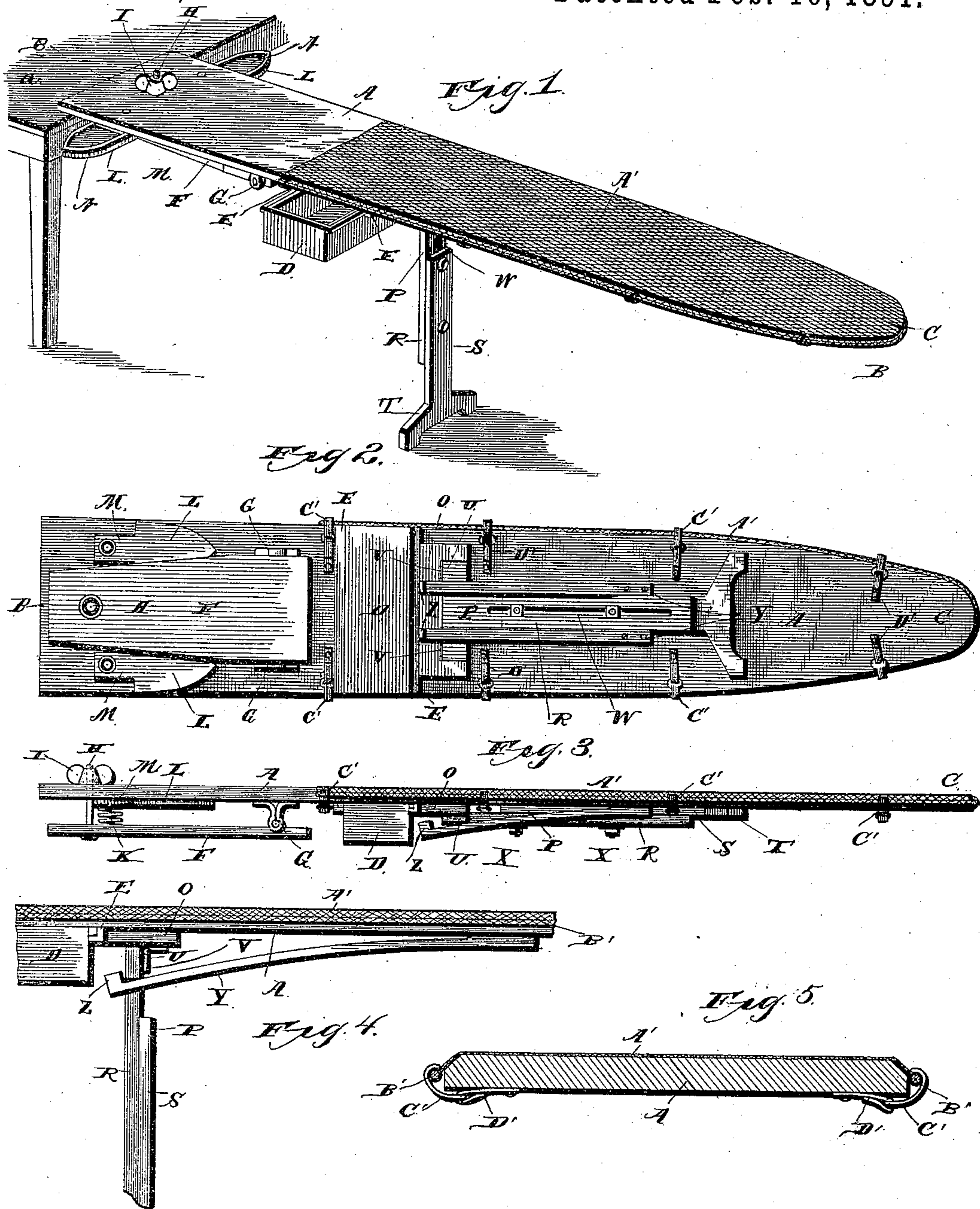


(No Model.)

A. SOMMERFELD.
IRONING BOARD.

No. 446,169.

Patented Feb. 10, 1891.



Witnesses

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UNITED STATES PATENT OFFICE.

AUGUST SOMMERFELD, OF ST. LOUIS, MISSOURI.

IRONING-BOARD.

SPECIFICATION forming part of Letters Patent No. 446,169, dated February 10, 1891.

Application filed October 27, 1888. Renewed January 9, 1891. Serial No. 377,272. (No model.)

To all whom it may concern:

Be it known that I, AUGUST SOMMERFELD, a citizen of the United States, residing at St. Louis and State of Missouri, have invented a new and useful Improvement in Ironing-Boards, of which the following is a specification.

My invention relates to an improvement in ironing-boards; and it consists in the peculiar construction and combination of parts that will be more fully set forth hereinafter, and particularly pointed out in the claim.

The object of my invention is to provide a light, cheap, and simple ironing-board which is adapted to be attached to a table or other suitable support, to be raised or lowered to any desired height, and be folded compactly into a small compass when not in use.

In the accompanying drawings, Figure 1 is a perspective view of an ironing-board embodying my improvements, showing the same attached to a table. Fig. 2 is a bottom plan view of the same, showing the standard and supports for shelves for the irons folded against the lower side of the board. Fig. 3 is a side elevation of the same in the same position. Fig. 4 is a side elevation of a portion of my improved ironing-board, showing the supporting leg or standard in a vertical position. Fig. 5 is an enlarged transverse sectional view of a portion of the ironing-board, showing the covering therefor and the spring-actuated gripping devices for securing the covering thereon.

A represents the ironing-board, which is broader at one end than the opposite extremity, has the broadened end square, as at B, and has its narrowed end rounded, as at C, to enable articles of clothing to be readily slipped over the said narrowed end of the board. On the under side of the board A at a suitable distance from the inner end thereof is a drawer D, which is guided and supported by transverse cleats E, that are secured to the board, and the said drawer is adapted to contain wax and other articles that are used in ironing fabrics.

F represents a clamping-board, which is arranged under the inner end of the ironing-board, has its inner end pivoted between a pair of brackets or arms G, which depend from the ironing-board, and has its free or

outer end connected to the proximate end of the ironing-board by means of a clamping-bolt H, which passes through aligned vertical openings in the clamping-board F and ironing-board A. A thumb-nut I engages the upper threaded end of the said bolt, and thereby enables the projecting ledge or top of a table or other support, such as shown at *a* in Fig. 1, to be clamped between the proximate ends of the ironing-board A and clamping-board F.

K represents a coiled extensile spring, which is arranged between the board A and the clamping-board F, and is adapted to force the latter downward from the board A when the nut I is unscrewed on the bolt, and thereby enable the ironing-board to be disconnected from the supporting table or ledge.

L represents a pair of wings or shelves, which are substantially in the shape of the bottom of a flat-iron, and are provided at their inner ends with projecting arms M, which are pivoted to the under side of the board A at opposite sides thereof and near its inner end, and thereby said wings or shelves are adapted to be swung outward and caused to project beyond opposite sides of the board A, as shown in Fig. 1, or to be swung inward under the same, as shown in Fig. 2. Each of the said shelves or wings has a recess N in its upper side adapted to receive and retain a flat-iron.

Secured transversely under the board A, at a suitable distance beyond the drawer D, is a cleat or board O.

P represents a supporting leg or standard which comprises two members R S. The member S has at its lower end a transversely-arranged supporting-foot T, and the member R has at its upper end a transversely-arranged head U, which is hinged at its upper edge to the lower side of the cleat or board O by means of hinges V, and thereby the standard or leg is adapted to be swung downward from the ironing-board to a vertical position, as shown in Fig. 1, or to be folded upward against the lower side of the ironing-board, as shown in Figs. 2 and 3. The member R of said standard is provided with a vertical or longitudinal slot W, and clamping bolts or screws X engage the said slot and pass through the member S, and thereby the

said members R S are secured together and adapted to be extended or contracted, so as to render the supporting leg or standard of any length desired, and hence enable the same
5 to support the ironing-table at any desired height or in any desired inclination.

Y represents a pair of spring-bars, which have their outer ends screwed or bolted to the under side of the board A on opposite sides
10 of the leg or standard P and have their inner ends provided on their upper sides with shoulders Z. The free ends of the said springs exert upward pressure toward the lower side of the ironing-board and are caused
15 to engage the head U of the supporting-standard, as shown in Figs. 2, 3, and 4. When said supporting leg or standard is folded against the bottom of the ironing-board, the said springs serve to maintain the same in
20 this position, as shown in Fig. 3, and when the said supporting leg or standard is turned downward to a vertical position from the ironing-table the shoulders Z of the springs bear against the lower edges of the head U, and
25 thereby serve to brace the supporting leg or standard and to maintain the same in the correct vertical position.

The edges of the ironing-board A are beveled inward and upward, as shown in Fig. 5,
30 and a cover A' of suitable fabric is adapted to be stretched over the upper side of the ironing-board, and has its edges bent around a stiffening-wire B' and secured together by

stitches or in any other suitable manner. The said wire B' forms a flange which pro- 35
jects beyond the beveled sides of the ironing-board.

C' represents a series of hooks, which are adapted to engage the said wire or flange, are curved to enable them to clear the lower edges 40
of the ironing-board, and have their inner ends secured to rubber straps D', which are fastened to the lower side of the board. The said rubber straps in contracting draw the hooks C' downward, and thereby stretch the 45
coverings smoothly over the board and securely fasten the same thereto.

The operation of my invention will be obvious from the foregoing description and the accompanying drawings. 50

Having thus described my invention, I claim—

The combination, with the ironing-board having the beveled or inclined edges, of the springs D', secured under the board, the hooks 55
C', attached to the springs, and the cover having the stiffening wires or flange B' at its sides, adapted to be engaged by the hooks, substantially as described.

In testimony that I claim the foregoing as 60
my own I have hereto affixed my signature in presence of two witnesses.

AUGUST SOMMERFELD.

Witnesses:

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F. F. SCHAEFFLE.