

A. HAWKINS.

COMBINED IRONING TABLE, WASH BENCH, AND STEP AND
EXTENSION LADDER.

No. 393,369.

Patented Nov. 27, 1888.

Fig. 1.

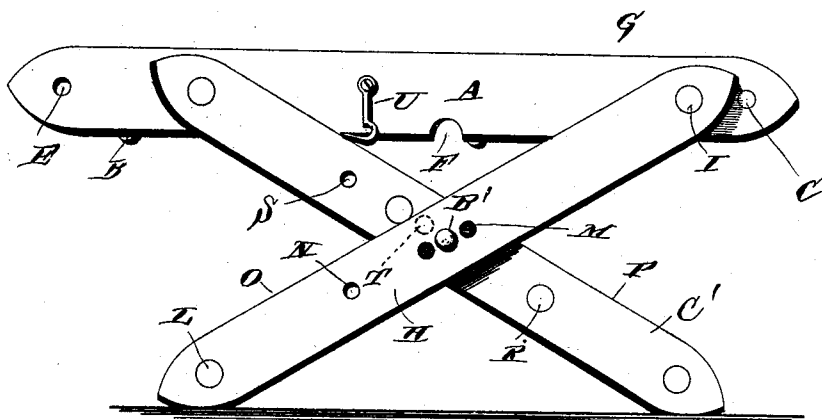
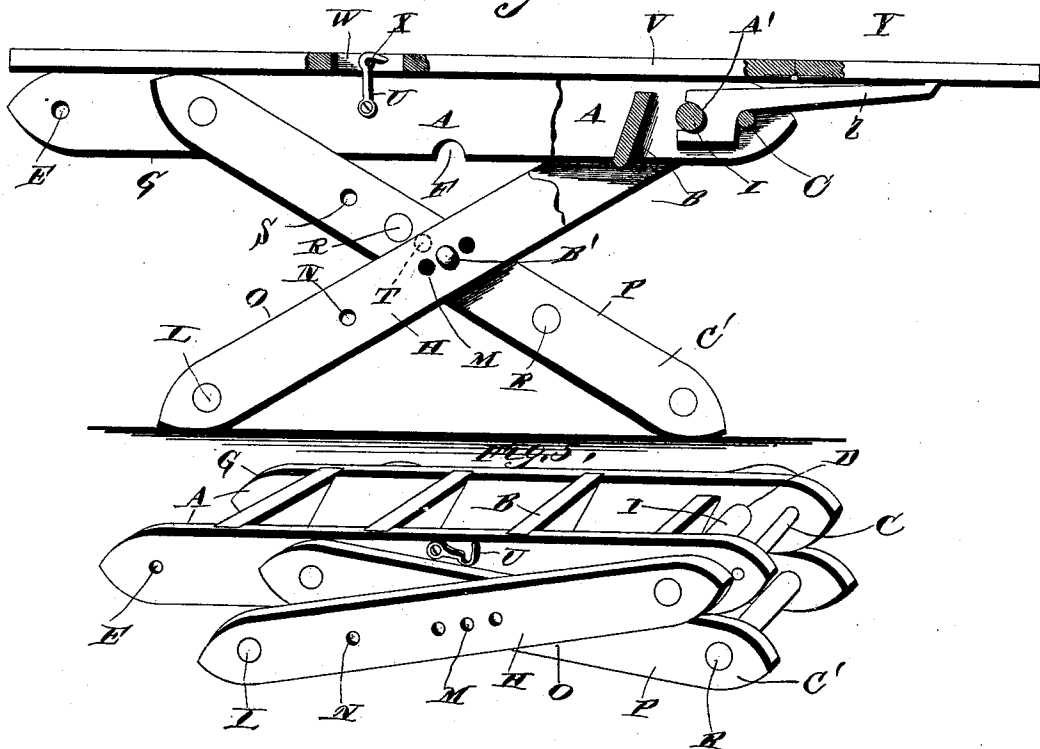


Fig. 2.



WITNESSES.

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(No Model.)

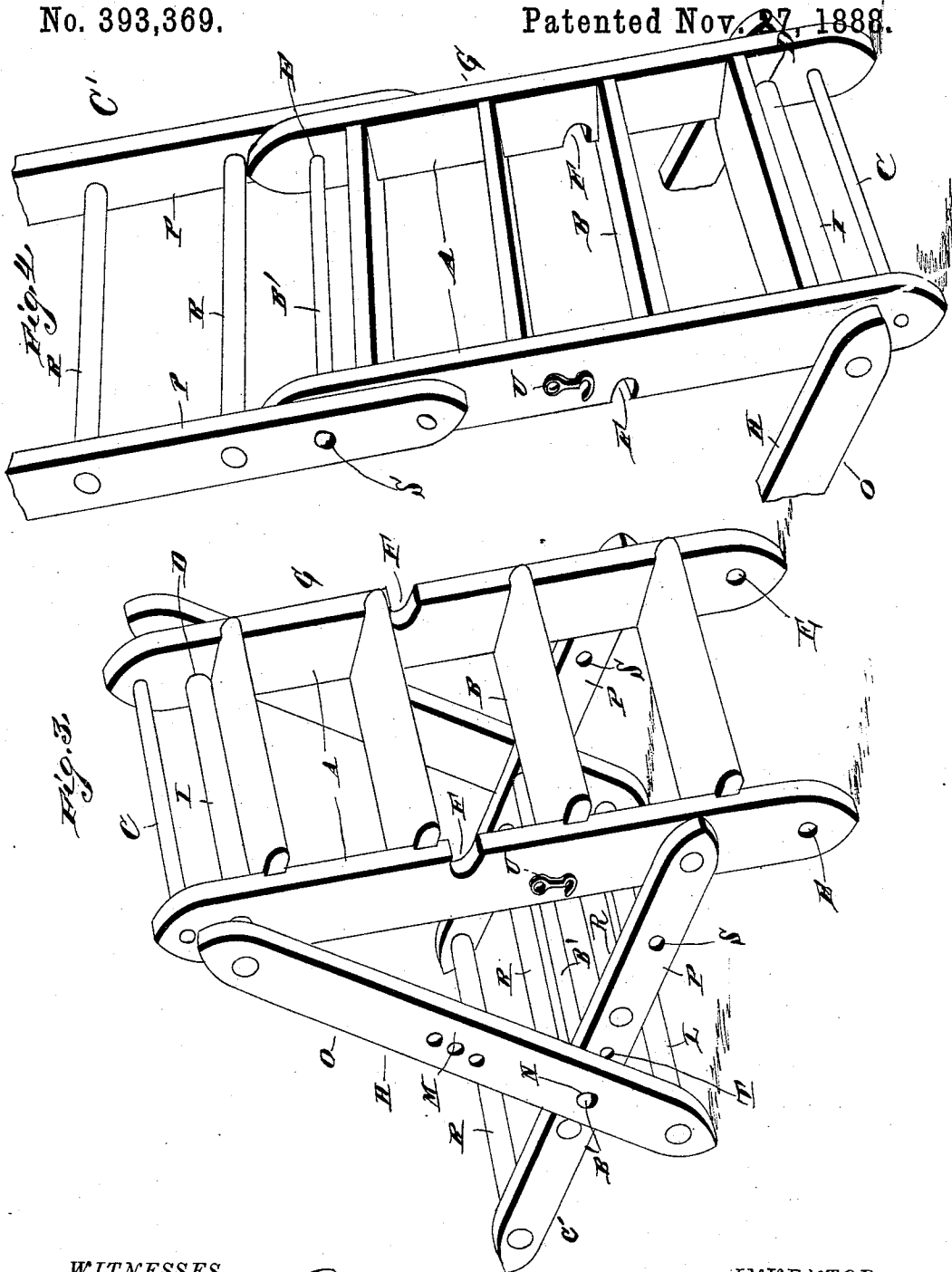
2 Sheets—Sheet 2.

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UNITED STATES PATENT OFFICE.

ADOLPHUS HAWKINS, OF SALEM, WEST VIRGINIA.

COMBINED IRONING-TABLE, WASH-BENCH, AND STEP AND EXTENSION LADDER.

SPECIFICATION forming part of Letters Patent No. 393,369, dated November 27, 1888.

Application filed March 24, 1888. Serial No. 265,358. (No model.)

To all whom it may concern:

Be it known that I, ADOLPHUS HAWKINS, a citizen of the United States, residing at Salem, in the county of Harrison and State of West Virginia, have invented a new and useful Improvement in a Combined Ironing-Table, Wash-Bench, and Step and Extension Ladder, of which the following is a specification.

My invention relates to an improvement in a combined ironing-table, wash-bench, and step and extension ladder; and it consists in the peculiar construction and combination of devices, that will be more fully set forth hereinafter, and particularly pointed out in the claims.

In the drawings, Figure 1 is a side elevation of my invention when arranged to form a wash-bench. Fig. 2 is a longitudinal sectional view when arranged to form an ironing-table. Fig. 3 is a perspective view of my invention when arranged to form a step-ladder. Fig. 4 is a similar view of the same when arranged to form an extension-ladder. Fig. 5 is a perspective view showing the device folded.

A represents a pair of longitudinal bars, which are connected by a series of transverse boards, B, which boards are equidistant apart and are arranged at a suitable angle with relation to the bars A. A cross-bar or rod, C, connects the bars A at one end thereof, and at a suitable distance from said cross-bar the bars A are provided with openings D. At the opposite extremities of the bars A are openings E, and on one side or edge of said bars, near the center of the same, are notches or recesses F. The said bars A and cross-boards B constitute a frame, G.

H represents a pair of bars, which are connected at one end by a rung, I, which rung extends through the opening D, and thereby pivots the bars H to the frame G, near one end of the latter. The opposite ends of the bars H are connected by a rung, L, and the said bars are provided at their centers with series of openings M, and are further provided at a suitable distance from said openings M with openings N, as shown. The rungs I and L are longer than the width of frame G, and thereby the bars H are arranged on the outer sides of said frame G. Said bars H and rungs I L constitute a frame, O.

P represents a pair of side bars, which are pivoted to the outer sides of frame G, near one end thereof and at a suitable distance from the openings E. The said bars P are connected by a series of rungs, R, which are arranged at suitable regular distances apart, and said bars P are provided at a suitable distance from their pivoted ends with openings S, and are further provided at their centers with series of openings T. Said bars P and rungs R constitute the frame C'. On the outer sides of the frame G, near the center thereof, are pivoted hooks U.

V represents an ironing-board, of suitable length and width, which is adapted to be placed on the upper side of the frame G and to entirely cover the same. Said ironing-board is provided on opposite sides, near its center, with vertical longitudinal slots W, and has pins X, which extend transversely across the centers of the said slots. To one end of the board V is hinged an extended board, Y, which forms a shirt-board, adapted especially for ironing shirt-bosoms, and said hinged board Y is also adapted to be used as a writing stand or desk.

Z represents a brace-arm, which is provided at its inner end with a curved recess, A', and B' represents a rod which is adapted to be inserted through either of the openings M, N, S, T, and E of the various frames.

The operation of my invention is as follows: In order to form a wash-bench, the frames O and C' are crossed under one side of the frame G, so that the central openings, T and M, register with each other, and the rod B' is then inserted through the said central registering openings, thereby rigidly securing the frames O and C' together and supporting the frame G horizontally at a suitable elevation from the ground or floor. Said frame G serves to support the wash-tubs. By adjusting the pivoted frames O and C', so as to cause the inner and outer openings of the series M T to register with each other, the angles at which said frames are inclined may be changed, so as to cause the frame G to be supported in a higher or lower plane.

In order to form an ironing-board, the board V is placed on the frame G, while the same remains in the position indicated in Fig. 1, and

the said board V is locked to the frame G and secured thereto by means of the hooks U, which enter the slots W and engage the cross-pins X. When the shirt-board Y is extended from the board V, the same is supported by the arm or brace Z, the latter resting on the cross-bar C, and having its inner recessed end engaging the rung I, as shown in Fig. 2.

In order to form a step-ladder, the ironing-board is removed from the frame G, the rod B' is removed from the central openings in the frame O and C', the frame C' is turned downward at a suitable angle with relation to frame G, and the frame O is drawn upward, so as to cause its openings N to register with the openings T of frame C', and the rod D' is then inserted in the said registering openings, so as to lock the frames O and C' together and thereby arrange the device in the position shown in Fig. 3. When thus arranged, the cross-boards B constitute the steps of the ladder, as will be readily understood.

In order to form an extension-ladder, the rod B' is withdrawn from the openings N and T, and the frame C' is extended from the upper end of frame G and in line therewith, so that the openings S are caused to register with the openings E of frame G, and the bar E' is then inserted through the registering openings S and E, thereby locking the frames together, as shown in Fig. 5.

In order to reduce the device, so that it will occupy but a small space when not in use or when packed for transportation, the frame C' is swung against the frame G at a slight angle in relation thereto, so as to cause the upper rung, R, to enter and engage the notches or recesses F, and the frame O is also folded against the frame G, so as to cause the bars H to bear upon the bars P, as shown in Fig. 5.

A combined ironing-table, wash-bench, and

step and extension ladder thus constructed is extremely cheap and simple, is very readily arranged to form either of the said devices, and will be found of great practical utility. 45

Having thus described my invention, I claim—

1. The combination of the frame G, having the cross-boards B and the openings E at one end, the frame O, pivoted to one end of frame G and having the openings M, the frame C', pivoted near the opposite end of frame G and having the openings S and T, and the rungs R, said frames O and C' being thereby adapted to be extended outward in opposite directions from the ends of frame G and to be crossed under the same, and the removable bar B', adapted to be inserted through the registering openings of the frames, for the purpose set forth, substantially as described. 55 60

2. The combination of the frame G, having the cross-boards B, and provided at one end with a cross bar, C, the frame O, having the rung I, which passes through openings in the sides of frame G near the bar C, and thereby pivots the frame O to the frame G, the frame C', pivoted to the frame G, near the opposite end thereof, and having the rungs R, the board V, adapted to be secured on the upper side of frame G, and having a hinged board, Y, at one end, and the brace or arm Z, adapted to bear on the bar or rod C, and having its inner end engaging the rung I, for the purpose set forth, substantially as described. 65 70

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses. 75

ADOLPHUS HAWKINS.

Witnesses:

THOS. HAYMOND,
HUGH JARVIS.