No. 765,792. PATENTED JULY 26, 1904.

J. B. ROHRER.

COMBINED STEP LADDER AND IRONING BOARD.

APPLICATION FILED JUNE 4, 1903.

NO MODEL. 2 SHEETS—SHEET 1.

Fig. 1.

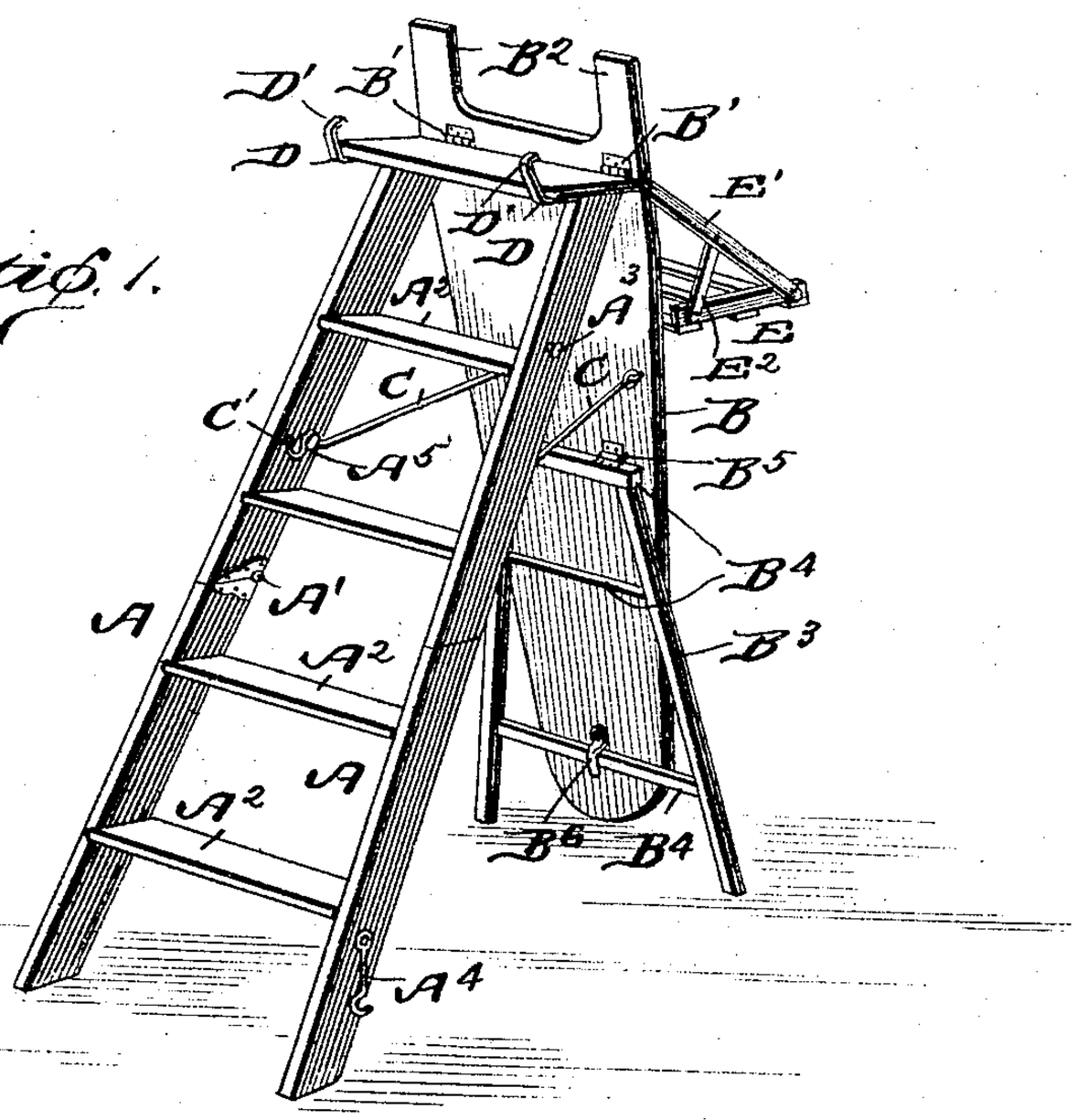
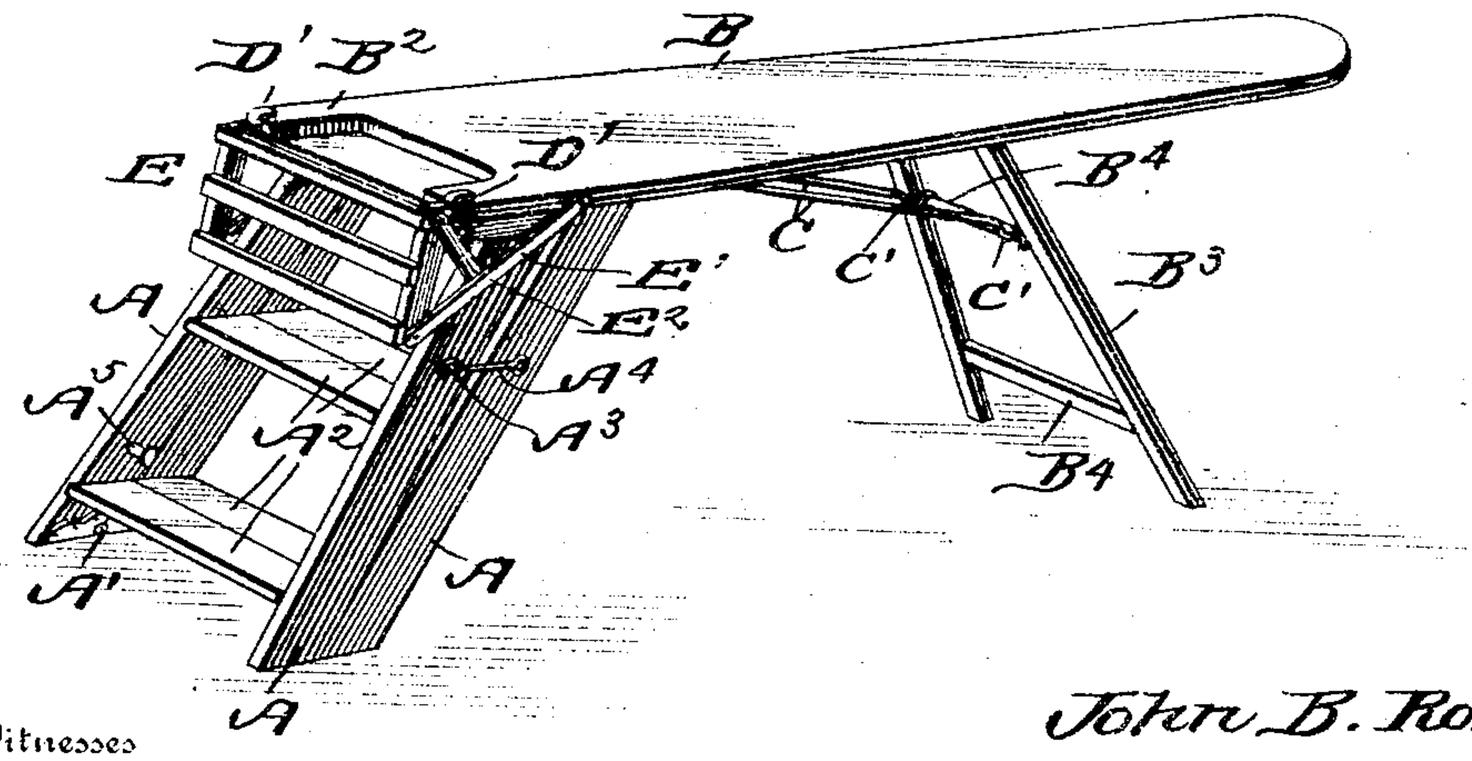


Fig. 2.



Witnesses

M. D. Blondel.

Clarence Shaw

Inventor

John B. Rohrer.

By O'Meara & Brock,

Attorneys

No. 765,792. PATENTED JULY 26, 1904.

J. B. ROHRER.

COMBINED STEP LADDER AND IRONING BOARD.

APPLICATION FILED JUNE 4, 1903.

NO MODEL. 2 SHEETS—SHEET 2.

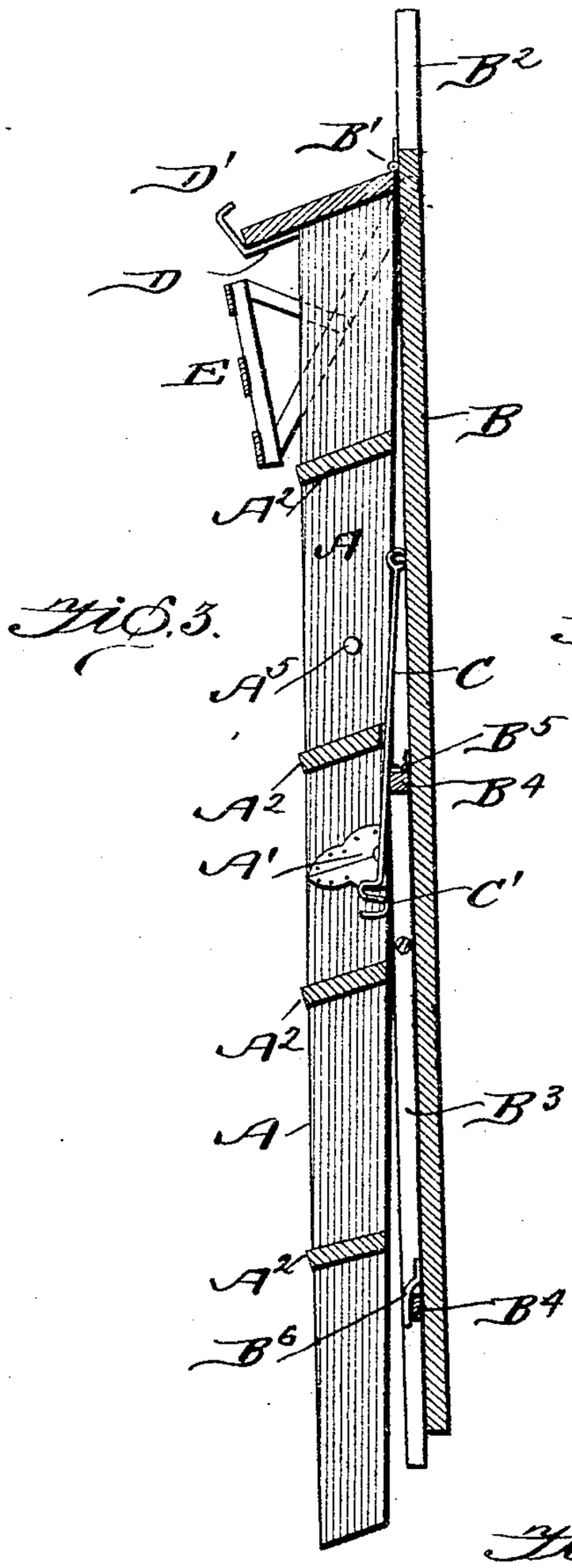


Fig. 3.

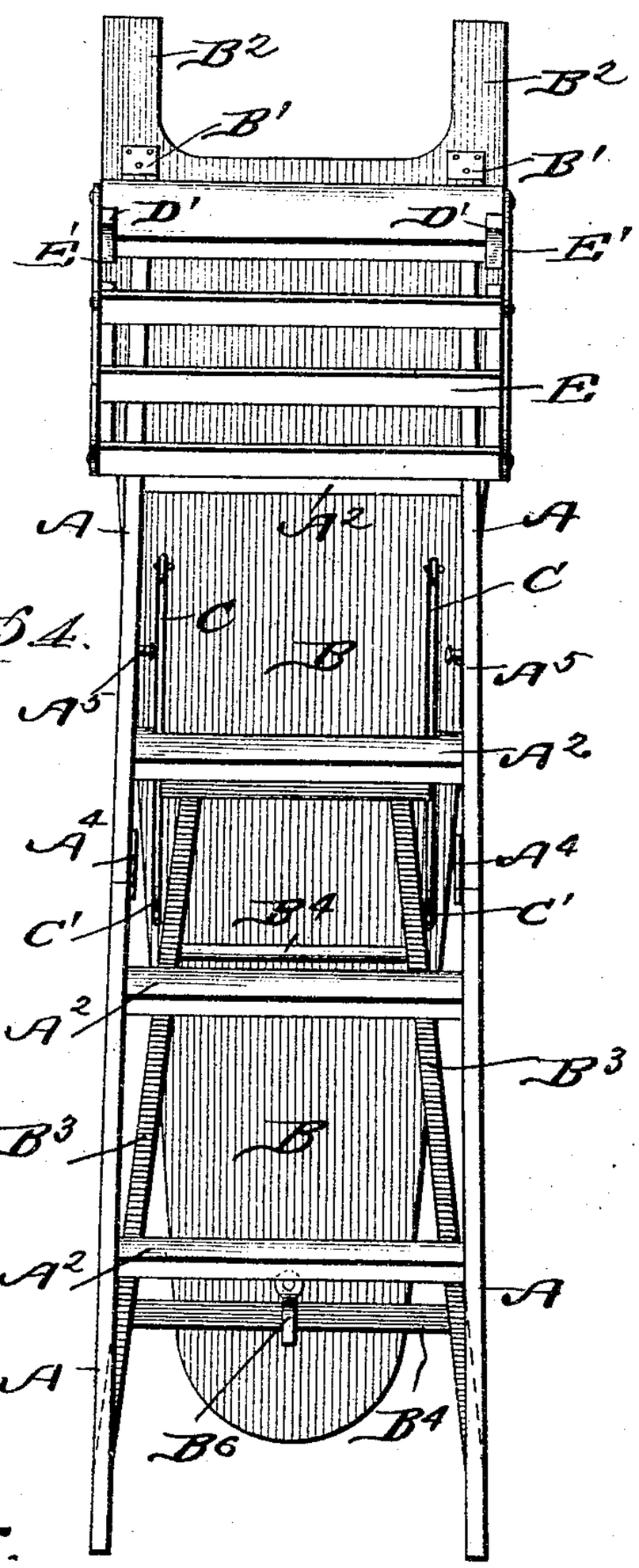


Fig. 4.

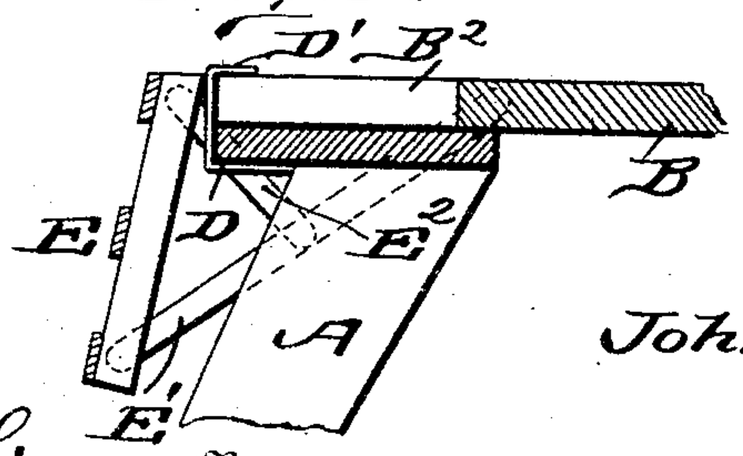


Fig. 5.

Witnesses
M. D. Blondell
Clarence Shaw

Inventor
John B. Rohrer.

By O'Meara & Brock,
Attorneys

No. 765,792. Patented July 26, 1904.

UNITED STATES PATENT OFFICE.

JOHN B. ROHRER, OF PHILADELPHIA, PENNSYLVANIA.

COMBINED STEP-LADDER AND IRONING-BOARD.

SPECIFICATION forming part of Letters Patent No. 765,792, dated July 26, 1904.

Application filed June 4, 1903. Serial No. 160,099. (No model.)

To all whom it may concern:

Be it known that I, JOHN B. ROHRER, a citizen of the United States, residing at Philadelphia, in the State of Pennsylvania, have invented a new and useful Combined Step-Ladder and Ironing-Board, of which the following is a specification.

My invention is a combined step-ladder and ironing-board; and my object is to devise a useful article of household and kitchen furniture which shall be durable in construction and free from unnecessary or complicated parts.

My invention consists in the novel features of construction and combination of parts described hereinafter, particularly pointed out in the claims, and shown in the accompanying drawings, in which—

Figure 1 is a perspective view of my device, showing it employed as a ladder. Fig. 2 is a perspective view of my device, showing it employed as an ironing-board. Fig. 3 is a longitudinal section, the ironing-board section being folded against the ladder-section. Fig. 4 is a front view, the parts being in the same position as in Fig. 3. Fig. 5 is a detail view, partly in section, showing the means employed for locking the ironing-board when in a horizontal position to the upper step of the ladder-section.

In constructing the article of furniture shown in these drawings I employ a ladder-section comprising the side rails A, each rail being formed of two pieces of equal length connected by a rule-hinge A′ and the steps A^2, the top step being wider than the other steps. An ironing-board B, having the usual outline, is hinged adjacent one end to the rear of the top step, as at B′, and the board also has two parallel projecting arms B^2, adapted to lie across the top step when the board is in a horizontal position.

Hinged to the under side of the board B are a pair of supporting-legs B^3, connected by the cross-pieces B^4, the hinges B^5 being secured direct to the board and the upper cross-piece.

Pivotally secured to the under side of the board between the hinges B′ and B^5 are brace-rods C, having **S**-shaped hooks C′ at their free ends adapted to engage pins A^5, as hereinafter explained, when the device is used as a step-ladder and to engage the cross-piece B^4 when the ironing-board is in use.

To the front under edge of the top step are secured angular spring-brackets D, the upper ends D′ of the brackets projecting inwardly above the top step.

A grated frame E is secured to the arms E′ E^2, the arms E′ being pivoted to the sides of board B adjacent the hinges B′ and of sufficient length to permit the bracket to swing over clear of the outer ends of the arms B^2.

Pins A^3 are arranged on one piece of each rail A and hooks A^4 upon the other piece. A turn-button B^6 is arranged on the under side of the board B and is adapted to be turned over the lower cross-piece B^4 and clamp same to the board.

The manner of using my device is as follows: To convert the parts into a step-ladder, the ladder-section is opened out, as shown in Fig. 1. The legs B^3 are clamped to the board by means of the button B^6, and the parts are braced by the rods C, the hooks C′ engaging pins A^5 on the inner sides of the rails. The grating E rests against and transverse to the board and serves as a support on which articles, pails of water, &c., may be rested.

When it is desired to use the device as an ironing-board, the ladder-section is folded on itself and secured by the hooks A^4 engaging the pins A^3. The legs B^3 are moved into the position shown in Fig. 2 and braced by the rod C and the hook C′ engaging the middle round or cross-piece B^4. The arms B^2 extend across the top step of the ladder, and when the frame E is swung into the position shown in Fig. 2 it bears against the spring-brackets D, and the ends *d′* are forced inward, engaging the ends of the arms B^2 and clamping them to the step.

When not in use, the device may be simply folded, as shown in Fig. 3, and can be stood in a corner or closet.

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

1. A device of the kind described comprising a ladder-section adapted to fold upon itself, an ironing-board hinged to the top step of

said ladder-section and adapted to rest when in a horizontal position on said top step, spring-brackets carried by the top step adapted to engage the ironing-board when the latter is in a horizontal position, supplemental supporting-legs hinged to the ironing-board, a cross-piece connecting the supporting-legs, and brace-rods hinged to the board and adapted to engage one of said cross-pieces.

2. A device of the kind described comprising a ladder-section, angular spring-brackets secured to the top step of the said ladder-section, a board hinged to the rear of said step and adapted to serve as a supporting-leg for the ladder when in an upright position, arms extending from said board and resting across the step when the board is in a horizontal position, and a frame pivotally secured to said board and adapted to act as a bracket when the board is in an upright position and to swing over the ends of the arms and force the angular spring-brackets into engagement with the ends of the arms when the board is in a horizontal position.

3. A device of the kind described comprising a ladder-section adapted to fold on itself, a board hinged to the top step of said ladder-section adapted to serve as a supporting-leg when the ladder-section is unfolded, said board extending above the ladder-section and having its upper end cut out forming parallel projecting arms, said arms being adapted to rest on the top step when the ladder-section is folded and the board is in a horizontal position, and a swinging bracket secured to the board adjacent its upper end.

JOHN B. ROHRER.

Witnesses:
E. ROHRER,
FRED. W. CASSIDY.