

S. W. FRALEY.
Ironing-Table.

No. 164,288.

Patented June 8, 1875.

FIG 1.

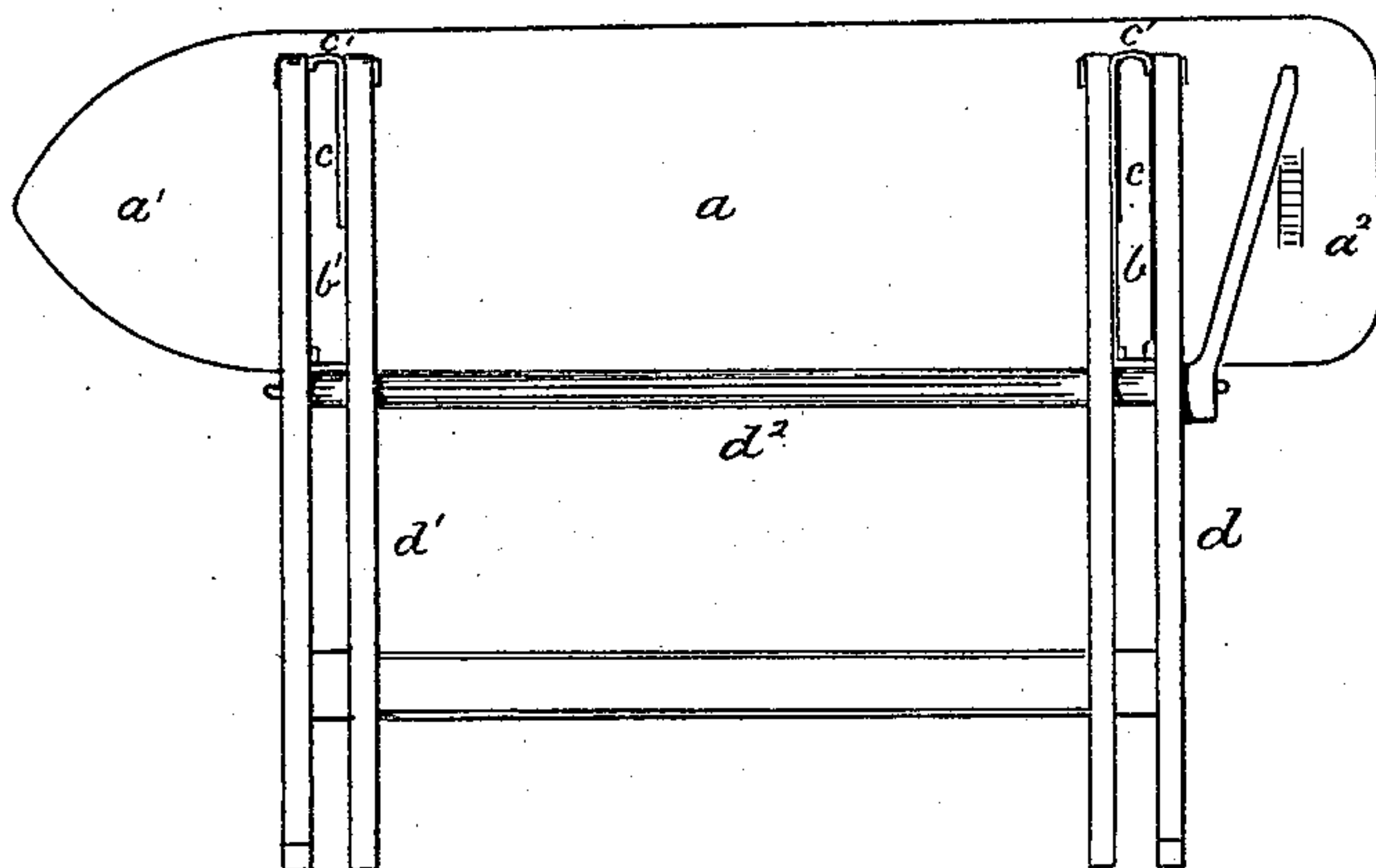


FIG 5.



FIG 2.

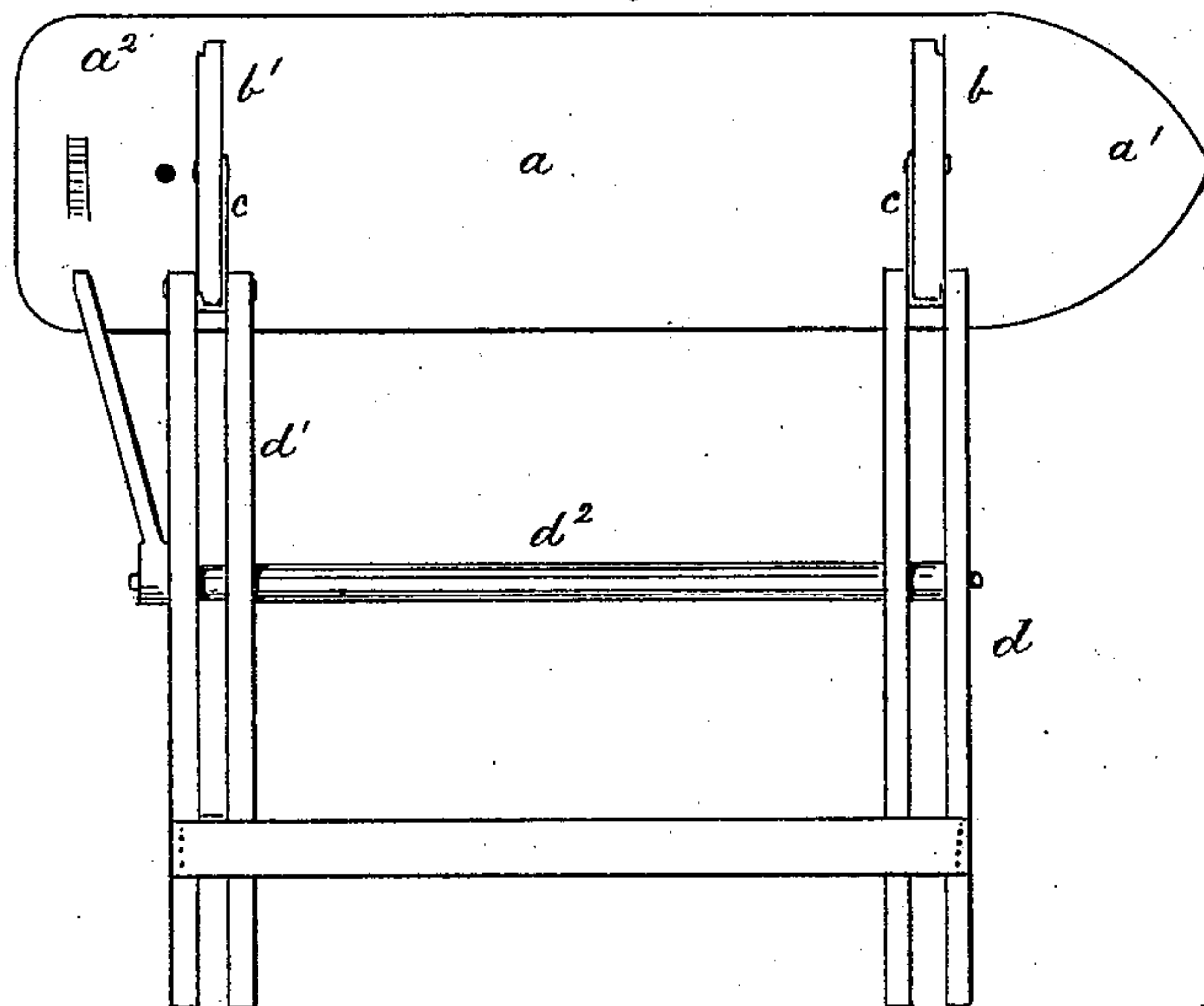


FIG 3.

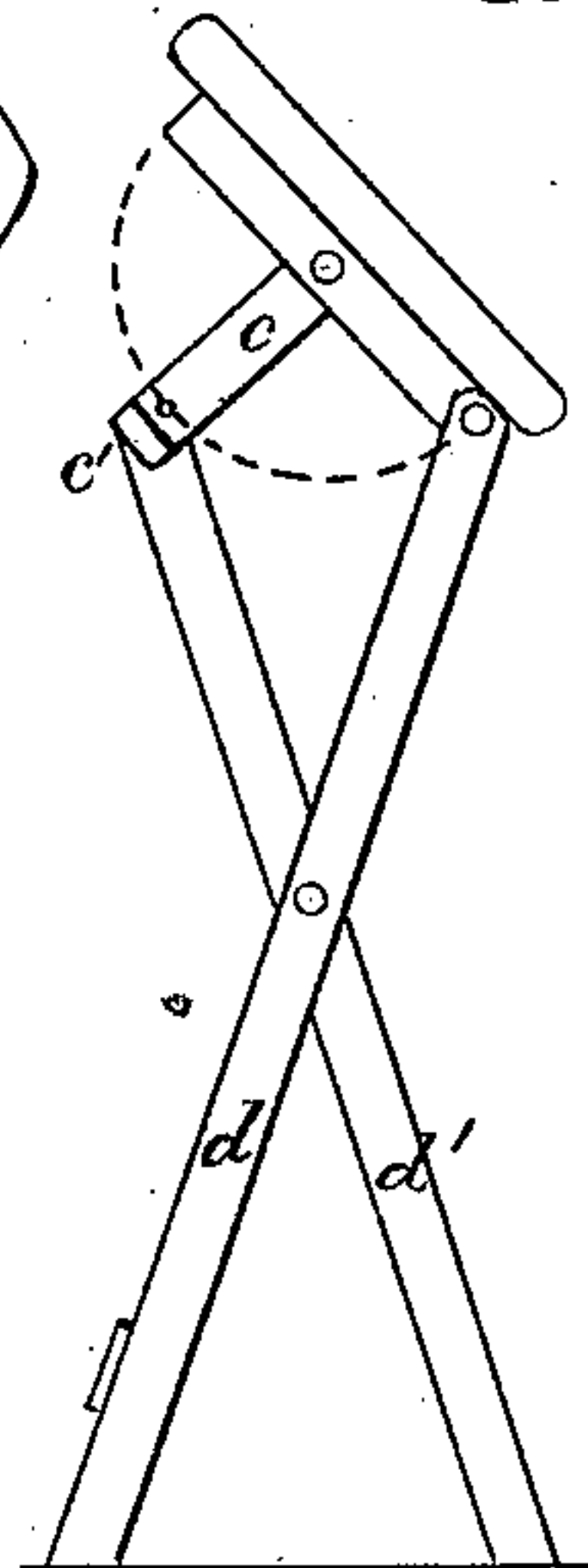
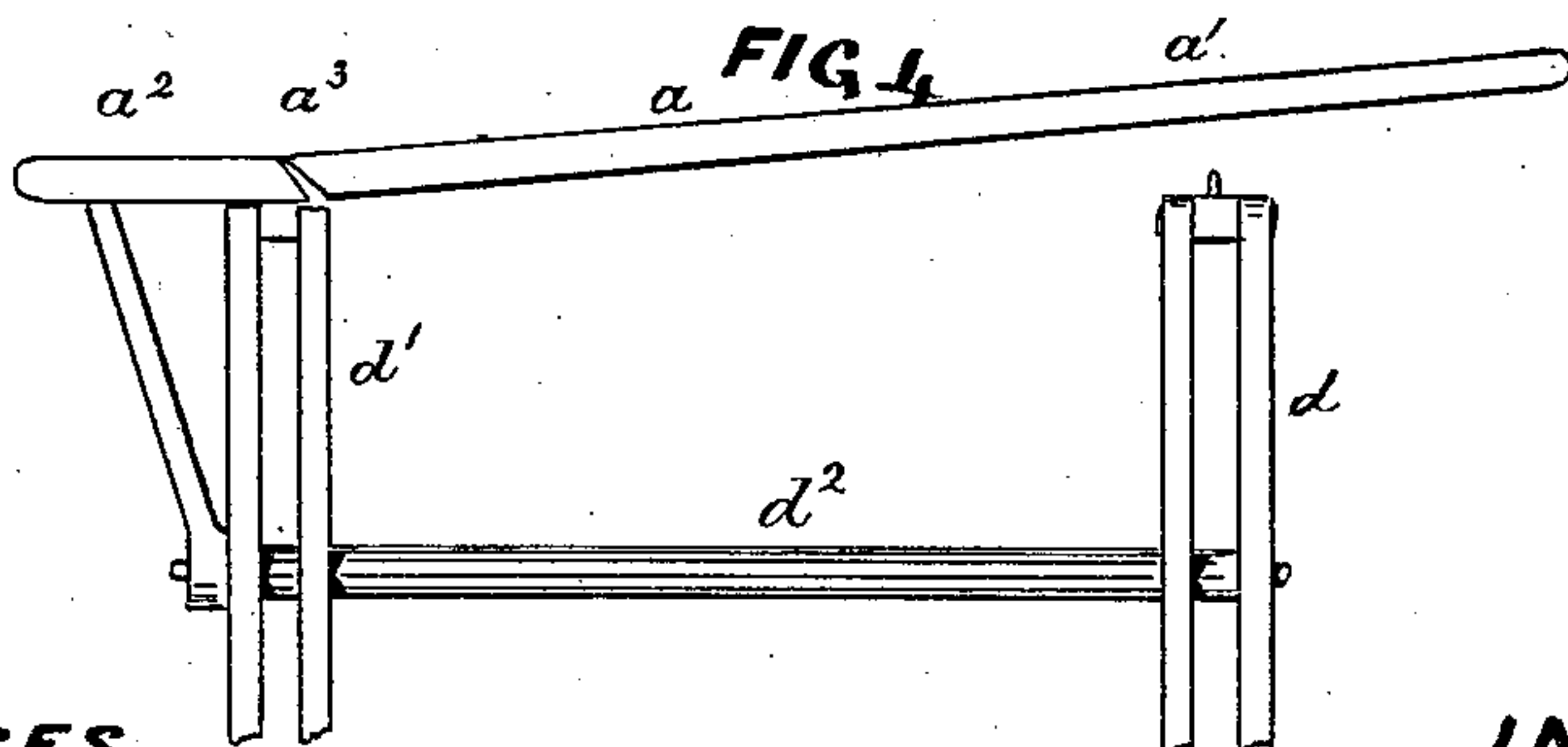


FIG 4.



WITNESSES.

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IMPROVEMENT IN IRONING-TABLES.

Specification forming part of Letters Patent No. 164,288, dated June 8, 1875; application filed April 2, 1875.

To all whom it may concern:

Be it known that I, SYLVESTER W. FRALEY, of Wilkesbarre, in the county of Luzerne and State of Pennsylvania, have invented certain new and useful Improvements in Ironing-Boards; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in ironing-boards; and consists in the construction and arrangement of the several parts hereinafter described, and pointed out in the claim.

In the drawings, Figure 1 is a view of the board folded. Figs. 2 and 3 are views of the board partially unfolded; and Fig. 4 is a side view, showing the two sections hinged together; and Fig. 5 is a view of the swinging bar or lever.

a is the ironing-board. It is made in the two sections $a^1 a^2$, which are hinged together at a^3 , so that the longer section a^1 can be raised for convenience in ironing skirts and similar garments. It is supported on the two cleats $b b'$. The cleat b' is rigidly secured to the section a^2 , but the cleat b is provided with projecting pins on its upper side, which pass into holes in the section a^1 , and permit the latter to be raised at pleasure. $c c$ are two swinging bars or arms secured by pivots, on which they readily turn, to the sides and central point of the cleats $b b'$. They are made just half the length of the cleats, and have formed on their outer or swinging ends the rectangular hooks c' , which pass over the ends of said cleats. The supporting-frame is made in the two sections $d d^1$, which are hinged to a central longitudinal rod, d^2 . The inner or smaller section d^1 is hinged on the rod d^2 , at such distance from the section d that the cleats $b b'$ will pass between said sections when the board is folded up. The outer or larger section d is pivoted to the ends of the cleats, while the inner or smaller section d^1 is pivoted to the outer ends of the swinging arms $c c$.

To fold the device, the board is first turned

up in the position shown in Fig. 2, the arms $c c$ passing through the movement indicated in Fig. 3, which brings the two sections of the supporting-frame together, and the hooks c' over that end of the cleats to which the larger section d is pivoted. The board is then turned down, as shown in Fig. 1, the cleats fitting between the sections of the supporting-frame. The device thus folded will occupy but little space, and can be set against the wall out of the way.

When unfolding the table, and in bringing the board down to a horizontal from the position shown in Fig. 2, the arms c hold and convey the upper ends of the legs in section d^1 of the folding frame to their proper place under the board, and obviate the necessity of using the hand to direct said ends. The hooks c' pass over the end of the cleats, and the table is held as firmly as though the section d^1 were bolted rigidly to the cleat.

Where a shoe is secured to or a mortise or notch formed in the under side of the board, to receive the supporting-frame, there will be much unsteadiness in the table, since there is nothing to hold said frame firmly to the board; and, further, there will be great liability to accident when unfolding the table rapidly, by reason of the ends of the frame failing to catch properly in said shoe or mortise.

In my device it will be seen that not only great firmness is secured to the position of the unfolded table, but that no accident can occur, as the arms c will convey the frame unerringly into proper position under the board, however rapidly unfolded.

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

In an ironing-board, the combination of the arms $c c$, pivoted to the central point of the cleats $b b'$, and provided with the hooks c' , with the sections $d d^1$, of the folding frame, substantially as set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

SYLVESTER W. FRALEY.

Witnesses:

C. T. MAYER,
B. WEBSTER.