

(No Model.)

G. W. GARDNER.
IRONING BOARD.

No. 420,297.

Patented Jan. 28, 1890.

Fig. 1.

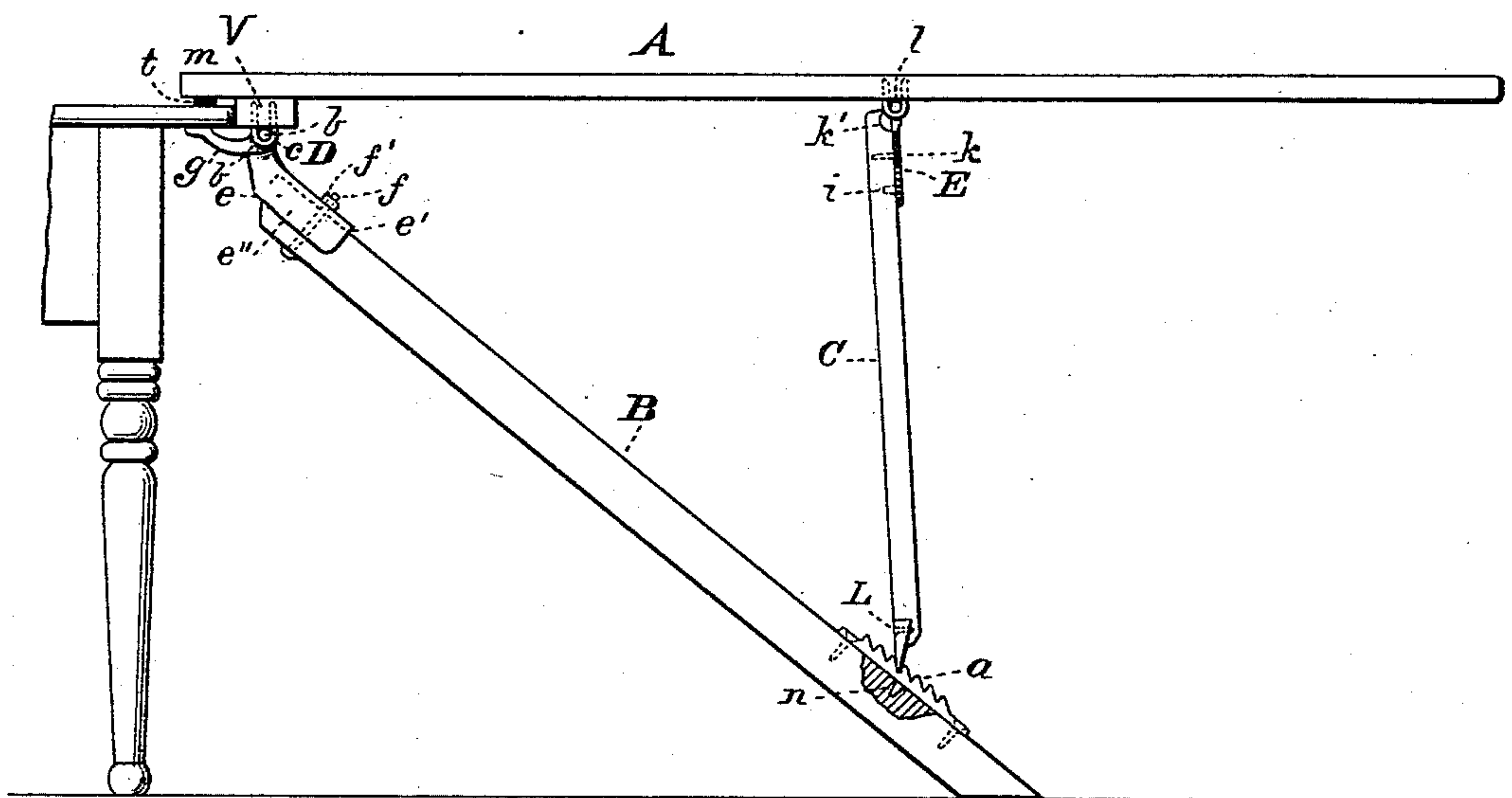


Fig. 2.

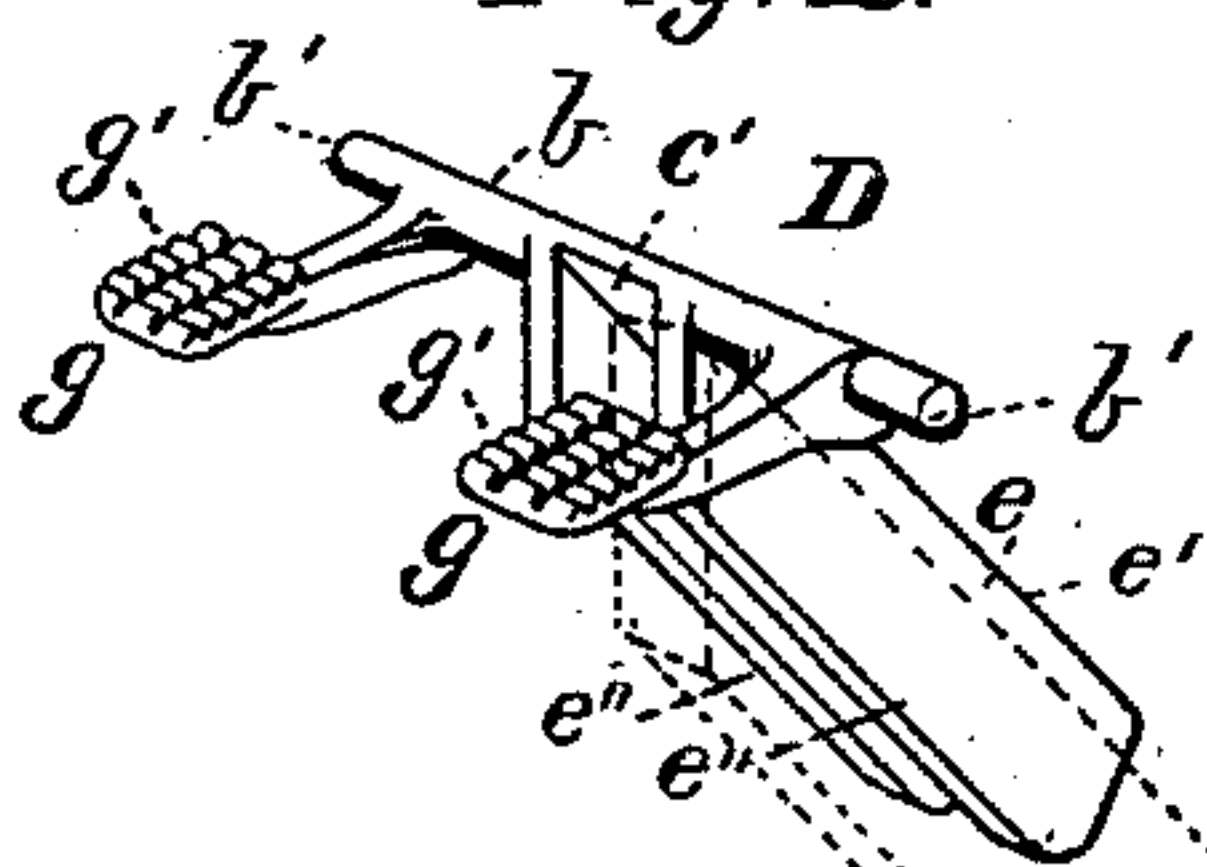


Fig. 3.

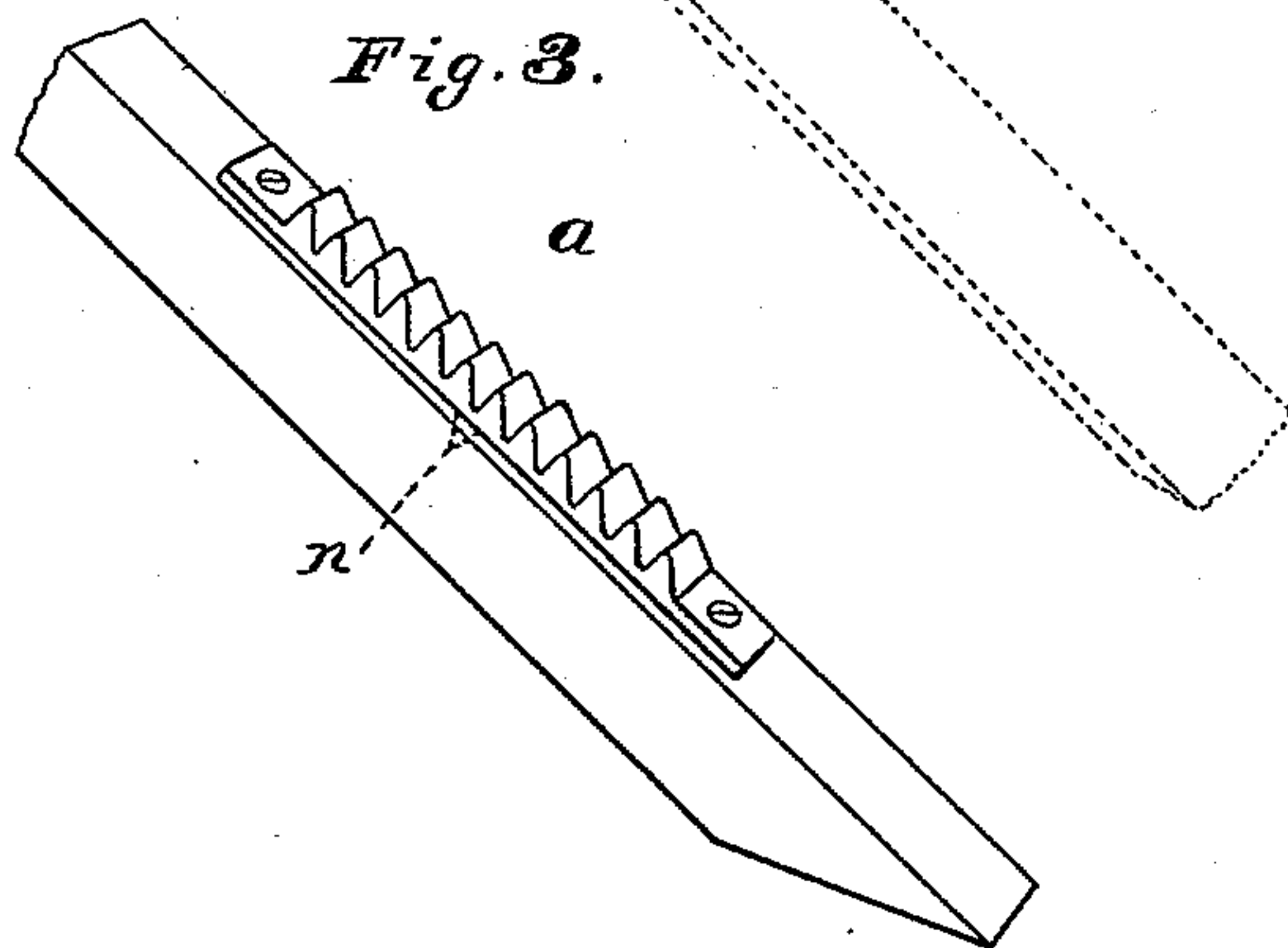


Fig. 4.

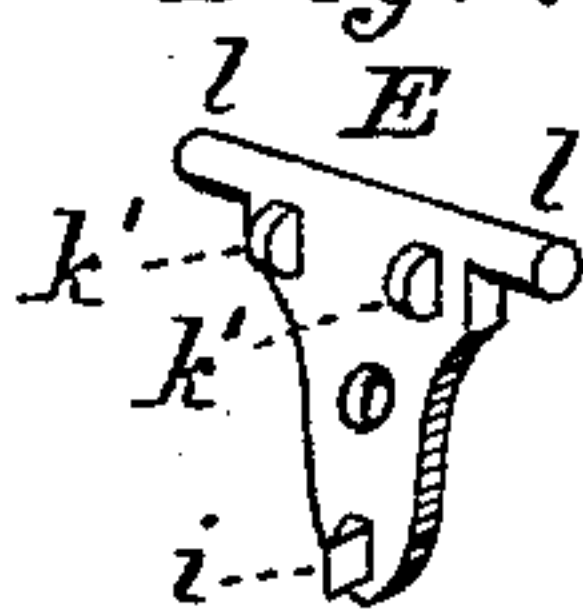


Fig. 6.7'

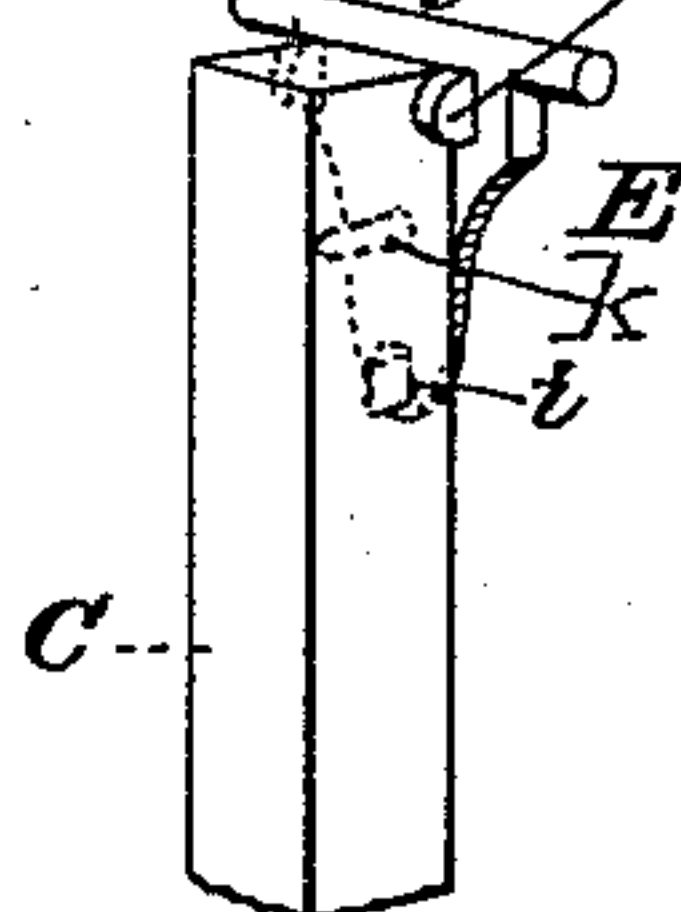


Fig. 7.

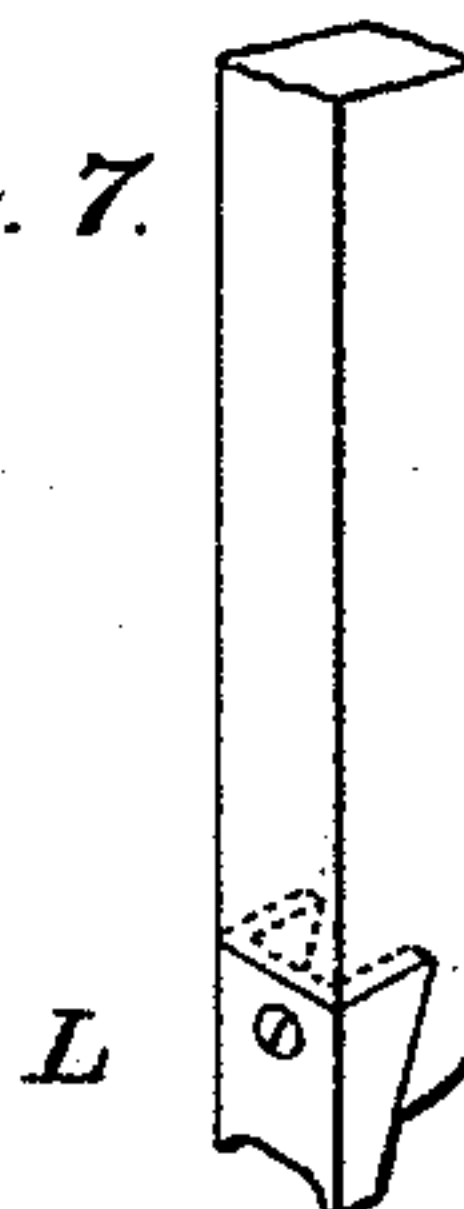


Fig. 5.



WITNESSES.

Villette Anderson,
J.W. Anderson

INVENTOR

Geo. W. Gardner
by Edw. Anderson
his Attorney

UNITED STATES PATENT OFFICE.

GEORGE W. GARDNER, OF NAPOLEON, OHIO.

IRONING-BOARD.

SPECIFICATION forming part of Letters Patent No. 420,297, dated January 28, 1890.

Application filed June 29, 1889. Serial No. 316,117. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. GARDNER, a citizen of the United States, and a resident of Napoleon, in the county of Henry and State of Ohio, have invented certain new and useful Improvements in Ironing-Boards; and I do 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, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of this invention and is a side view. Fig. 2 is a detail and a perspective view. Fig. 3 is a detail and perspective view. Figs. 4, 5, 6, and 7 are also perspective views and details.

This invention relates to ironing-boards; and it consists in the novel construction and combination of parts, as hereinafter specified, and pointed out in the claim.

In the accompanying drawings, the letter A designates the board, which may be of the usual elongated form. This board has an inclined support B hinged thereto underneath at one end, and a vertical prop C hinged thereto underneath near the middle of the board, to engage by its lower end a metallic rack *a* on the upper surface of the inclined support B, whereby the board is held in position.

D is a combined hinge and clamp, consisting of a transverse body-bar *b*, its clamp-arms, rectangular bearing-extension, and journals. The journals *b'* project outward laterally from the end of the bar *b*, and are designed to engage bearings *c* under the transverse cleat V of the board. The middle of the bar is notched, as at *c'*, and from this notched portion projects downward and inward obliquely the bearing-extension *e*, which is rectangular in cross-section, having the bottom *e'* and parallel side walls *e''*, which engage the top and sides of the support at its upper end. The bearing-extension *e* is secured to the support B by screw-bolt *f* and nut *f'*. The clamp-arms *g g* project outward and rearward from the end portions of the bar *b* at right angles thereto, and are curved

upward at their ends and provided with serrated bearings *g'* to engage under the marginal portion of a table, while the rear extension *m* of the board rests upon the upper surface of the table, as indicated in the drawings, the cleat V, to which the hinge-clamp is pivoted, serving to provide an abutment for the edge of the table and to afford a proper clamping-space to receive the table edge.

E is an angular hinge-plate, designed to be attached to the vertical prop C, and secured thereto by means of spur *i*, projecting from its abutting face, and a screw *k*. This plate is provided with laterally-projecting journals *l* outside of the side bearing-lugs *k'*, said journals being designed to engage suitable bearings secured to the bottom of the board A.

L is a rectangular side-flanged plate attached to the end of the prop C and designed to form a durable pawl end to engage the rack *a* of the inclined support B when the board is adjusted in position. The rack *a* is attached to the support by means of end screws, and is additionally secured by a central lug *n*, which is let into the support, to provide a positive purchase for said rack and to avoid straining and loosening the end screws.

When the board is to be attached to the table edge, the cleat V is made to abut against said edge, which is then caught between the clamp-arms of the hinge-clamp and the under side of the end of the board. The support B is then lowered and braced by causing the pawl-plate of the vertical prop C to engage the rack of the inclined support.

The under side of the rear extension *m* of the board, which rests upon the table, is provided with rubber cushions *t* to prevent abrasion of the surface.

What I claim, and desire to secure by Letters Patent, is—

In an ironing-board, the combination, with the board having secured to its under side near one end a transverse cleat provided with pendent bearings, of the inclined support or leg, the hinge-clamp consisting of a normally-inclined socket which receives the upper end of said support or leg, and a transverse axial

bar having the rearwardly-curved arms provided with serrated bearing-plates at their rear ends, said axial bar also having journal-extensions beyond said arms, which engage
5 the bearings of said cleat, and a prop connected to the table and engaging said inclined support, substantially as set forth.

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

GEORGE W. GARDNER.

Witnesses:

S. M. HOGUE,
H. C. HOGUE.