

(No Model.)

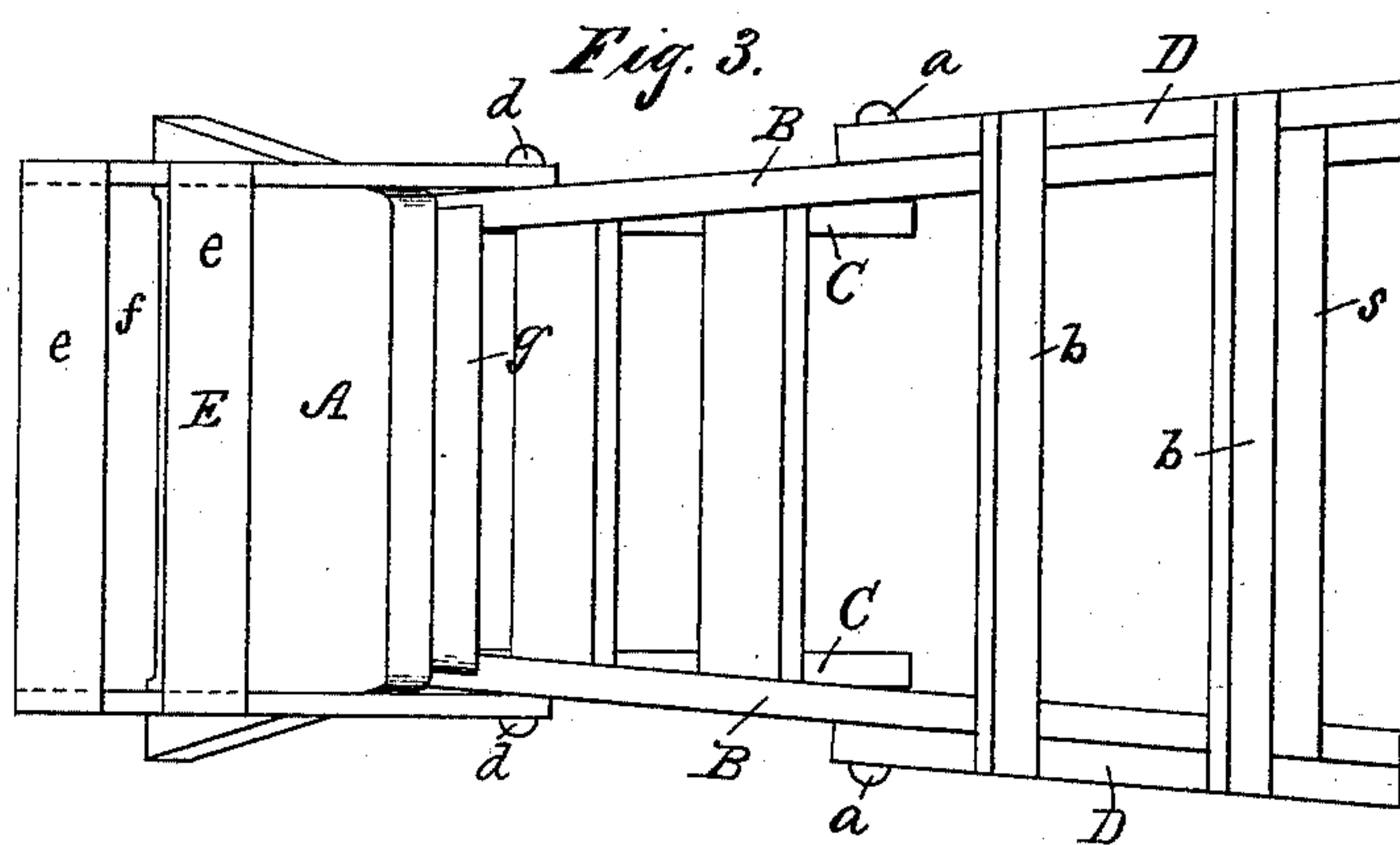
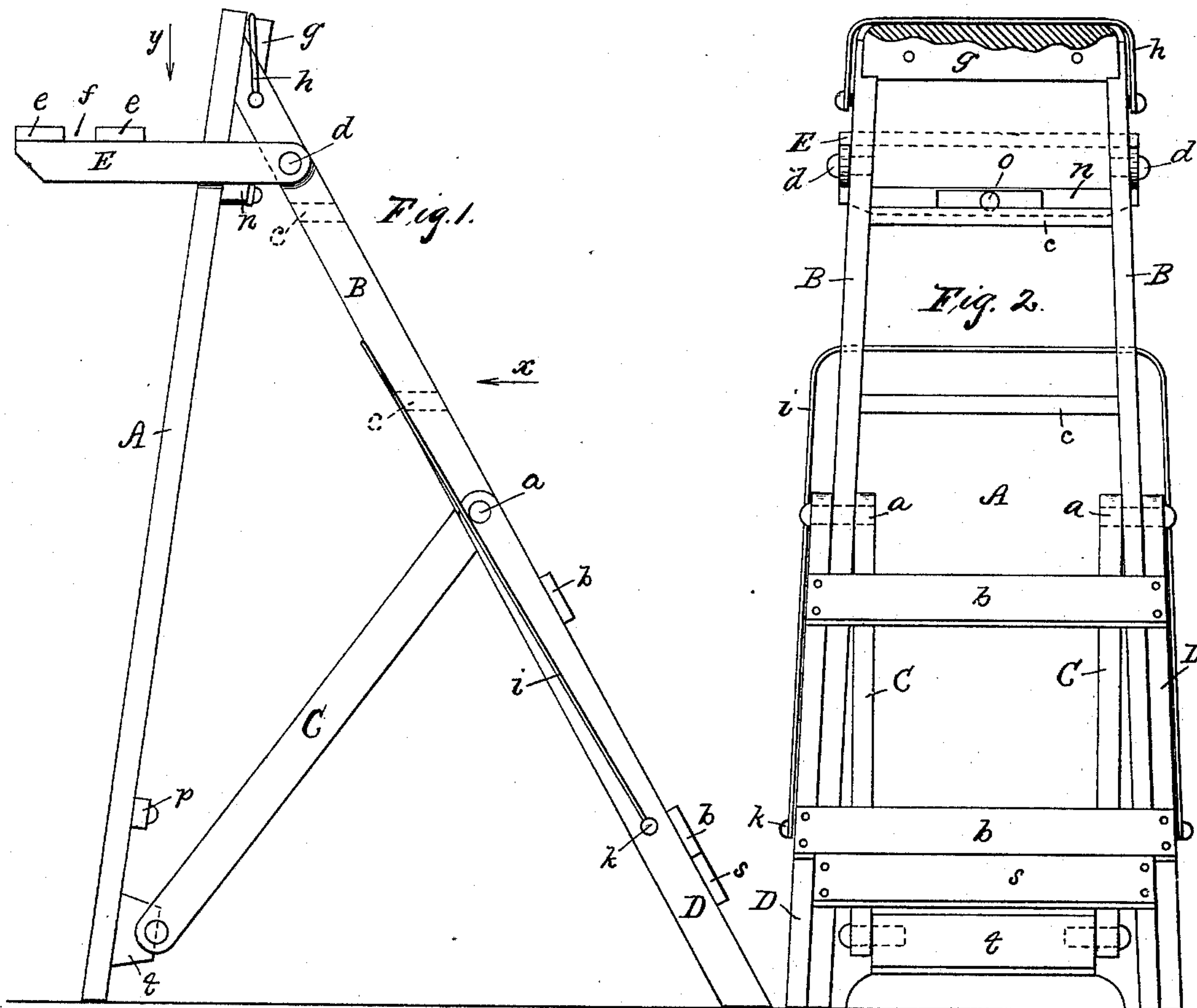
2 Sheets—Sheet 1.

P. SMITH.

COMBINED STEP LADDER AND IRONING BOARD.

No. 393,591.

Patented Nov. 27, 1888.



Attest:
W. M. Deruott.
L. L. Whitmore

Inventor:
Phileas Smith,
By E. B. Whitmore, Atty.

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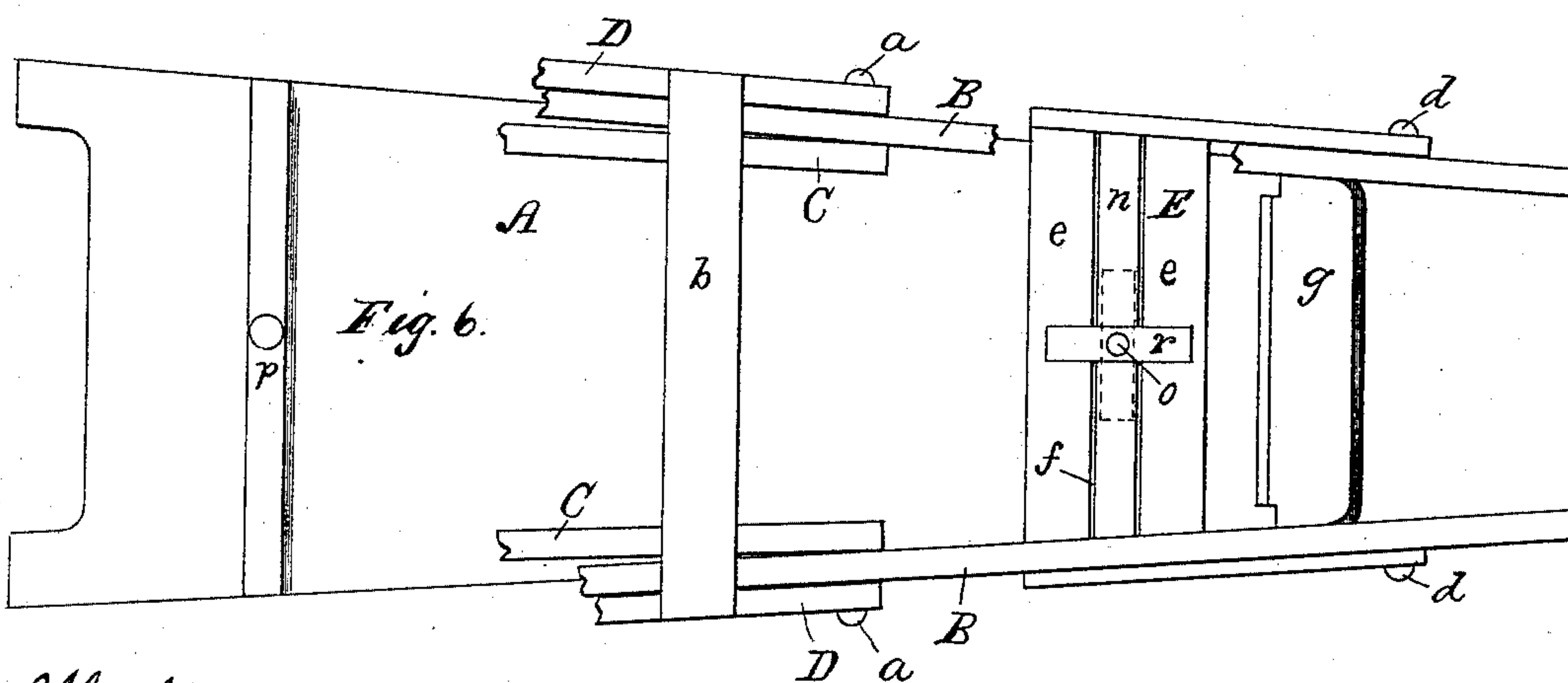
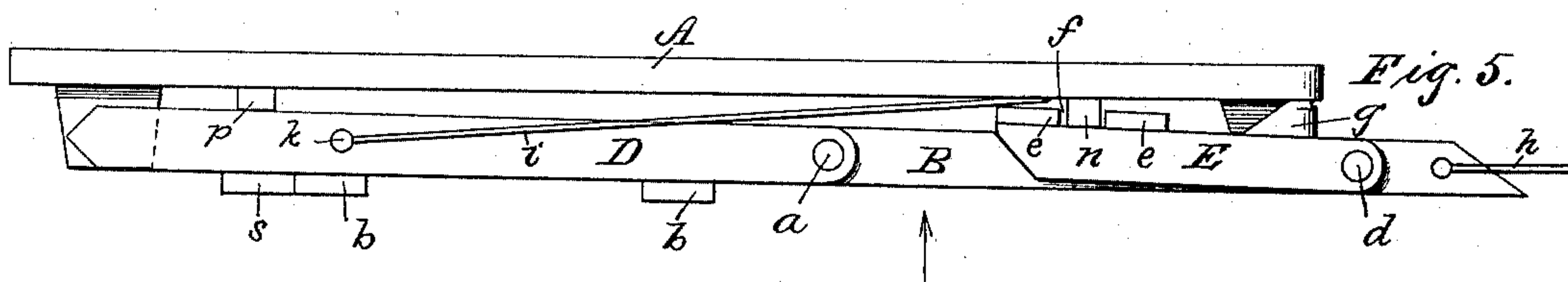
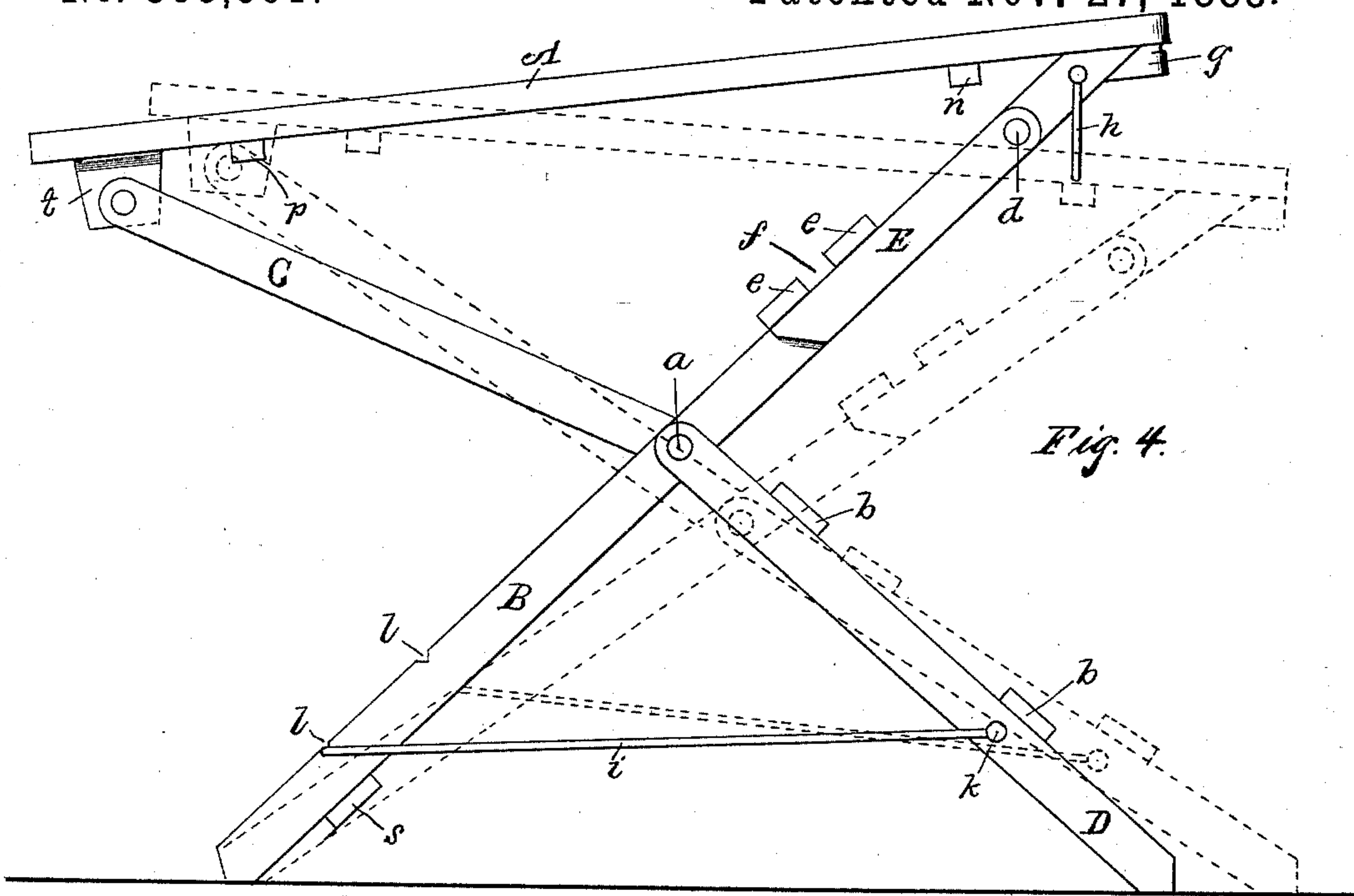
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UNITED STATES PATENT OFFICE.

PHILESTER SMITH, OF ROCHESTER, NEW YORK.

COMBINED STEP-LADDER AND IRONING-BOARD.

SPECIFICATION forming part of Letters Patent No. 393,591, dated November 27, 1888.

Application filed April 5, 1888. Serial No. 269,643. (No model.)

To all whom it may concern:

Be it known that I, PHILESTER SMITH, of Rochester, in the county of Monroe and State New York, have invented a new and useful
5 Improvement in a Combined Folding Step-Ladder and Ironing-Board, which improvement is fully set forth in the following specification and shown in the accompanying drawings.

10 The object of my invention is to produce a combined folding step-ladder and ironing-board, the same being hereinafter fully described, and more particularly pointed out in the claims.

15 Referring to the drawings, Figure 1 is a side elevation of the device when in the form of a step-ladder; Fig. 2, a view of the same, seen as indicated by arrow *x* in Fig. 1; Fig. 3, a plan viewed as indicated by arrow *y* in Fig. 1, parts
20 being omitted; Fig. 4, a side elevation of the device when in the form of an ironing-board, two positions being shown by full and dotted lines; Fig. 5, a view of the device when folded, seen in the direction in which Fig. 4 is seen;
25 and Fig. 6, a view of the device, taken as indicated by arrow in Fig. 5, parts being broken away and omitted.

Referring to the parts shown in the drawings, A is a tapering board forming the iron-
30 ing-board proper of the device, and also a main leg or support when the device is used as a step-ladder.

B B are other main legs for the device indirectly connected to the board by braces C C, the upper ends of which legs are formed to
35 be detachably connected with said board under a rigid head block or rest, *g*. The braces are pivoted at their lower ends at *t* to the lower part of the board, and at their upper ends at
40 *a* to the middle parts of the respective legs B B.

D are secondary legs pivoted to the main legs B at *a*, which pivot also passes through the braces C. The secondary legs D are pro-
45 vided with cross-bars *b b* and the main legs are provided with cross-bars *c c*, which together form a series of steps for the ladder.

E is a folding pail rest or shelf pivoted to the main legs at *d*, to be turned out hori-
50 zontally, as shown in Fig. 1, it being formed with two separated horizontal slats, *e e*, with

a space, *f*, between. When the device is made up for an ironing-board, the pail-rest is folded beneath, as shown in Fig. 4. The upper
inclined ends of the legs B are inserted under 55 the rest *g*, as stated, a clamping bail or holder, *h*, being attached to the legs in position to be turned over the head-block *g*, as shown in Figs. 1 and 2, which prevents the legs moving
60 from their position. In the ironing-board form of the device the bail may or not be used, as thought best.

i is a U-shaped tie-rod, held to turn on pivots *k*, inserted in the secondary or short legs D, so as to be brought in position to engage 65 notches *l* in the main legs B when the device is formed as an ironing-board. (Shown in Fig. 4.) By shifting the tie to different notches the ironing-board is raised or lowered,
70 as indicated.

n is a cross-bar secured to the under side of the board A in position to form a rest for the shelf E. This bar is held by a single central
fastener, *o*, so as to have a swivel movement. The parts of the shelf are so proportioned that 75 when the device is folded, as shown in Fig. 5, the bar *n* comes in the space *f* between the slats *c c* of the shelf, which admits of the device being more closely folded.

p is a bar similar to the bar *n*, near the other 80 end of the board, which bars form holders for the ironing sheet or cloth placed upon the ironing-board when used to iron upon, the ends of said bars being sprung away from the board by hand for the purpose of receiving 85 the edge, of said sheet or cloth.

The bar *n* is provided with a button, *r*, which, when turned to cross the slats *c c*, as shown in Fig. 6, serves to hold the device in its folded form. When the device is folded, 90 the bail *h*, when extended, serves as a hanger for hanging the device by. The legs B B are tied at their lower ends by a rigid bar, *s*. When the device is in the form of a step-ladder, the legs B B cannot, on account of the 95 construction of the parts, spread or move at their lower ends away from the board A, on account of which the tie *i* is not then needed.

What I claim as my invention is—

1. In a combined step-ladder and ironing- 100 board, a board for ironing upon constituting a principal support for the step-ladder, in

combination with main supporting legs and braces connected by pivotal bearings to said board and said respective main legs, the upper ends of said main legs having bearings
5 against said board, and a holder for keeping them in place, substantially as shown and described.

2. A step-ladder formed with a board constituting a single rigid leg, in combination
10 with separated main legs and braces pivoted to said board and said respective main legs, the latter having rests against said board, a holder for said main legs, a folding shelf pivoted to
15 said main legs, and a support for said shelf, the floor of said shelf being divided or formed

with an opening, substantially as shown, and for the purpose set forth.

3. A step-ladder formed with a board constituting a single rigid leg, in combination with separated main legs and braces pivoted
20 to said board and said respective main legs, the latter having rests against said board, a clamping bail or holder for said main legs, a shelf pivoted to said main legs, and a support for said shelf, substantially as described and
25 shown.

PHILESTER SMITH.

Witnesses:

E. B. WHITMORE,
M. L. McDERMOTT.