

(Model.)

S. H. HAINES.
IRONING TABLE.

No. 464,458.

Patented Dec. 1, 1891.

Fig. 1.

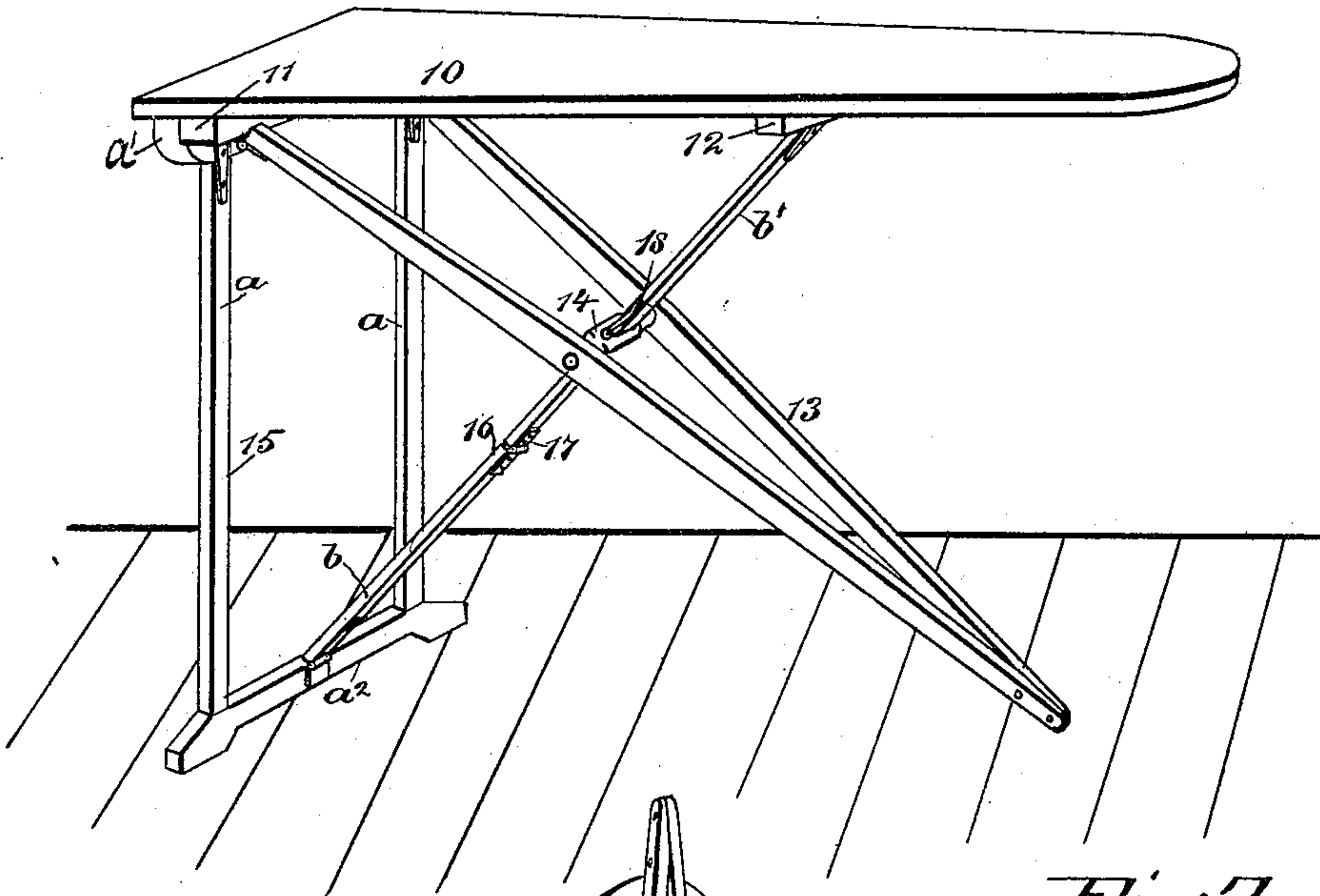


Fig. 2.

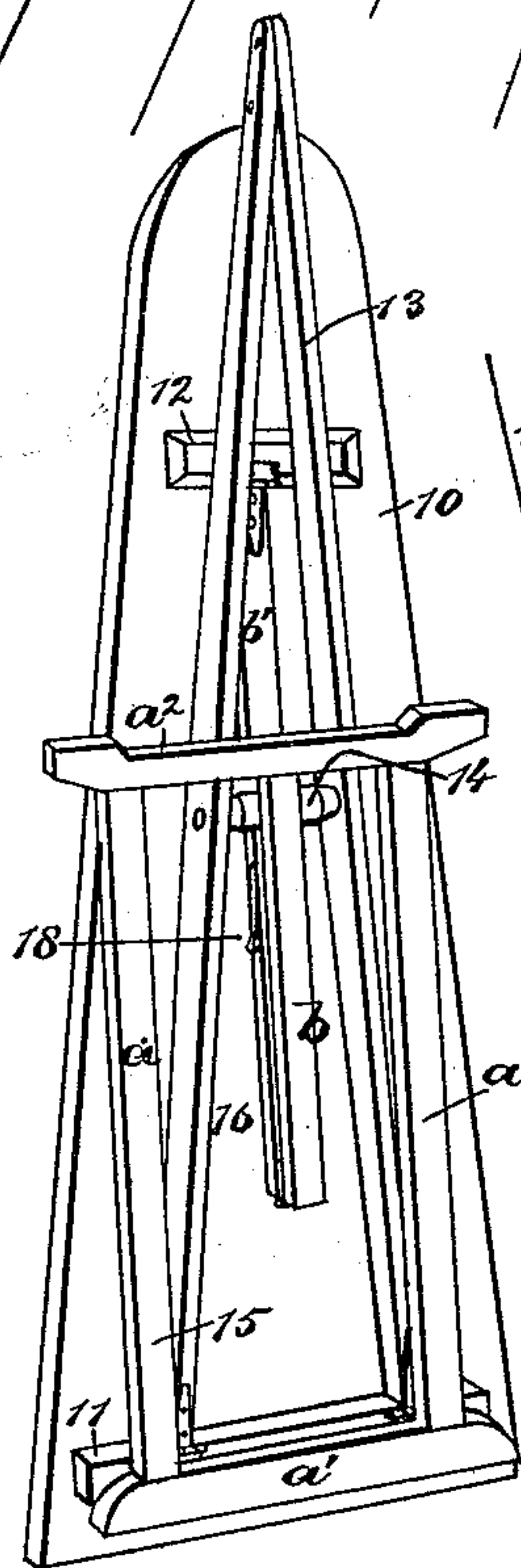
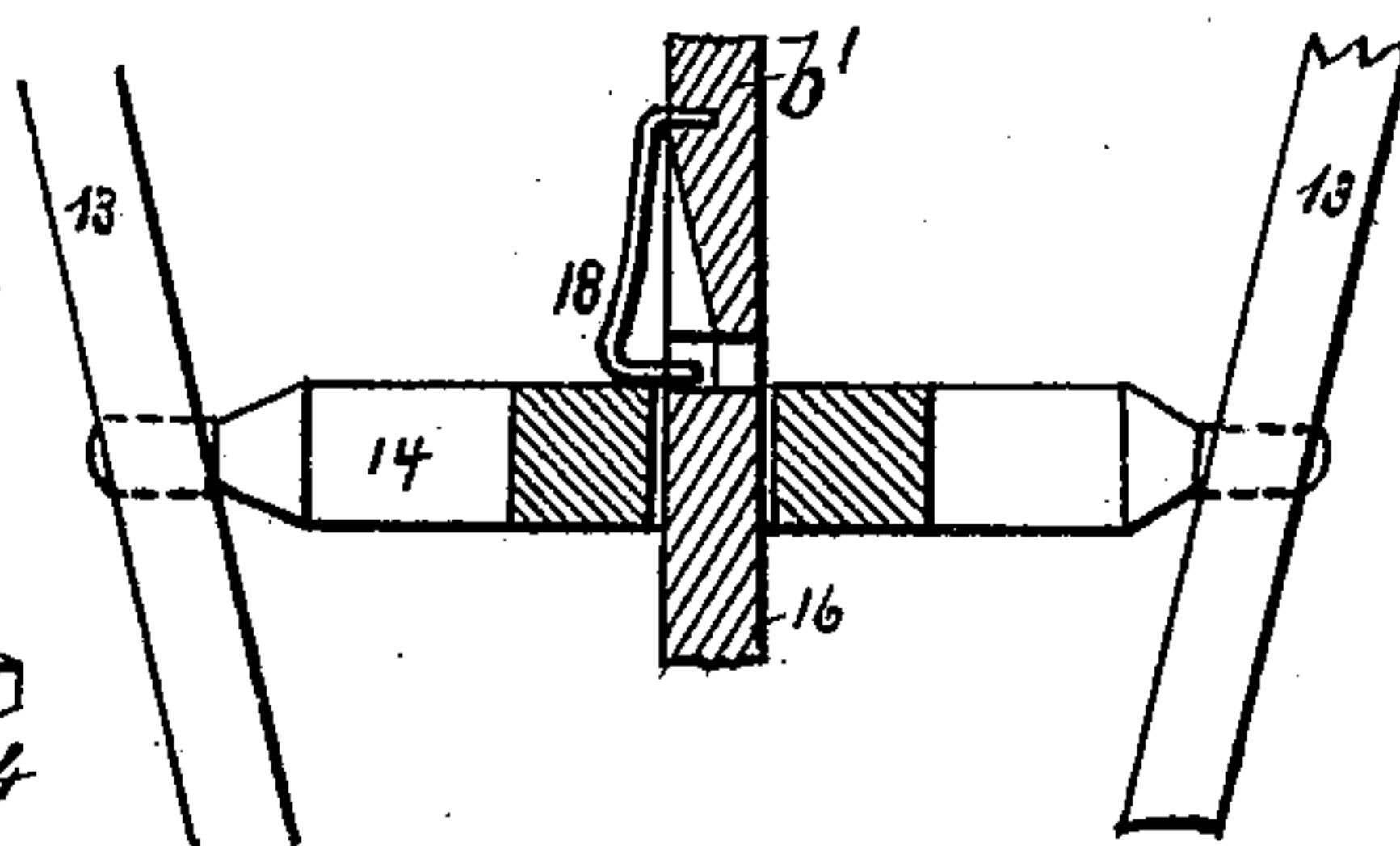


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

SAMUEL H. HAINES, OF SPRINGBOROUGH, OHIO, ASSIGNOR OF ONE-HALF TO
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IRONING-TABLE.

SPECIFICATION forming part of Letters Patent No. 464,458, dated December 1, 1891.

Application filed April 11, 1891. Serial No. 388,507. (Model.)

To all whom it may concern:

Be it known that I, SAMUEL H. HAINES, of Springborough, in the county of Warren and State of Ohio, have invented a new and useful Improvement in Ironing-Tables, of which the following is a full, clear, and exact description.

My invention relates to an improvement in ironing-tables, and has for its object to provide a light, portable, durable, and economic table capable of being firmly supported in a position for use and compactly folded for transportation or for storage; and the invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

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

Figure 1 is a perspective view of the table when in position for use, and Fig. 2 is a perspective view illustrating the supports of the table as folded. Fig. 3 is a detail view representing the location of the spring upon the folding brace and showing it in engagement with the pivoted shaft of the ironing-board support.

The ironing-board 10 of the table is provided upon its under face with two battens 11 and 12, one being located near the rear or wider end and the other between the contracted end and the center. The members of an essentially-V-shaped brace 13 are hinged to the batten 11 in any suitable or approved manner, the said brace being adapted when the ironing-table is placed in position for use to rest at its lower end upon the floor. Between the members of the brace at or near their central portions a shaft 14 is journaled, which shaft is provided with a slot extending through from face to face, the said slot being longitudinally produced in the shaft. Preferably at the back of the batten 11 the upper end of a rectangular frame 15 is hinged, the said frame consisting, preferably, of two side bars a , the said side bars being connected at their upper ends by a cross-bar a' , which

cross-bar is hinged to the board, and the side bars a are united at their lower ends by a cross-bar a^2 , which latter bar constitutes the foot of the frame. The frame 15 is preferably of less width than the width of the board at its wider end, and a sectional brace-bar 16 is employed to connect the foot cross-bar a^2 of the frame 15 with the forward batten 12 of the ironing-board. The brace 16 is preferably made in two sections b and b' . The section b' , which is the upper section, is the longer of the two, and the sections are united by a hinge 17 of any approved construction. The upper end of the upper section b' is hinged to the batten 12, and the lower end of the lower section b is hinged to the central portion of the foot cross-bar of the said frame 15. The upper section b' of the sectional brace is passed through the slot in the shaft 14, and the width of the section is preferably slightly less than the length of the slot. The section b' of the brace 16 is also provided with a spring-latch 18, which, when the board is in position for use, rests upon the upper face of the shaft.

When the table is to be used, the V-support 13 extends diagonally beneath the ironing-board and rests at its lower end upon the floor. The frame 15 is in an upright position, and its foot rests also upon the floor, and when the support 13 and the frame 15 are thus placed the brace 16 extends diagonally from the foot of the frame to the under face of the board in a direction reverse to that of the support 13.

When the table is not in use, it may be compactly folded for storage or for transportation, and this is accomplished by pressing in the spring 18, so that it may pass through the slot in the shaft 14, and the support 13 is then folded up beneath the ironing-board and in practical engagement therewith, as shown in Fig. 2, which movement of the support causes the brace 16 to fold, and as this movement takes place the brace draws up and folds the frame 15. If all the parts are not completely folded when the support is placed parallel with the ironing-board, they may be conveniently and expeditiously pressed to place. The folding of the support while the

shaft carried thereby is yet in engagement with the upper section of the brace is permitted by reason of the shaft being journaled in the support, enabling it to accommodate itself
5 to the movements of the upper brace-section.

The board is quickly set up by carrying the frame 15 downward to a vertical position and lifting the board 10, whereupon the brace 16
10 straightens out and the support 13 will be dropped to the floor and be locked in position by the spring-latch 18.

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

15 1. In the ironing-table, the combination, with an ironing-board, of a supporting-frame hinged near one end thereof, an essentially-V-shaped support hinged to the board near the supporting-frame, and a brace consisting of a
20 series of hinged sections, which brace is secured to the lower portion of the supporting-frame, passes through the V-shaped support,

and is hinged to the under face of the board, substantially as and for the purpose specified.

2. In an ironing-table, the combination, 25 with an ironing-board and an essentially rectangular supporting-frame hinged near one end of the board and adapted to extend vertically therefrom, of an essentially-V-shaped supporting-bar attached to the board near the 30 supporting-frame, a shaft journaled between the members of the V-shaped bar and provided with a slot, a brace consisting of a series of sections having a hinge connection, which brace is hinged at one end to the lower 35 portion of the supporting-frame, passes through the opening in the shaft, and is hinged at its upper end to the under face of the board, and a latch connected with the brace, as and for the purpose specified.

SAMUEL H. HAINES.

Witnesses:

IRA THOMAS,
JESSE WRIGHT.