

(No Model.)

P. HIRES.
IRONING BOARD.

No. 407,528.

Patented July 23, 1889.

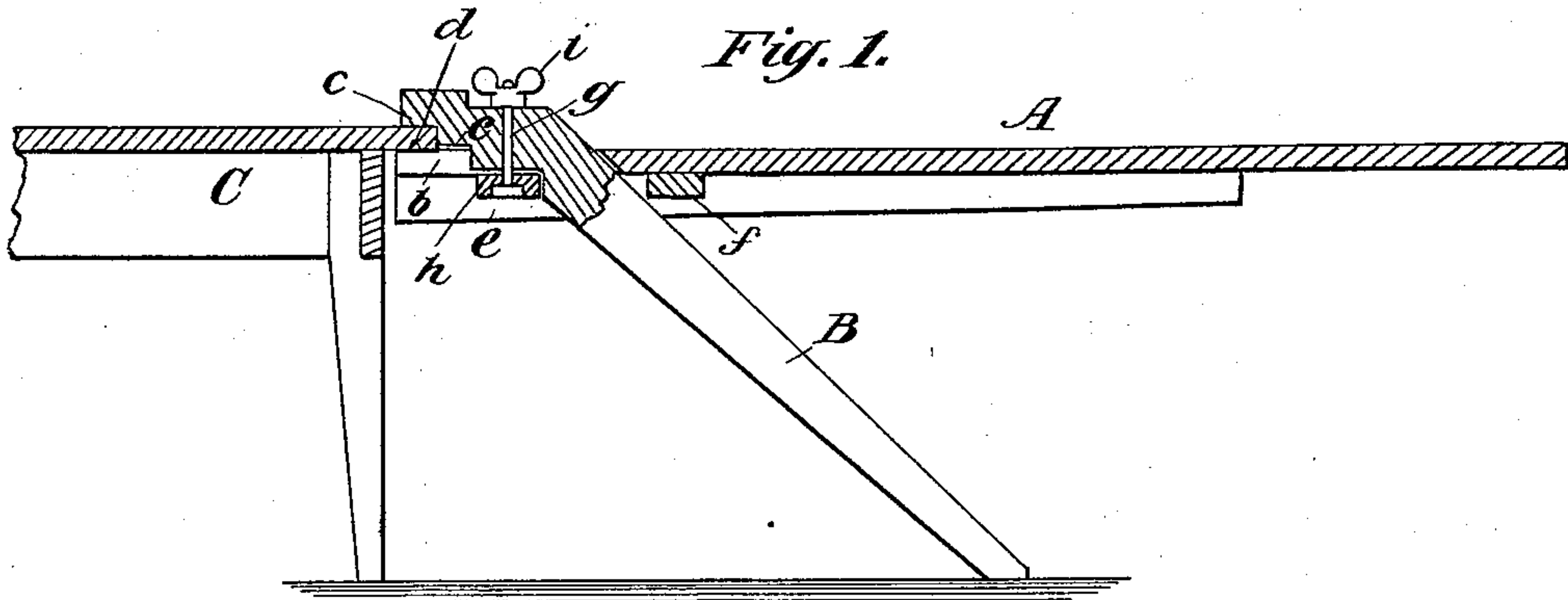


Fig. 2.

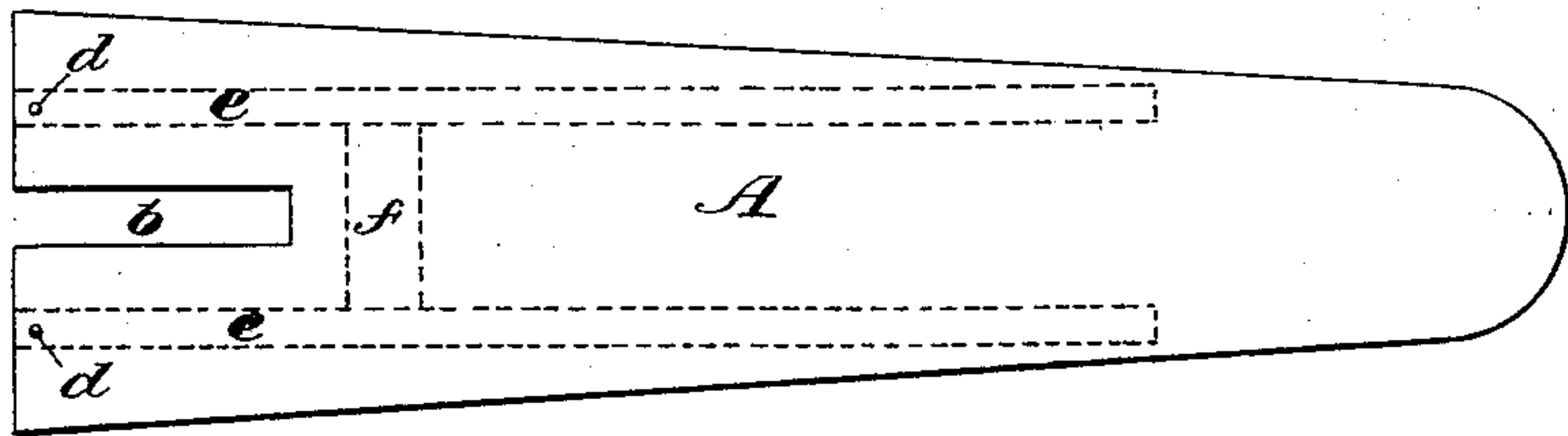
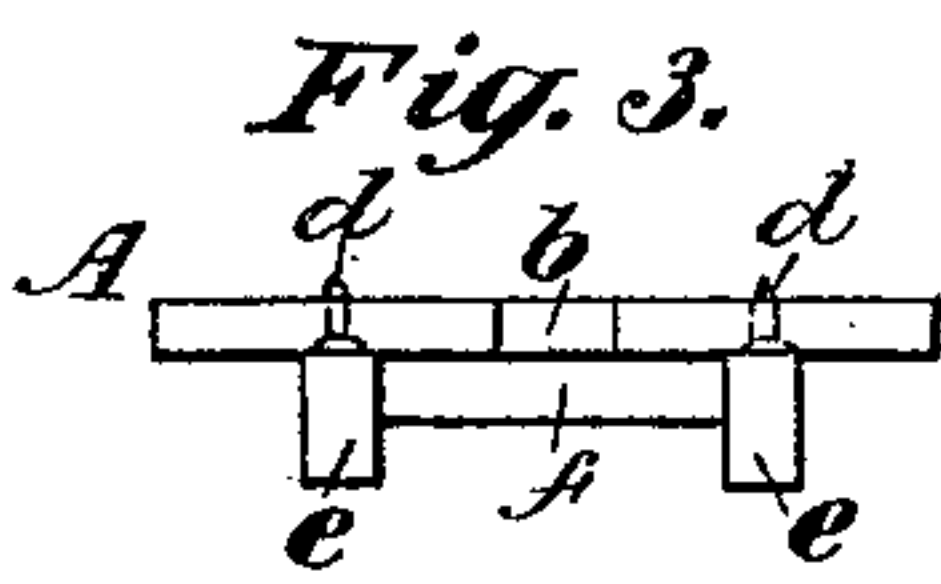


Fig. 4.

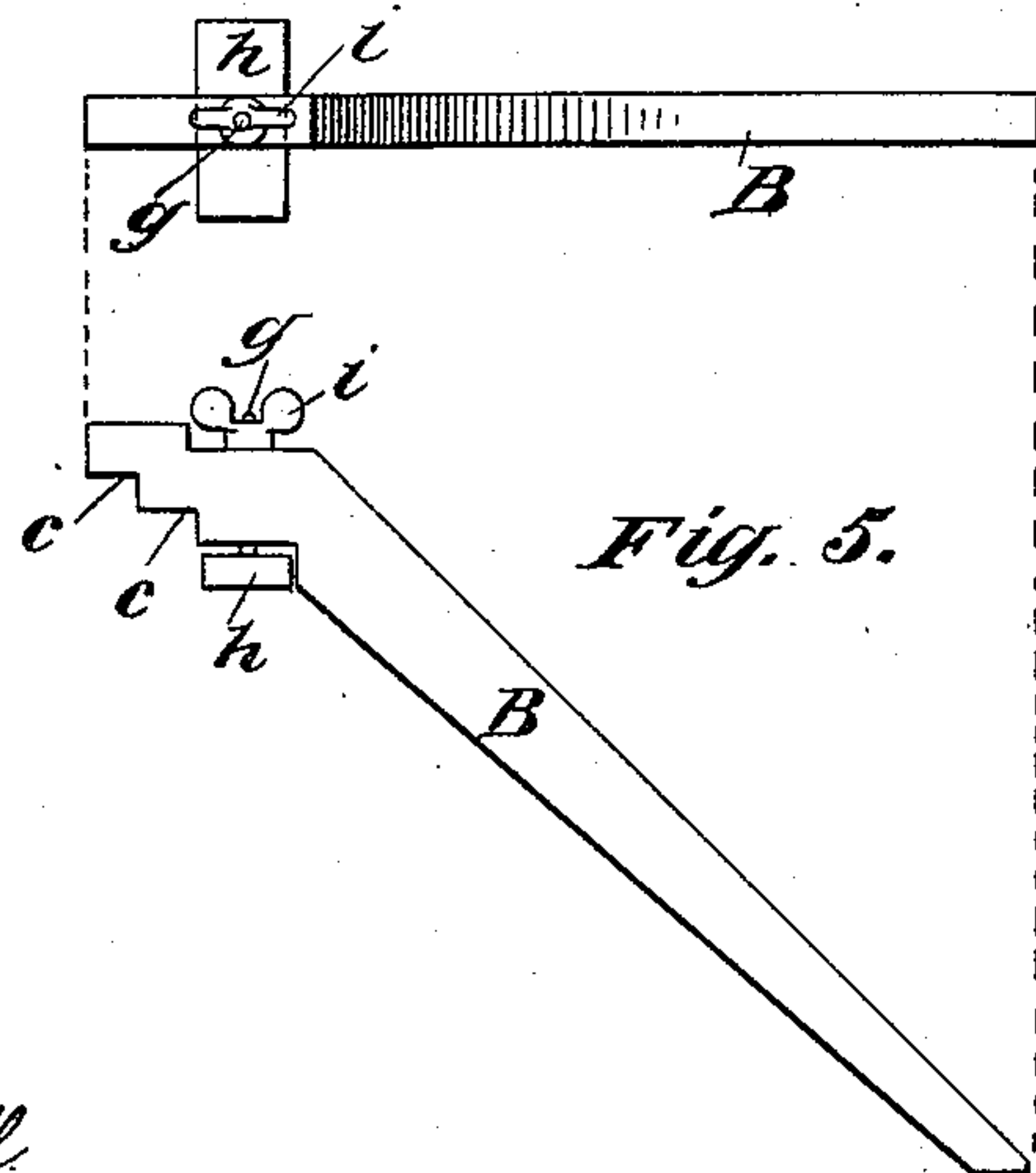


Fig. 5.

WITNESSES:

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PHILLIP HIRES, OF CLINTON, KENTUCKY, ASSIGNOR TO HIMSELF, W.
CLAYTON PORTER, AND JOHN P. DAVIS, ALL OF SAME PLACE.

IRONING-BOARD.

SPECIFICATION forming part of Letters Patent No. 407,528, dated July 23, 1889.

Application filed April 9, 1889. Serial No. 306,518. (No model.)

To all whom it may concern:

Be it known that I, PHILLIP HIRES, of Clinton, in the county of Hickman and State of Kentucky, have invented a new and useful
5 Improvement in Ironing-Boards, of which the following is a full, clear, and exact description.

This improvement in ironing-boards consists in certain novel constructions and combinations of parts, substantially as hereinafter described, and pointed out in the claims,
10 whereby great strength with stability when in use and convenience of application are secured.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate
15 corresponding parts in all the figures.

Figure 1 represents a mainly-sectional longitudinal elevation of an ironing-board embodying my invention and as secured to a table for its support. Fig. 2 is a plan view of the board detached; Fig. 3, an inner end view of the same; and Figs. 4 and 5, a plan and
20 side view respectively of the brace which is used in connection with the board, showing also the means by which it is secured to the table or support.

A indicates the ironing-board, which is made
30 of tapering width and preferably of the following dimensions, viz: from four and a half to five feet long, sixteen inches wide at its inner end, eight inches wide at its outer end, and from three-quarters of an inch to one
35 inch thick. These proportions of course apply to a main ironing-board for general work. For a sleeve or bosom board, (not here shown,) which may be used in its place, and which should be constructed to be similarly supported, the proportions may be three feet
40 long, eight inches wide at its largest end, four inches wide at its smallest end, and from half of an inch to three-quarters of an inch thick. Said board A is provided intermediately of
45 its width at its widest end with a longitudinal slot *b*, open in the rear for insertion of the upper end of the independent foot or brace B, which may be about three or four feet long and of suitable width and thickness. The

upper end portion of this brace is constructed
50 on its under side with a series of steps *c c*, either one of which may be used to support the board A upon the end of a table C, shelf, or other fixture, and which series of steps will provide for raising or lowering the end of the
55 board, as desired. The rear end of the board is also provided with pointed spurs *d d*, arranged to project above its upper surface and designed to stick into the under side of the table or support for the purpose of aiding in
60 firmly holding the ironing-board to its place. These spurs I usually form of screws inserted from the under side of the board and having their heads covered by longitudinal strips *e e*, which serve to strengthen the board and
65 keep it from springing. These battens or strips *e e* only extend a portion of the length of the board, and between them, near the closed end of the slot *b*, is a transverse strip
70 *f*, which keeps the board from splitting. In smaller ironing-boards the longitudinal strips *e e* may be omitted.

The brace B, which forms the ground-support for the board A and assists in holding it to the table or shelf, is fitted at its upper
75 end with a screw-bolt *g*, inserted from below through a transverse clamp or strip *h*, and provided above with a thumb-nut *i*, which on being tightened will draw up the clamp *h* against the under side of the board and hold
80 either of the stepped parts *c c* down on the table or shelf, thus firmly securing the brace and board to their places, and acting in this respect in conjunction with the spurs *d d*. This means of attachment will not only give
85 a solid support, which will prevent either the board or brace from tilting over or loosening when a sad-iron or other heavy weight is placed upon the larger end of the ironing-board, but it provides for the board and brace
90 being quickly as well as securely attached and of being expeditiously detached when required.

With the large board A dress-skirts, shirts, and other articles of dress of circular form
95 may readily, and without meeting with any obstruction, be conveniently ironed.

No springs, hinges, or other metal fixings

besides the screw-bolt *g*, with its nut *i*, and the usual nails or screws, will be required in the construction of this ironing-board.

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

1. The combination of the ironing-board *A*, having a slot *b* in its inner end, the detachable brace *B*, provided with a series of steps on the under side of its upper end portion, the screw-bolt *g*, thumb-nut *i*, and transverse clamp *h*, substantially as specified.

2. In an ironing-board, the combination, with the detachable brace *B*, provided with one or more steps or bearing-surfaces *c* on the under side of its upper portion, screw-bolt *g*, thumb-nut *i*, and clamp *h*, of the board *A*, having a slot *b* in its inner end, and the spurs *d*, arranged to project above the upper surface of the board, essentially as described.

PHILLIP HIRES.

Witnesses:

GEO. FRY,

JNO. B. MAHAN.