

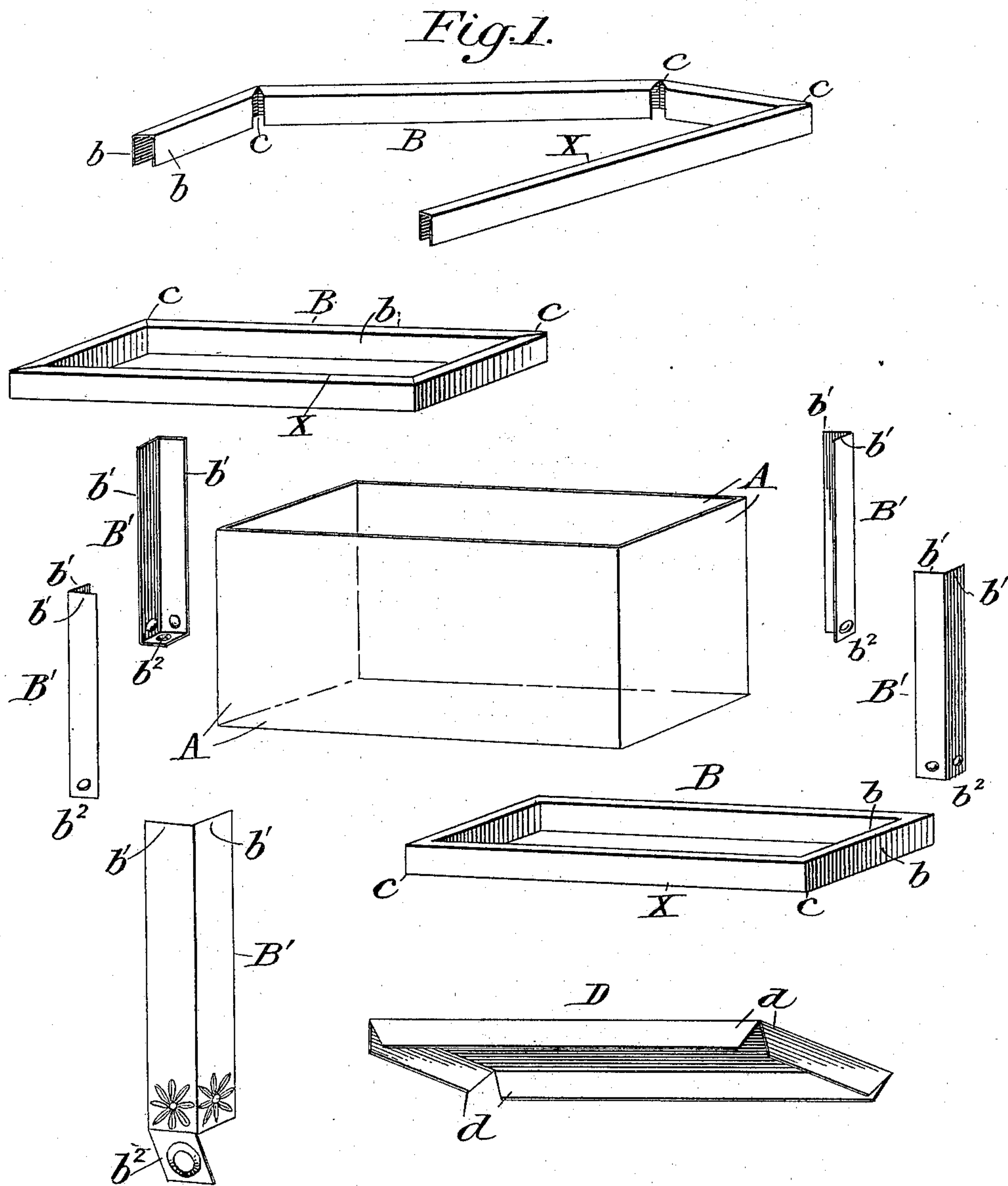
(No Model.)

2 Sheets—Sheet 1.

G. W. FROHLICH.
DISPLAY BOX.

No. 605,248.

Patented June 7, 1898.



Witnesses:

J. Schultz
A. J. Saly

Inventor:

George W. Frohlich.

(No Model.)

2 Sheets—Sheet 2.

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Fig. 2.

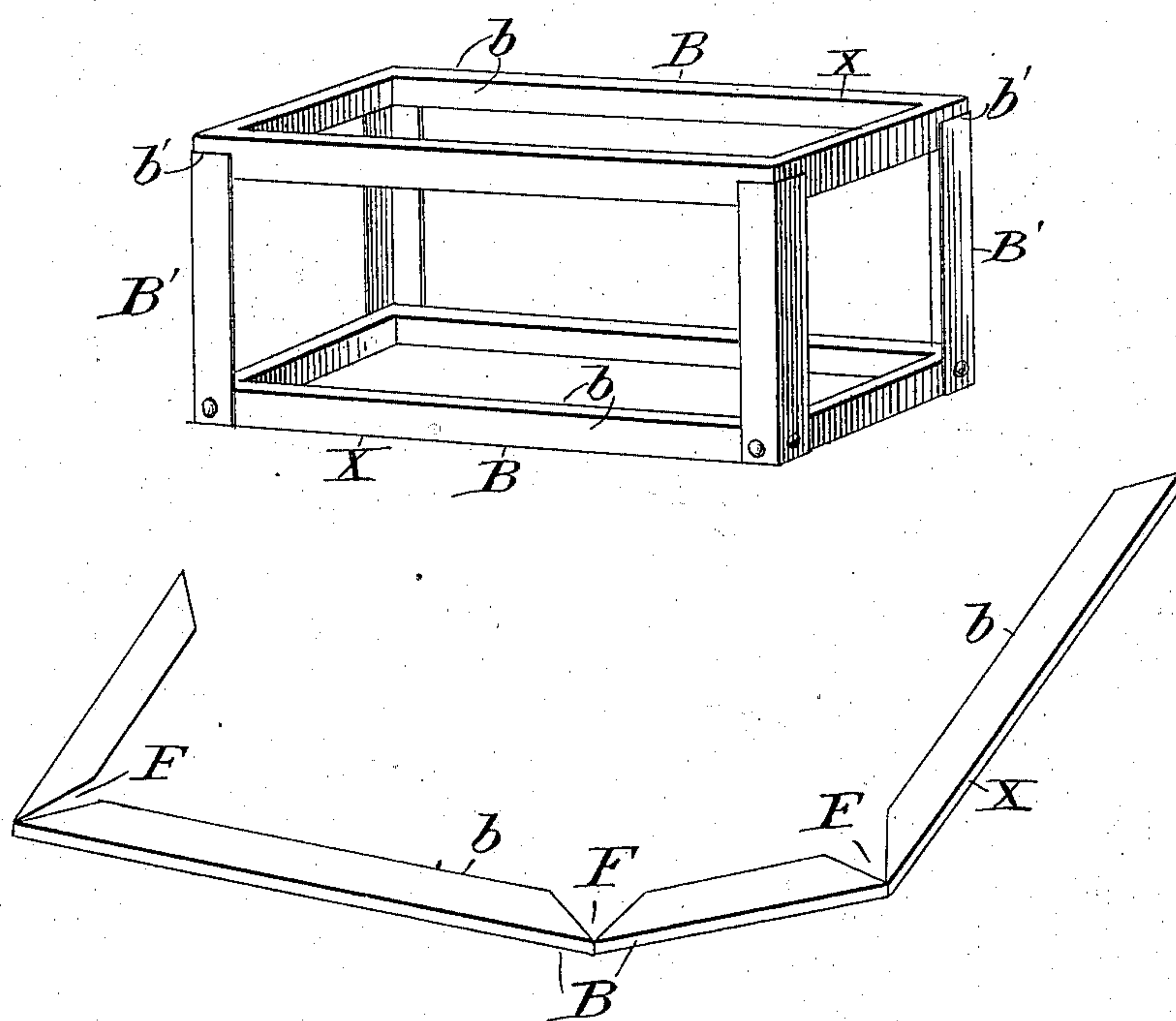
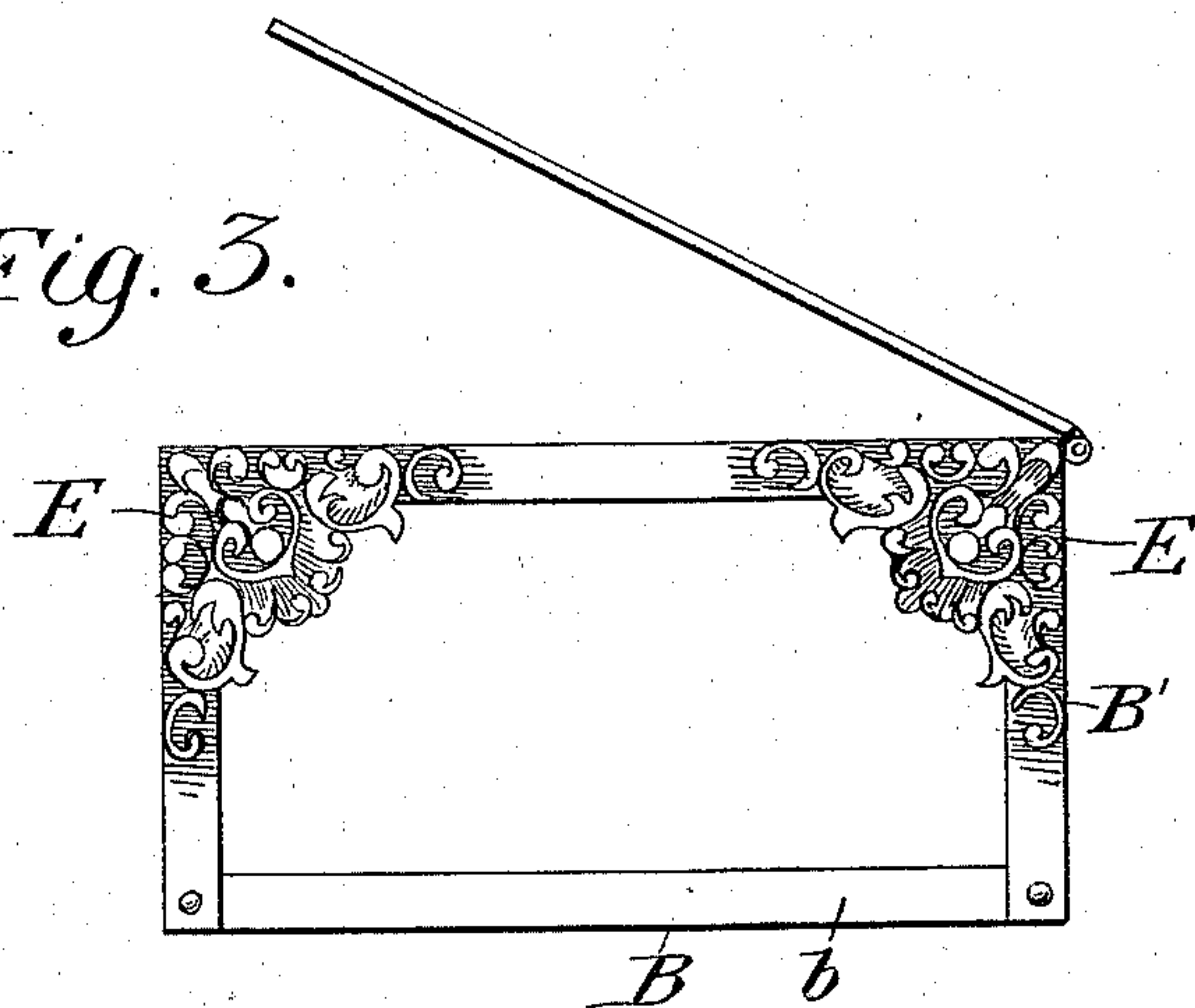


Fig. 3.



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UNITED STATES PATENT OFFICE.

GEORGE W. FROHLICH, OF CHICAGO, ILLINOIS.

DISPLAY-BOX.

SPECIFICATION forming part of Letters Patent No. 605,248, dated June 7, 1898.

Application filed May 10, 1897. Serial No. 635,970. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. FROHLICH, a citizen of the United States, and a resident of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Display-Boxes, the following being a specification thereof, and referring to the accompanying drawings for the same, in which corresponding parts are indicated by similar letters of reference.

This invention relates to improvements in the construction of display-boxes, having for its object and purpose the provision of an article which will be inexpensive, practical, and attractive. The same will be hereinafter fully described, and set forth in the annexed claim accordingly.

Of the said drawings, Figure 1 is a perspective view of four upright walls of my display-box detached from their metallic binding-bars. Fig. 2 is a similar view showing the said parts united. Fig. 3 is an end view of a finished display-box with open door.

In the use of my invention the walls of the display-box consist of panels A and metallic binding-bars B and B'. The said binding-bars B have two parallel flanges *b* extending inwardly from and being integrally formed at right angles with the outer edge X or connecting-flange and are thus shaped for the perfect admittance of said panels. The cross-sections or upright bars B' constitute a combination of binding-post having an ornamented foot *b*² stamped from the lower end—that is, it binds the upper and lower bars B together and has a smooth foot for support. These said upright bars cover the corners and are in shape a right angle.

To construct a display-box, I use two lineal sections of binding-bar B, each of a length equal to the sum measurement horizontally around the outside of the display-box desired. These said sections B, being mitered at three certain intervals C, which determine the dimensions of the box, and also at each end—that is, the inner flange *b* and connecting-flange X—are cut out in such a manner that the binding-bars may be bent horizontally, while the said flanges *b* are perpendicular. They are then bent where said intervals occur, then soldered at the connecting-joints of the ends, resulting in duplicate squares, being exact counterparts and reciprocal. I use one of these binding-bars B, formed to a square, as described, as a base-molding for

my display-box, and into it I insert the four panels or walls, which are held in an upright position by the clamping of said parallel flanges around the edges thereof. The corresponding section B is then pressed down upon the upper edges of the four panels cap fashion, it being virtually a crown-molding. These reciprocal binding-bars are now securely connected by the four cross-section binding-posts B' or uprights, one at each corner, fastened to the lower and upper binding B', as shown in Figs. 2 and 3. The foot of cross-section B' is fashioned around the corner, which it covers, in such a manner that the solder may be applied at the bottom out of view, and the upper end is sufficiently short to admit of soldering against the outer flange *b*, and is concealed with a metallic ornament E, soldered on. A bottom D, of sheet metal, with flanges *d* all around turned at right angles therewith, is inserted flange downward and telescoped between the panel-walls A and the inner flange of the base binding-bar B. I use one lineal section of said binding-bar B, miter both flanges F thereof at three proper intervals, and bind the door-panel therewith, soldering their ends together at their points of juncture. This door is attached to the walls of the box by ordinary hinges.

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

A display-box in which the upright walls are bound and held by upper and lower binding-bars, each formed of a single piece of sheet metal having a base and two parallel flanges, the inner flange and base cut away at intervals that the bar may be bent upon the outer flange to conform to the shape of the box; said binding-bars being held together by angular sheet-metal cross-sections B', forming posts and feet, said box having a bottom fastened to the inner flange of lower binding-bar; and a cover bound with a single piece of sheet metal having cut flanges and hinged to the upper binding-bar.

In testimony of the foregoing claims being my invention I sign my name this 20th day of March, 1897.

GEO. W. FROHLICH.

Witnesses:

R. MUELLER,
A. NELSON.