(No Model.)

D. H. WELLER.

COMBINED BENCH AND IRONING TABLE.

No. 356,909. Patented Feb. 1, 1887.

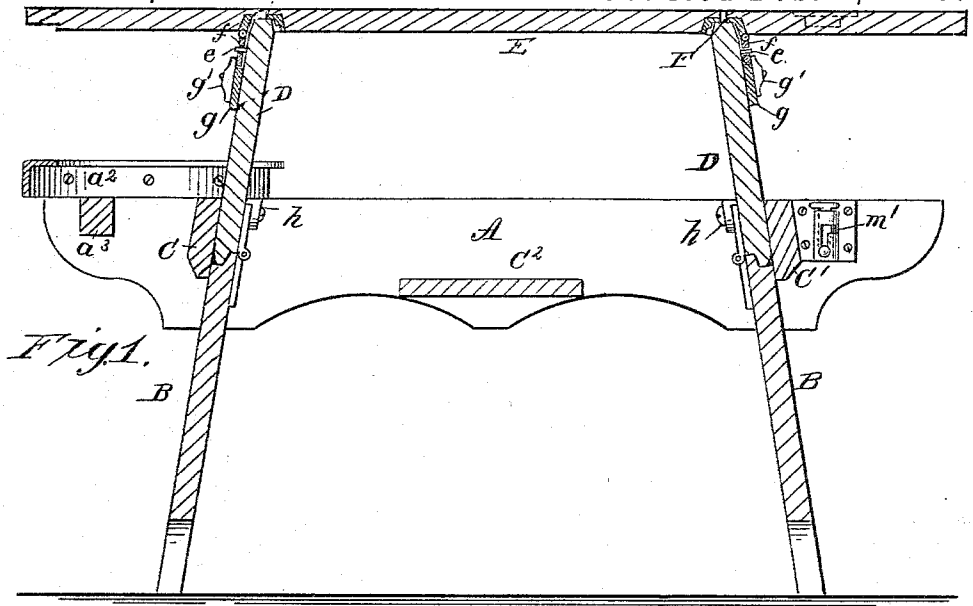


Fig. 1.

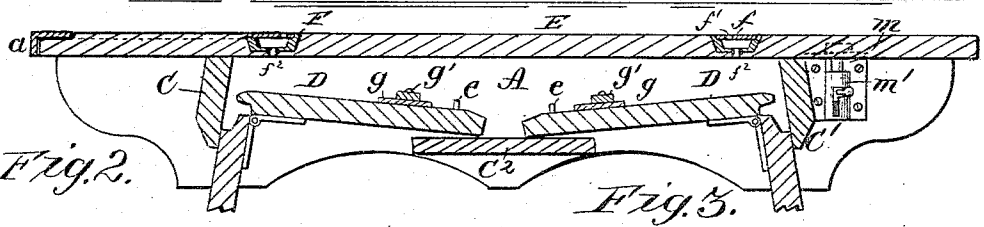


Fig. 2.

Fig. 3.

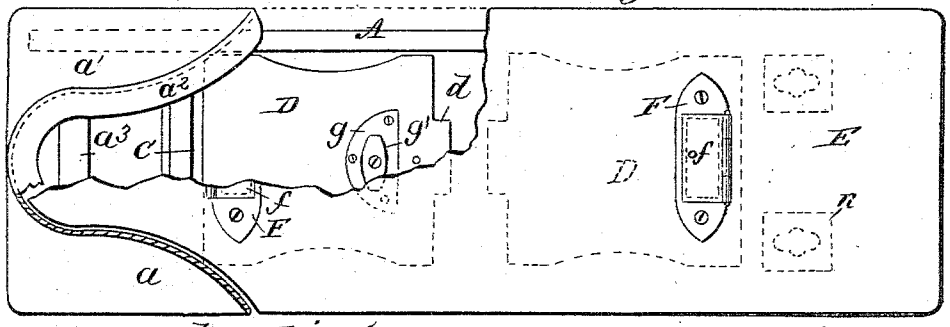


Fig. 4.

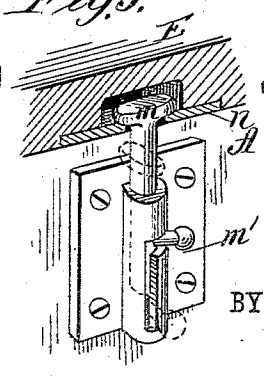


Fig. 5.

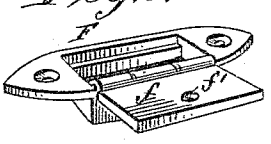


Fig. 6.

WITNESSES:

J. D. Garfield

C. Sedgwick

INVENTOR:

D. H. Weller

BY Munn & Co.

ATTORNEYS.

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

DANIEL H. WELLER, OF BOYERTOWN, PENNSYLVANIA.

COMBINED BENCH AND IRONING-TABLE.

SPECIFICATION forming part of Letters Patent No. 356,909, dated February 1, 1887.

Application filed August 18, 1886. Serial No. 211,198. (No model.)

To all whom it may concern:

Be it known that I, DANIEL H. WELLER, of Boyertown, in the county of Berks and State of Pennsylvania, have invented a new and Improved Combined Bench and Ironing-Table, of which the following is a full, clear, and exact description.

My invention relates to a combined bench and ironing-table; and it has for its object to produce a piece of furniture of pleasing exterior that will serve the dual purpose of a seat and a table to iron upon; and, further, to provide within the bench a compartment wherein the wraps used with the ironing may be handily and conveniently stored.

It consists to that end in the construction and combination of the 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 letters of reference indicate corresponding parts in all the figures.

Figure 1 is a central longitudinal vertical section of my device used as an ironing-table; Fig. 2, a central longitudinal vertical section thereof used as a bench. Fig. 3 is a plan view, with the board partly cut away; Fig. 4, a perspective view of one end thereof, showing one hinged support for the ironing-board in position. Figs. 5 and 6 are detail views of the bolt and hinged socket-box.

A represents the side pieces of a bench, B the legs, C′ C′ the end pieces, and C^2 a central cross-brace. The bench thus formed is provided with stationary top pieces, *a a′*, at one end, which, uniting at their projecting or outer ends, have their inner edges curved inwardly and outwardly, as shown in Fig. 3, and covered with a thin strip of angle-iron, a^2, extending up flush with the top of said top pieces, *a a′*, and bent to conform with the curved contour of their inner edges. A brace, a^3, extends from side to side of the bench under the stationary top pieces, *a a′*, to support the same.

The upper ends of the legs B are formed with tenons to receive the lower ends of the supports D, which are hinged thereto and adapted to extend upward, forming a continuation of the legs B, to engage with an ironing-board, E, and sustain the same in a horizontal position above the bench. This support is accomplished by the entrance of the tongue *d*, formed upon the free end of the hinged supports D, into socket-boxes F, which are fitted in recesses formed in the board, so that the hinged lids covering the boxes are flush with the bench-surface of said board. When the board is thus placed in position to be ironed upon, the hinged lids *f* of the socketed boxes F are opened back, so that they will bear against the sides of the hinged supports D, the opening *f′* in the lids receiving the pins *e*, projecting from the sides of the said hinged supports D. A metal plate, *g*, having pivoted thereon a button, *g′*, is attached to the sides of the supports D in such position as that the upper square edge of the metal plate *g* will nearly touch the edge of the lid *f* of the box F when opened, as above, so that the buttons *g′* may be turned to cover the lower portion of the hinged box-lid *f*. Thus by means of the extended lid of the box F bearing against the side of the supports D and receiving the pin thereon, while the tongues *d* enter the said box F, together with the addition of the metal plate *g* and button *g′*, the ironing-board is held rigidly in its elevated horizontal position, as seen in Fig. 1.

The rigidity of the hinged supports D is promoted by means of another button, *h*, attached to their inner sides, the said button being adapted to engage vertical slots cut in the top edge of the inner face of the side pieces, A, of the bench, as illustrated in Fig. 4.

When through ironing the button *g′* is turned from off the box-lid *f* and the lid thrown back out of engagement with the pin *e* and the supports D; the ironing-table E is now lifted up, freeing the tongues *d* upon the supports D from the socket-box F. The second and lower button, *h*, is now released from its engaging-slot in the side pieces, A, of the bench, and the hinged supports D closed down within the bench to a bearing upon the central cross-piece, C^2. The wraps used upon the board are now taken off and placed neatly over the supports D and central cross-piece, C^2. The board itself is now turned over and the narrow end thereof slid under the projection of the angle-iron a^2 to a bearing upon the upper edges of the bench-frame. As the narrow

end of the ironing-board E is cut away slightly along the edge to accommodate the said flange of the angle-iron, the board now forms a smooth top for the bench, which can be now used as a seat or for any purpose for which a bench is intended. The covered socket-boxes F, which are recessed in the now upper surface of the board, do not break the even face thereof, as they are set just deep enough to bring the hinged lid flush with the surface of the said board E, as seen in Figs. 2 and 3 of the drawings.

The under side of the ironing-board E, as positioned to form a bench-seat, is recessed near each side at its square end, the said recesses being each covered by a metal plate, *n*, having an opening therein more or less diamond-shaped, adapted to receive the elongated head *m* of one of the bolts *m'*, which are secured to inner faces of the bench side pieces, A, outside the end piece, C'. The purpose of the bolt *m'* is to secure the broad or square end of the ironing-board to the bench-frame, the narrow end being firmly held in place by the angle-irons a^2, as shown in Fig. 2. The bolt is slid up into the opening in the plate *n*, with its elongated head *m* longitudinally of the slot, and when entered the bolt is turned and locked, bringing the bolt-head *m* transversely of the slot, as shown in detail, Fig. 5.

To change the board E from a bench-seat to an ironing-table, the operation is the reverse of that above stated, with the addition that the bolt *m'* is first withdrawn from its connection with the plate *n* in the board. As the reverse side of the board is used for ironing from that used as a seat for the bench, it (the seat) can be painted or stained to correspond with said bench.

In the drawings the supports D D are shown in the same plane or inclination inward with the legs B. I ordinarily, however, hinge the said supports D D of the ironing-board to incline from the point of juncture with the legs B at a slight angle from said point outward toward the ends of the ironing-board or bench, so as to afford a more rigid support or brace therefor.

The covered socket-boxes F are provided with a central aperture, f^2, in the bottom thereof, which register with similar apertures in the board E. Through these apertures f^2 the lids of the said boxes are opened by means of any slender instrument.

Instead of having an aperture, *f'*, in the box-lid *f* to engage with a pin, *e*, attached to the supports D, as shown, I may in practice make the pin integral with the lids *f* of the boxes F, to engage a properly-guarded recess in the supports D.

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

1. In a combined bench and ironing-board, the combination, with a reversible board, E, provided with covered socket-boxes F, of the supports D D, hinged to the legs of a bench, substantially as shown and described, and for the purpose herein set forth.

2. In a combined bench and ironing-board, the combination, with the frame thereof having side pieces, A, and end pieces, C C', of the stationary top pieces, *a a'*, having a strip of angle-iron, a^2, secured to their inner curved surfaces, and the reversible board E, substantially as shown and described, and for the purpose herein set forth.

3. A reversible ironing-board provided with the socket-boxes F, having hinged apertured lids upon one side and recesses upon the other covered by the apertured metal plates *n*, substantially as shown and described, and for the purpose herein set forth.

4. In a combined bench and ironing-board, the combination, with the frame thereof, consisting of the side pieces, A, end cross-pieces, C C', legs B B, having supports D D hinged thereto, provided with tongues *d*, lower pivoted buttons, *h*, upper pivoted button, *g'*, metal plate *g*, and pin *e*, of the reversible ironing-board E, provided with socket-boxes F, adapted to receive said tongues *d*, and hinged apertured lids *f*, adapted to bear against the said supports D and receive the pin *e*, substantially as shown and described, and for the purpose herein set forth.

DANIEL H. WELLER.

Witnesses:
THOS. J. B. RHOADS,
HENRY B. CONNER.