

(Model.)

S. BETTAG.

FOLDING FRAME FOR IRONING TABLES.

No. 512,794.

Patented Jan. 16, 1894.

Fig. 1.

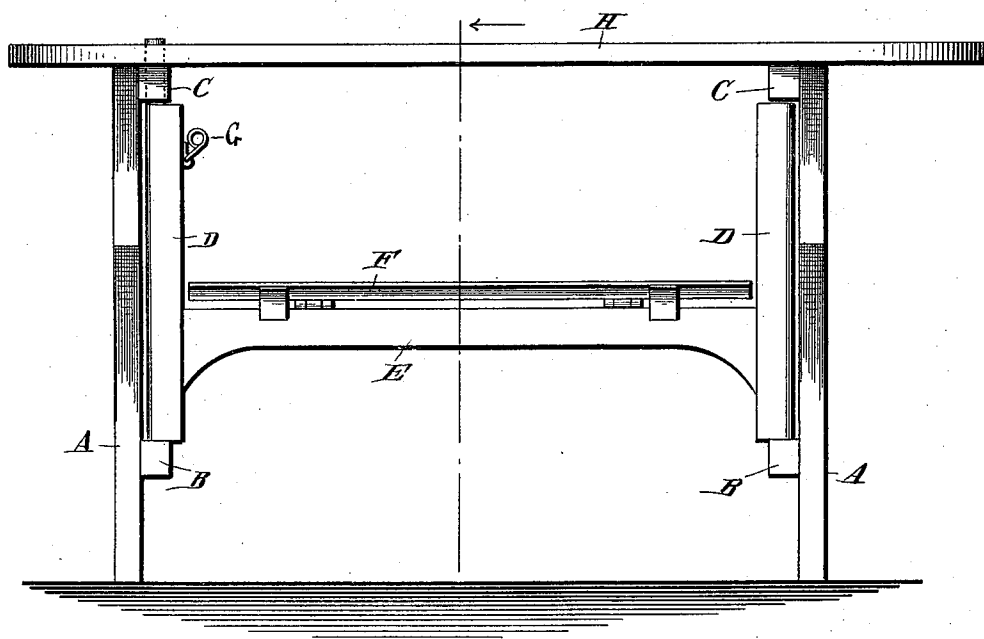
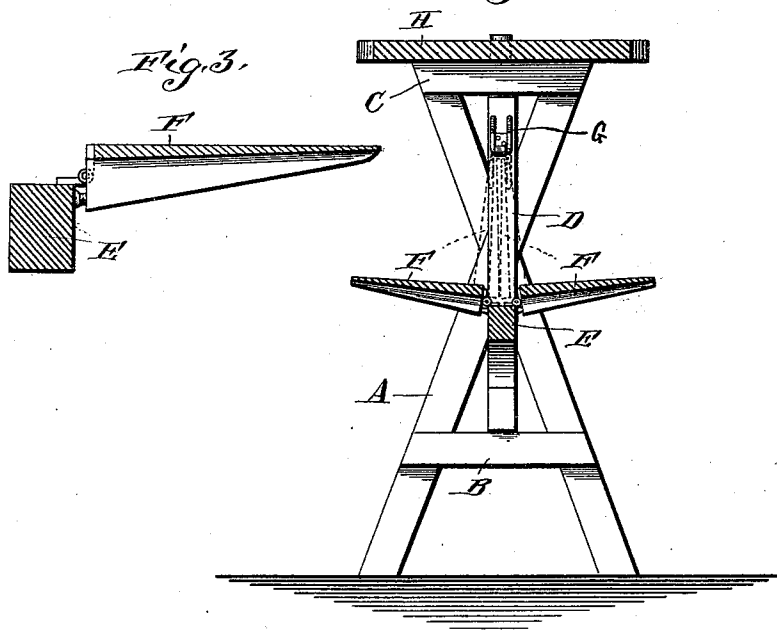


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

SEBASTIAN BETTAG, OF MARIAH HILL, INDIANA.

FOLDING FRAME FOR IRONING-TABLES.

SPECIFICATION forming part of Letters Patent No. 512,794, dated January 16, 1894.

Application filed August 7, 1893. Serial No. 482,633. (Model.)

To all whom it may concern:

Be it known that I, SEBASTIAN BETTAG, a citizen of the United States, residing at Mariah Hill, in the county of Spencer and State of Indiana, have invented a new and useful Improvement in Folding Frames for Ironing-Tables, of which the following is a specification.

My invention relates to an improvement in a folding frame for ironing tables, and the object is to construct a folding frame for the support of an ironing board which is compact when folded, light, strong, and readily movable, each end with reference to the other. I attain these objects by the devices illustrated in the accompanying drawings, in which—

Figure 1, is a side view of the folding frame, when unfolded, showing the position and location of the horizontal bar, drop-leaves, and metallic catch, which holds the drop-leaves in an upright position when the frame is folded. Fig. 2, is a sectional view, showing one of the cross legs, and also showing the position and location of the cross-bars, and vertical bar. Fig. 3 is a sectional view of one of the drop leaves.

This frame consists of two cross-legs, one at each end of the frame, each cross leg consisting of two parts, and each part of the cross-legs being connected at the top and near the bottom of the cross-legs by a cross-bar on the inner side of the cross-legs, the top of the upper cross-bar and top end of the cross-leg furnishing the base on which the ironing board rests.

Between each pair of cross-bars is an upright or vertical bar which is inserted into a round mortise in the lower surface of the upper cross-bar and upper surface of the lower cross-bar by means of a round tenon on each end of the upright bar, admitting motion of the upright bar. The upright bars are connected and firmly held together by a single horizontal bar, extending across from the lower portion of the upright bars. Fastened to said horizontal bar by means of hinges, are two drop-leaves, which when folded have the horizontal bar for a base, and are secured by a metallic catch on the side of the upright bar when not in use. The drop-leaves have on the lower surface of each one, two braces, one near each end. The inner end of each brace has a metallic projection, projecting out from the

end of the brace, so as to impinge on the sides of the horizontal bar and support the leaves when open. The tenon on one of the upright bars may project through the upper cross-bar and form a projection, and the ironing board may be attached by inserting this projection into a circular aperture in the board.

For a more complete description reference is made to the accompanying drawings.

A. A. are the cross-legs at each end of the frame, which may be of any size and length desired, and are firmly fastened together by means of cross-bars, and in order to fold the frame, the cross-legs are turned to either side. The sections or parts of the cross-legs, cross each other about one third of the way from the top end of the legs, forming acute angles above and below the cross.

B. B. are the lower cross-bars, which are fastened near the bottom or lower end of the cross-legs, and C. C. are the upper cross-bars which are fastened at the top end of the legs, and on which the ironing board rests, and in the lower side of the upper cross-bars C. C., and the upper side of the lower cross-bars B. B., at an equal distance from each end of the cross-bars, are round mortises for the reception of the round tenons of the upright or vertical bars D. D.; the vertical bars being connected and firmly held together by a single horizontal bar E. The vertical bars D. D. are the exact length of the distance between the cross-bars B. B.—C. C., and have a round tenon on each end, which may project through or partially through the cross-bars, depending on the depth of the round mortise for the reception of the tenon, and admits of a rotary motion of both or either the cross-legs A. A., and the vertical bars D. D.

To the horizontal bar E. are fastened by means of hinges, two drop leaves F. F., which when the frame is folded, are held together in an upright position by a single metallic catch G., placed on the inner side of one of the vertical bars, and when the frame is unfolded, said leaves may be opened outward from each other. The catch may be made of any metallic substance, ordinary wire is preferable, and is U-shaped, has two projecting arms connected by a cross-bar, and the catch is connected to the upright bar by a thin flat strip of metal, which embraces the cross-bar

of the catch, and is secured to the upright bar by means of a screw passing through the ends of the strip. When the drop-leaves are folded, the catch is placed over and upon each side of the leaves by pressing the catch downward, and when the catch is raised upward the leaves are released.

H. is the ironing board, which may be in one or more pieces, and of any size and shape desired.

To fold the frame, the top H. is removed, and the cross-legs A. A. are turned to either side as far as the horizontal bar E. will permit. To unfold the frame, the cross-legs A. A. are turned outward until they are at right angles to the horizontal bar E, the top is placed on, the drop-leaves F. F. may be opened, and the ironing board is ready for use.

This frame may be made of any material, of any size desired, and may be used for a table by placing any kind of a top on it in the same manner as the ironing board.

This frame will be useful on account of its convenience, strength, lightness, its being readily folded so that it may be hung or placed against the wall, and its mobility, not only in moving the frame, but also in allowing one end to be slipped from under the board and returned.

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

1. The combination in a frame and support

for an ironing board, of drop-leaves attached to a base below the center of the leaves, by means of hinges, and braces on the lower surfaces of the leaves which have projections from the lower portion of their inner ends which impinge on the central support when opened, the leaves forming a shelf below the ironing board.

2. The combination in a frame for the support of an ironing board, having cross-legs A. A., each cross leg being connected at the top and near the lower end by cross-bars, B. B.— C. C., and vertical bars D. D., fitted between and connected with the cross-bars, by means of tenons on the vertical bars, and mortises in the cross-bars for the reception of the tenons, so as to admit of a rotary motion of both or either the cross-legs and vertical bars, allowing the frame to be folded as described, and permitting each end to move, with reference to the other, and having drop-leaves F. F., attached to and resting upon the horizontal bar E., as a base, by means of hinges, the drop-leaves having braces on their lower surface, the lower and inner ends of the braces having projections that impinge on the horizontal bar when the leaves are open.

In testimony whereof I affix my signature in presence of two witnesses:

SEBASTIAN BETTAG.

Witnesses:

GEORGE M. STURM.

JOS. M. STURM.