(No Model.)

H. C. HILL & C. W. FREY.

FOLDING IRONING TABLE.

No. 483,353. Patented Sept. 27, 1892.

Fig. 1.

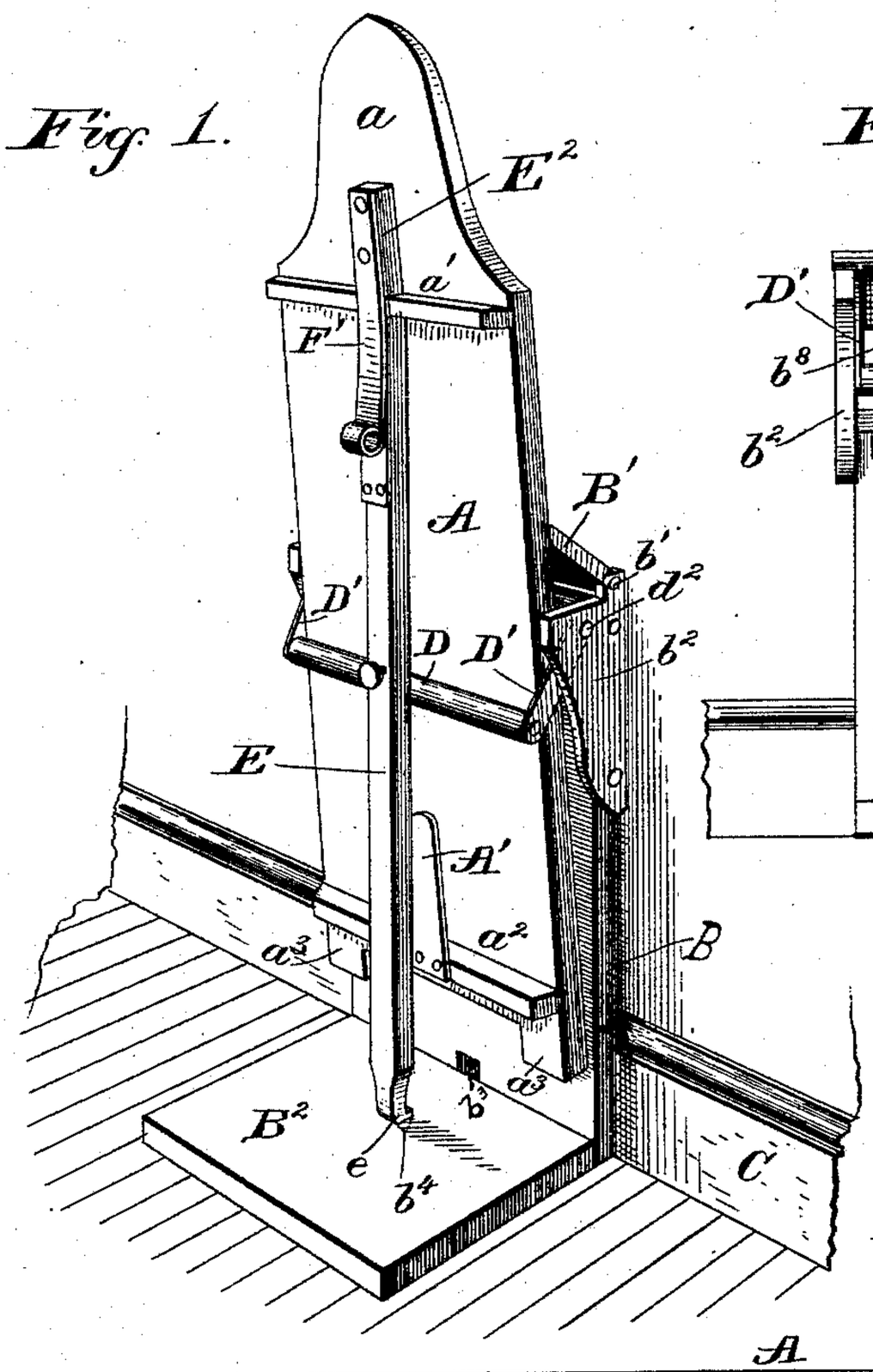
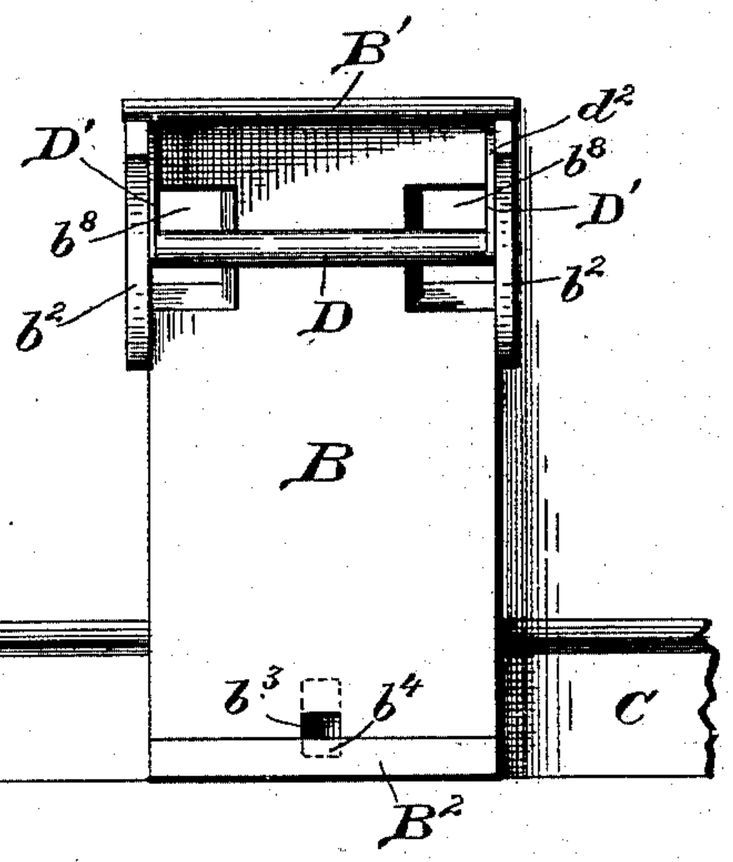


Fig. 3.



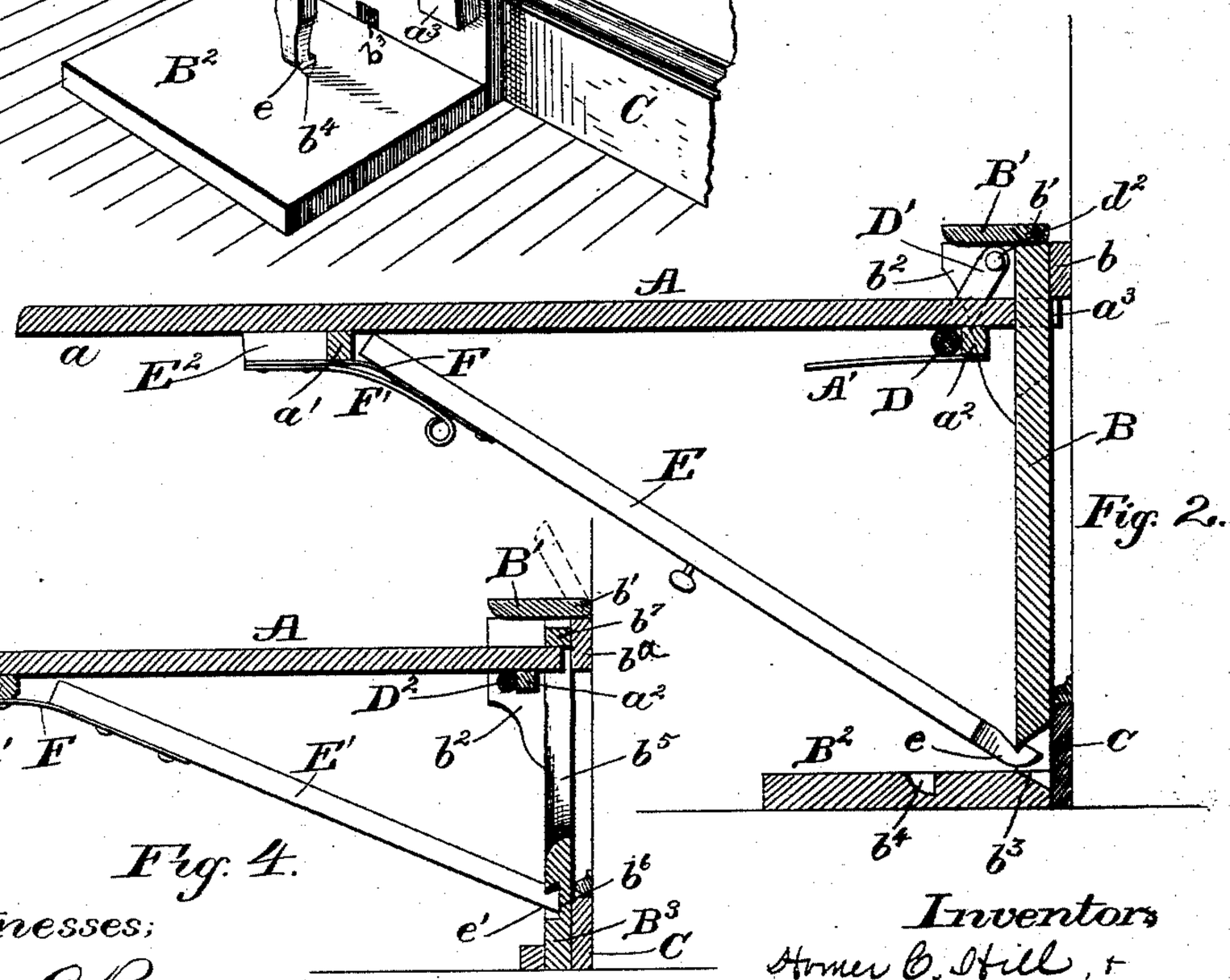


Fig. 2.

Fig. 4.

Witnesses;
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UNITED STATES PATENT OFFICE.

HOMER C. HILL AND CHARLES W. FREY, OF CLINTON, ILLINOIS.

FOLDING IRONING-TABLE.

SPECIFICATION forming part of Letters Patent No. 483,353, dated September 27, 1892.

Application filed December 1, 1891. Serial No. 413,714. (No model.)

To all whom it may concern:

Be it known that we, HOMER C. HILL and CHARLES W. FREY, citizens of the United States, residing at Clinton, in the county of De Witt and State of Illinois, have invented certain new and useful Improvements in Folding Ironing-Tables; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Our invention relates to folding ironing-tables; and it consists of certain novel features hereinafter described and claimed.

Reference is had to the accompanying drawings, wherein the same parts are indicated by the same letters.

Figure 1 represents a perspective view of the table as turned up out of the way when not in use. Fig. 2 represents a longitudinal section of the table when turned down and ready for use. Fig. 3 represents a front view of the frame, the table being removed. Fig. 4 represents a central section of a modification of the device shown in Figs. 1, 2, and 3.

A represents the ironing-table, having an extension a, which may serve as a bosom-board, a stiffening-piece a', a stiffening-piece a^2, and small tenons a^3, adapted to engage in mortises or holes in the framework B. This framework is surmounted by a pivoted shelf B′ and rests on a base B^2. At the back of the framework the cross-piece b, made, preferably, of the same thickness as the wash-board C of the room, serves both to keep the said frame B clear of the wall and also to engage the ends of the tenons a^3, thus assisting in preventing the table A from being tilted. The shelf B′, pivoted at b', rests on two brackets b^2, to which the swinging roller D is attached by means of the straps D′, pivoted at d^2. In the lower end of the frame the mortises b^4 and b^3 are made to receive the hooked end e of the swinging brace E. This brace is connected by one or more springs F and F′ to the cross-piece a' and the block E^2.

In order that the table A may not be accidentally detached from the roller D, the spring A′, bent outward somewhat, as shown in Fig. 2, is attached to the cross-piece a^2. It will be seen that by raising up the board A from the position shown in Fig. 1 until the cross-piece a^2 touches the roller D and then lowering it into a horizontal position with the hooked end e of the brace engaging the hole b^3, as shown in Fig. 2, the tenons a^3 will press against the cross-piece b, and so steady the table, while the cross-piece a^2, engaging the roller D, will prevent any swaying to the left, and the brace E and end of the board between the tenons will prevent any swaying to the right, while the brackets b^2 will hold the table steady laterally.

In the modification shown in Fig. 4 a fixed bar D^2 or a roller mounted in stationary bearings takes the place of the swinging roller D, and a cross-piece b^7 takes the place of the holes b^8 in Fig. 3. The cross-piece b^9 is substituted in place of the cross-piece b. (Shown in Fig. 2.) Moreover, the foot B^2 of the frame is done away with, and the foot e' of the brace E′ fits in a dovetail recess b^6.

The general operation of the device is the same as before. The frame is fastened to the wall in any convenient way. The pivoted shelf B′ serves as a rest for the iron or for such other purposes as it may be adapted, and the table, folding back against the wall, is readily gotten out of the way when not in use.

Having thus described our invention, what we claim, and desire to secure by Letters Patent of the United States, is—

1. In a folding ironing-table, the combination, with a frame fastened to the wall, of a shelf pivotally attached to the top of said frame, guide-brackets attached to said frame and forming a support for said shelf, a roller attached to said guide-brackets and spanning the distance between them, and a sliding board adapted to move freely between said roller and said frame, with a support for the end of said board, substantially as described.

2. In a folding ironing-table, the combination, with a frame fastened to the wall, of two side brackets fastened to said frame, a swinging roller attached by pivoted straps to said brackets, and a sliding board adapted to move freely between said roller and said frame, with means for preventing said board from being drawn off the said roller, and a brace pivotally attached to the outer portion of said board and adapted to engage in said frame, substantially as described.

3. In an ironing-table, the combination, with the frame B, attached to the wall and having cross-piece b, holes b^8, and brackets b^2, of the swinging roller D, attached by straps D′ to said brackets, the sliding board A, having cross-piece a^2 and tenons a^3, and the pivoted brace E, with means for engaging the same in said frame, all operating substantially as described.

4. In an ironing-table, the combination, with the frame B, attached to the wall and having cross-piece b, holes b^8, and brackets b^2, of the shelf B′, pivotally attached at b' to said frame and adapted to rest on said brackets, the swinging roller D, attached by straps D′ to said brackets, the sliding board A, having cross-piece a^2 and tenons a^3, and the pivoted brace E, with means for engaging the same in said frame, all operating substantially as described.

In testimony whereof we affix our signatures in presence of two witnesses.

HOMER C. HILL.
CHARLES W. FREY.

Witnesses:
JNO. G. DAVIS,
JNO. T. GREENE.