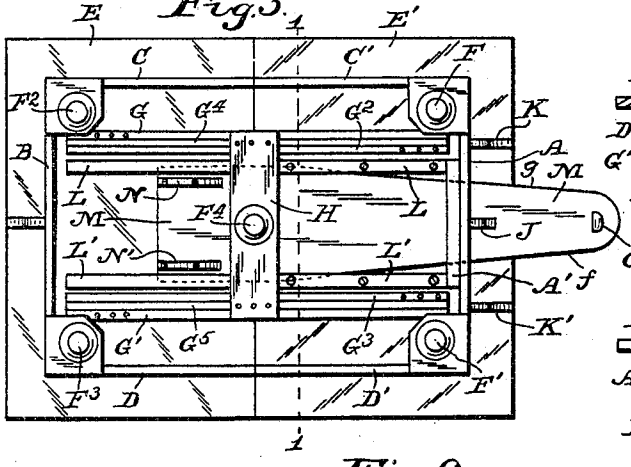


Fig. 4.

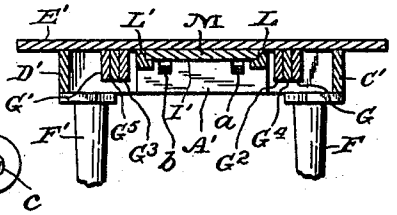


Fig. 5.

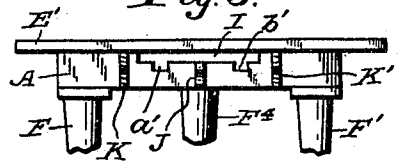


Fig. 6.

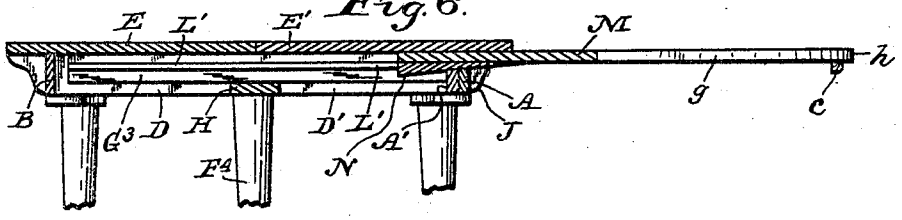
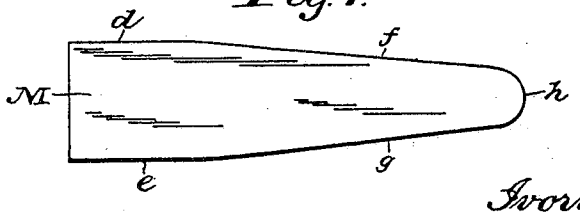


Fig. 7.



Witnesses:

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No. 775,070. Patented November 15, 1904.

UNITED STATES PATENT OFFICE.

IVORY SPURLIN, OF MARIETTA, INDIANA.

EXTENSION IRONING TABLE OR BOARD.

SPECIFICATION forming part of Letters Patent No. 775,070, dated November 15, 1904.

Application filed February 29, 1904. Serial No. 195,714. (No model.)

To all whom it may concern:

Be it known that I, IVORY SPURLIN, a citizen of the United States, residing at Marietta, in the county of Shelby and State of Indiana, have invented new and useful Improvements in Extension Ironing Tables or Boards; and I do declare the following to be a full, clear, and exact description of the invention, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to the class of ironing tables or boards that are adapted to be kept permanently in the places where they are customarily to be used—as, for instance, in kitchens or in laundering-rooms of dwellings; and the invention has reference particularly to combined tables on which large articles may be ironed and extensible ironing-boards on which other articles may be ironed, such as garments that require the boards to extend through them.

The object of the invention is to provide appliances of the above-mentioned character which may be cheaply produced and be always conveniently at hand without requiring that the boards be stowed away in out-of-the-way places when not in use, a further object being to provide supports for ironing-boards which may be used not only as ironing-tables, but for other purposes, and thus avoid the expense of special stands or supports for the boards that would be useless for other purposes than supporting the boards when used.

A still further object is to provide an ironing-board which may be readily mounted on such tables as may be in use in households, thus saving the expense of more elaborate types of ironing-boards that require peculiar stands and at the same time supplying an improvement over the plain board having no connected supporting means.

With the above objects in view the invention consists in a table of novel construction provided with a novel form of ironing-board so mounted under the top of the table as to be extensible with respect to the table and adapted to be quickly retracted under the table when not required for use; and the invention consists, further, in the novel parts and in the novel combinations and arrangements of parts, as hereinafter particularly described and claimed.

Referring to the drawings, Figure 1 is a perspective view of a table having the improvements applied thereto, the board being extended; Fig. 2, an end elevation of the table and board; Fig. 3, an inverted plan of the table and board, the latter being partially extended; Fig. 4, a fragmentary transverse sectional view as at the plane of the line 1 1 in Fig. 3; Fig. 5, a fragmentary end elevation of the table without the board; Fig. 6, a fragmentary longitudinal sectional view as at the plane of the line 2 2 in Fig. 2, the board being extended and wedged fast to the table; and Fig. 7 is a top plan of the detached ironing-board.

Similar reference characters in the several figures of the drawings designate like parts or features.

In construction the ironing-table itself may be either extensible, as illustrated in the drawings, or non-extensible, according to fancy. As a matter of utility, however, it is preferred that the table be extensible, for the reason that when so made one or more of the usual insertible top boards will, as a matter of convenience, be customarily employed, in which case the board may be of greater length than would be possible in an ordinary short non-extensible table. When the table is extensible, four, five, or six legs may be provided, as may be desired.

The ironing-table proper, designed to be extensible, comprises a frame consisting of a recessed front rail A, a rear rail B, and a pair of side rails, one composed of two parts C and C′ and the other one of two parts D and D′. When the table is to be non-extensible, each side rail will be composed of a single piece, as will be understood. A top is attached permanently to the frame and in the present case is composed of two parts E and E′, each attached to a half part of the frame, so that the two parts or halves of the table may be drawn apart to insert supplemental top boards in the usual manner. Legs F F′ F^2 F^3 are attached to the table-frame, as is customary. The usual forms of telescoping

or extensible frames comprising bars G G′ G^2 G^3 G^4 G^5, connected to the table, are provided, to parts of which is secured a cross-bar H, having a center leg F^4 attached thereto.

When the front rail A is of ordinary thickness, as in tables already constructed for ordinary purposes, a reinforcing-board A′, as shown, is attached to the inner side thereof to provide the necessary strength for supporting and locking the ironing-board, that will be further described. In new tables, however, designed to accommodate the ironing-board it is obvious that the front rail may be made sufficiently thick and strong so as to obviate the necessity of applying the reinforcing-board thereto.

The front rail A has a recess I in the top thereof, and the reinforcing-board has a similar recess I′ in alinement with the recess I immediately beneath the table-top. In the bottom of the recess I′ are two small recesses *a* and *b*, having inclined bottoms, deepest at the inner side of the board. The front A has recesses *a′ b′* like the recesses *a b* and in alinement therewith in the bottom of the recess I. In some cases, however, when the board A′ is alone sufficiently thick for the purpose the recesses *a′ b′* need not be formed in the front A. The front A is provided at the outer side thereof with a projecting board-brace J, extending downwardly from the plane of the bottom of the recess I, and the front is also provided with a pair of brackets K K′ at opsite ends of the recess I, supporting the overhang of the top part E′.

For mainly supporting and guiding the ironing-board a pair of counterpart guides L and L′ are arranged parallel to one another beneath the table-top and secured thereto adjacently to the bars G^2 G^3. In the present case in an extension-table the guides L and L′ are secured only to the top part E′, so as to not interfere with the movement of the top part E, and they are in alinement with the walls at the ends of the recesses I I′.

The ironing-board M has a draw-pull *c* at the under side of the outer end thereof for partially withdrawing the board from the table. The rear end portion of the board has parallel sides *d* and *e* engaging the guides L L′, whereby the rear end of the board is supported, the board extending through the rail A and board A′, in which the forward portion of the board is supported in the larger recesses thereof, the brace J assisting in supporting the board. The body and forward portions of the board has inclined sides *f* and *g*, the extremity having a rounded edge *h*.

The under side of the rear end of the board M is provided with a pair of removable wedges N N′, adapted to fit into the recesses *a a′ b b′* when the board is drawn forward to wedge the board against the table-top, and thereby lock the board tightly in its bearings. It will be apparent, however, that one wedge and recess therefor may be sufficient in some cases and may be preferred. It will be understood from the above that when the board A′ is arranged to coöperate with the rail A it may be made in various shapes in order to attach it to the table parts, and the wedge or wedges that coöperate with the board A′ may be relatively short, so as to not interfere with the rail A in case the recesses *a′* and *b′* are not provided.

In practical use the board M is to be drawn out until the wedges N N′ enter the smaller recesses in the front rail and reinforcing-board, when the board M will become automatically locked, so as to be firmly supported by the table, and both the table and the board, or either one alone, may be used for ironing purposes. A cover may be provided for the board, as usual, and, if preferred, the cover may be placed simply upon the board and secured between the board and the forward edge of the top E′. The board when not in use may be instantly pushed back under the table-top entirely out of the way, while the table may be used for any desired purpose.

Having thus described the invention, what I claim as new is—

1. An extension ironing table and board comprising a table having a top and also having a front rail provided with a recess in the top thereof, guides beneath the top of the table, an ironing-board mounted slidingly in the guides and also in the recess of the front rail and provided with a wedge at the under side of the rear end portion thereof, and a block or member coöperating with the front rail having a recess in the top thereof adapted to receive the wedge of the board and coöperate to lock the ironing-board against the top of the table.

2. An extension ironing table and board comprising a table having a top and also having a front rail provided with a reinforcing-board and having a large recess in the top thereof and a relatively small recess at the bottom of the large recess, guides beneath the top of the table, and a board mounted slidingly in the guides and also in the large recess of the reinforced front rail and provided with a wedge at the under side of the rear end portion thereof adapted to enter the relatively small recess at the bottom of the large recess when the board is moved forwardly.

3. An extension ironing table and board comprising a table having a top and also having a front rail provided with a recess in the top thereof, parallel guides beneath the top of the table, an ironing-board having parallel sides at the rear portion and inclined sides at the body and forward portions thereof and mounted with the parallel sides in the guides and the body portion in the recess of the front rail, a wedge secured to the under side of the rear end portion of the ironing-board, and a locking member coöperating with the front

rail and having a recess adapted to receive the wedge and force the ironing-board against the top of the table.

4. A combined ironing-table and extensible board comprising a table having a front rail provided with a recess in the top thereof, a locking member at the rear of the front rail rigidly supported and having a recess in the top thereof, a brace secured to the outer side of the front rail extending downwardly from the recess therein, a board mounted slidingly in the recesses and on the brace, guides for the rear end of the board, and a wedge secured to the under side of the board adapted to enter the recess in the locking member and lock the board.

5. In a combined ironing-table and extensible board, the combination with a table having a recessed front rail, of a pair of guides secured to the top of the table, an ironing-board having parallel sides at the rear portion thereof mounted in the guides and extending through the recessed front rail, a brace secured to the front rail partially supporting the ironing-board, a wedge secured to the under side of the rear portion of the ironing-board, and a rigidly-supported board or block situated beneath the ironing-board with which the wedge may coöperate to force the ironing-board against the table-top.

6. In a combined ironing table and board, the combination with an extension-table having two parts and having a recessed front rail, of a pair of guides secured to the top of one part of the table and extending under the top of the other part thereof, an ironing-board having parallel sides at the rear portion thereof mounted in the guides and extending through the recessed front rail, a brace secured to the front rail and partially supporting the ironing-board, a reinforcing-board secured to the front rail, a wedge secured to the rear portion of the ironing-board and adapted to coöperate with the reinforcing-board, and a draw-pull at the outer or forward end of the ironing-board.

7. In a combined ironing table and board, the combination of the table, the guides, the ironing-board mounted in the guides and provided at the under side of the rear or broader end thereof with a wedge having its inclined face presented downwardly and forwardly, and a board or block rigidly secured to the table and having a relatively large recess therein to receive the ironing-board and also having a recess extending from the relatively large recess to receive the wedge, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

IVORY SPURLIN.

Witnesses:

HARRY D. PIERSON,

E. T. SILVIUS.