(No Model.)

2 Sheets—Sheet 1.

R. V. INGLISH.

COMBINATION IRONING TABLE, LADDER, AND BENCH.

No. 581,727. Patented May 4, 1897.

Fig. 1.

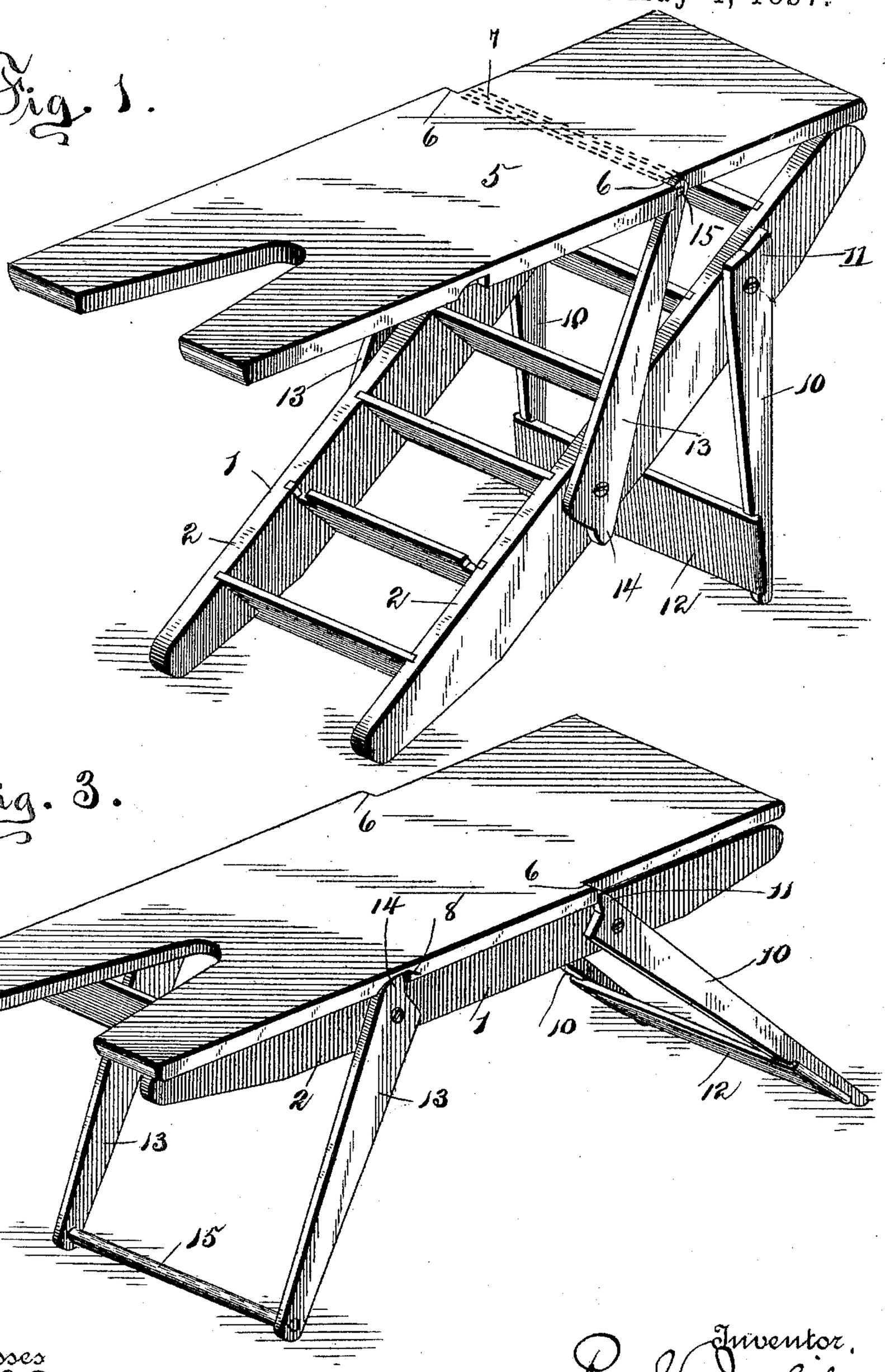

Fig. 3.

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(No Model.)

2 Sheets—Sheet 2.

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COMBINATION IRONING TABLE, LADDER, AND BENCH.

No. 581,727. Patented May 4, 1897.

Fig. 2.

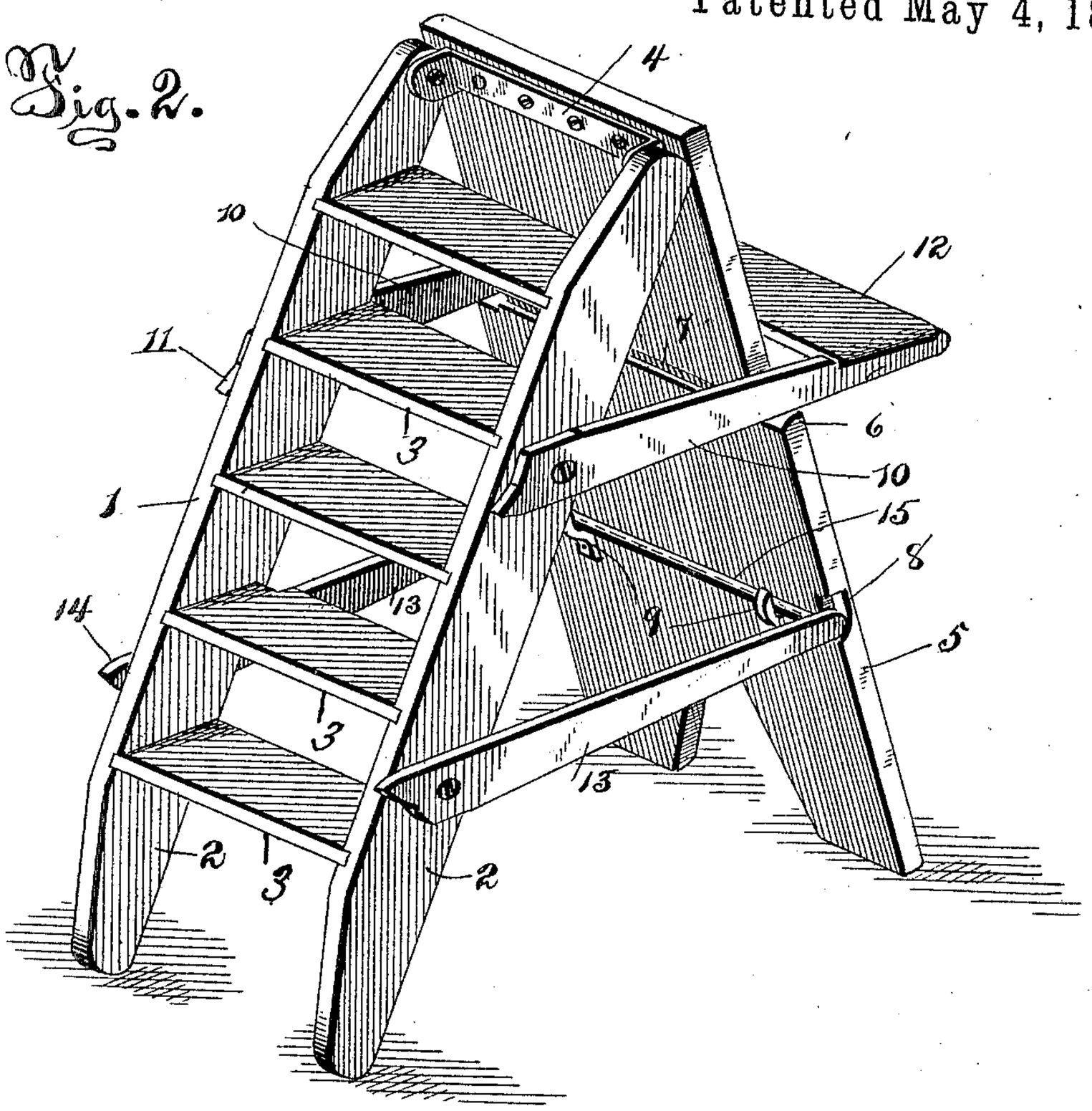
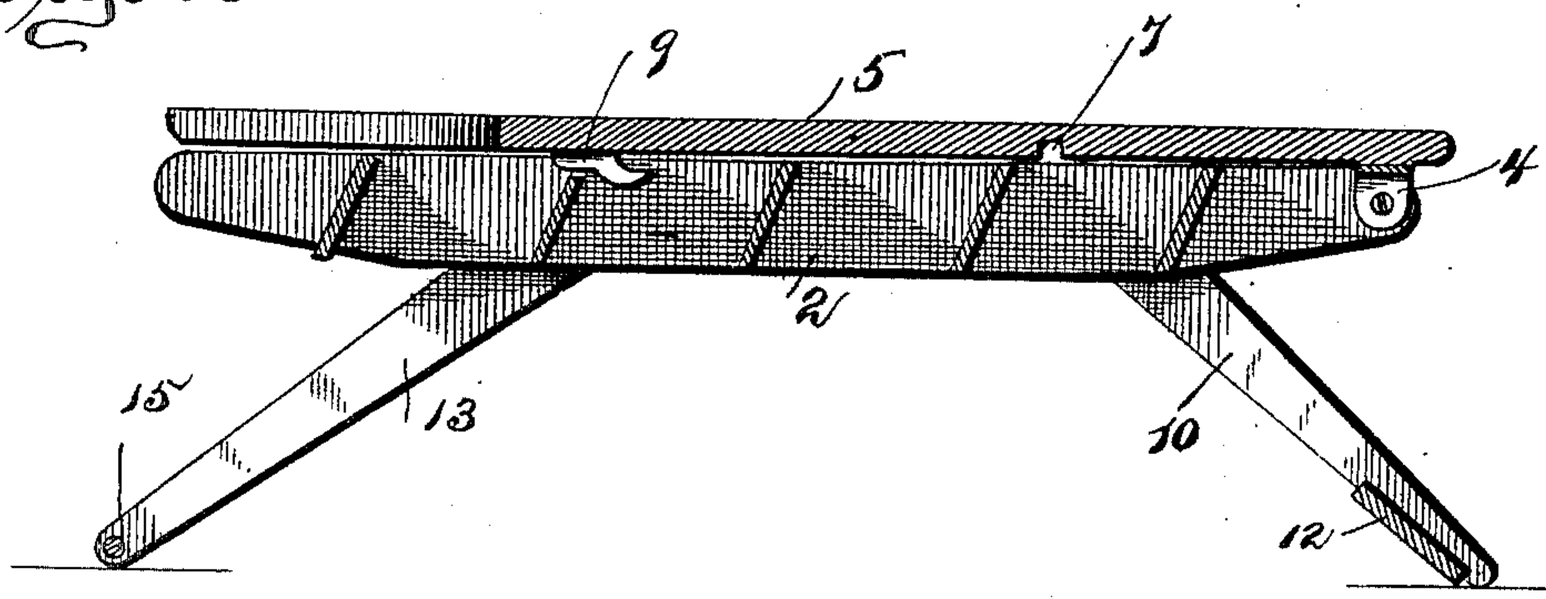


Fig. 4.



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UNITED STATES PATENT OFFICE.

ROSS VICTOR INGLISH, OF EAST TAWAS, MICHIGAN.

COMBINATION IRONING-TABLE, LADDER, AND BENCH.

SPECIFICATION forming part of Letters Patent No. 581,727, dated May 4, 1897.

Application filed July 8, 1896. Serial No. 598,479. (No model.)

To all whom it may concern:

Be it known that I, ROSS VICTOR INGLISH, a citizen of the United States, residing at East Tawas, in the county of Iosco and State of Michigan, have invented certain new and useful Improvements in a Combination Ironing-Table, Ladder, and Bench; and I do hereby 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.

My invention relates to certain new and useful improvements in a combined ironing-table, step-ladder, and washing-bench, the object of the same being to provide in a single article of manufacture a device whereby by certain changes the same may be used as an ironing-table, step-ladder, or washing-bench.

The invention consists of the construction, combinations, and arrangements of parts which will be hereinafter more fully described and claimed.

In the drawings forming part of this specification, Figure 1 represents a perspective view of my device when used as an ironing-table. Fig. 2 is a similar view of the same when used as a ladder. Fig. 3 is a similar view of the same when used as a washing-bench. Fig. 4 is a longitudinal section of the device in the form in which it is shown in Fig. 3.

Like reference-numerals indicate like parts in the different views.

The ladder 1 is made up of the two side beams 2 2 and has a series of stops 3 3 secured thereto. The said beams 2 2 are substantially parallel one with the other and have pivoted to their upper ends a flanged plate 4, which is riveted or otherwise secured to one end of a board 5. The said board is cut away along its two side edges, as shown, forming the shoulders 6 6, and its inner face adjacent to said shoulders has a transverse groove or recess 7 therein. At points near the opposite end of said board the edges thereof are notched, as shown, forming shoulders 8 8. Pivoted stops 9 9 are mounted on the inner surface of said board at points adjacent to the shoulders 8. Pivoted to the side bars 2 2 of which the ladder 1 is made up are two parallel bars 10 10, having pointed projections 11 on their inner ends and connected at their outer ends by a flat strip 12, constituting a pan-rest when the device is used as a step-ladder. The frame made up of the bars 10 10 and strip 12 is adapted to be moved on its pivotal connection with the beams 2 2 for the purpose of converting the device from one of its forms to the other. Also pivoted to the side beams 2 2 at points near their lower ends are bars 13 13, having pointed projections 14 upon the ends nearest their pivotal points and connected at their opposite ends by a rung or rod 15.

When my device is to be used as an ironing-table, the same is thrown into the position in which it is shown in Fig. 1, with the rung 15 fitting within the transverse groove or recess 7 on the inner face of the board 5 and supported upon the lower ends of the beams 2 and the outer ends of the bars 10. When in this position, the board 5 is held in a horizontal position perfectly rigid. When the device is to be used as a step-ladder, the bars 13 13 are thrown downwardly, so that the rung 15 on their outer ends rests upon the stops 9 9 and is held in place thereby. At the same time the bars 10 10 are folded over the top of the ladder and down upon the opposite side of the board 5, resting upon the shoulders 6 in the edges of said board. At this time the strip 12 serves as a rest for a pan, and the whole device is supported by the lower ends of the beams 2 2 and the lower end of the board 5.

When my device is to be used as a washing-bench, the bars 13 13 are folded outwardly, so that they lie upon the opposite sides of the ladder 1 to that which they occupy in the other positions of the parts. In this form of the device the same is supported upon the outer ends of the bars 10 and 13, with the projections 11 upon the inner ends of the bars 10 engaging the shoulders 6 on the board 5 and with the projections 14 on the ends of the bars 13 fitting within the notches and engaging the shoulders 8 in the edge of said board 5.

As described, it will be seen that my device may be readily and quickly converted from one of its forms to the other, that it can be folded up into compact form when not in use, and that it constitutes an extremely convenient article of household furniture.

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

1. The combination of a ladder, a board pivoted to the upper end thereof having its side edges cut away at their upper ends, forming shoulders, and having stops upon its inner surface, a frame pivoted to said ladder having a rung or cross-bar in its outer end adapted to engage said stops for preventing the contraction or separation of said board and ladder, and a second frame having a strip constituting a pan-support at its outer end, the said second frame being pivoted to said ladder and adapted to rest upon the shoulders on said board.

2. The combination of a pair of beams, a board pivoted to one end thereof having shoulders formed in its outer edges and a pair of frames also pivoted to said beams, the inner ends of the side bars of said frames having pointed projections thereon adapted to engage said shoulders, substantially as and for the purpose described.

3. In a device of the character set forth, the combination with a ladder having two parallel side beams, of a board pivoted to the upper ends of said beams, the said board having its edges cut away at points adjacent to its pivotal connection with said beams, forming shoulders thereon, the said board being further provided with a transverse groove on its inner surface and with stops at its lower end and also having notches in its outer edges forming shoulders thereon, a frame pivoted to said beams near the upper ends thereof, having a flat strip connecting the side bars thereof at one end and having the opposite ends of said side bars formed with projections thereon, and a second frame pivoted to said beams at points near their opposite ends, the side bars thereof being connected by a rung or rod at one end and having their opposite ends formed with projections, substantially as and for the purpose described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

ROSS VICTOR INGLISH.

Witnesses:
T. H. FOX,
W. H. INGLISH.