

No. 778,503.

PATENTED DEC. 27, 1904.

J. McKELLAN.
COMBINED IRONING BOARD AND STEP LADDER.
APPLICATION FILED JULY 6, 1904.

Fig. 1.

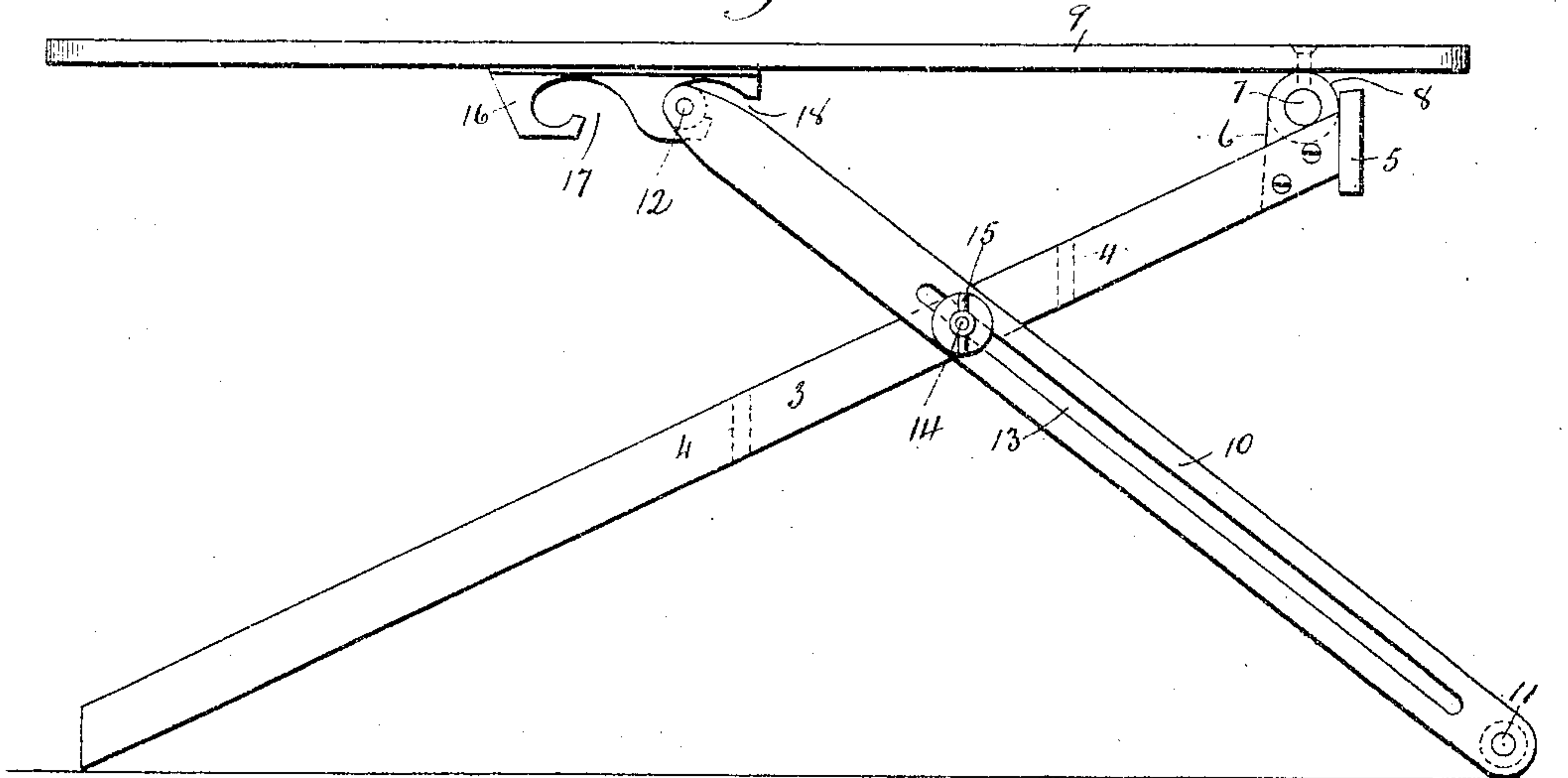


Fig. 2.

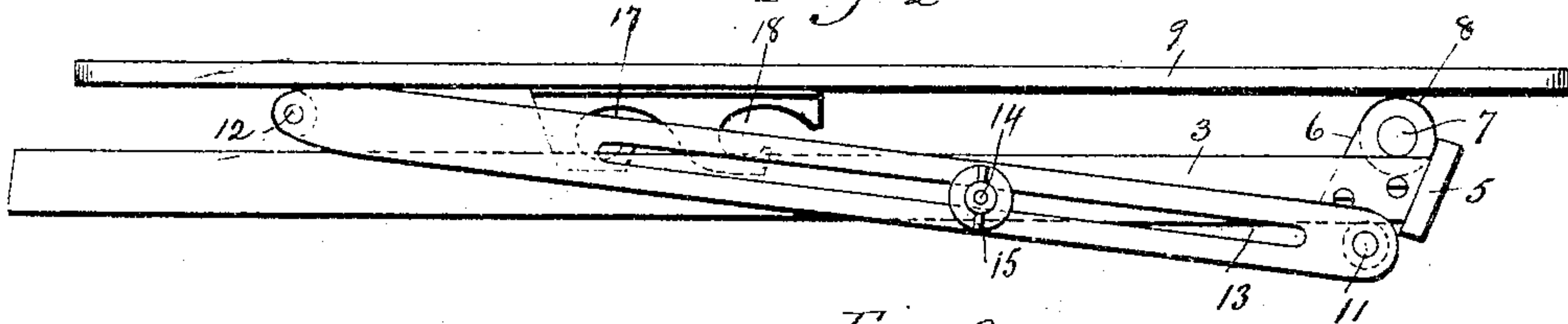
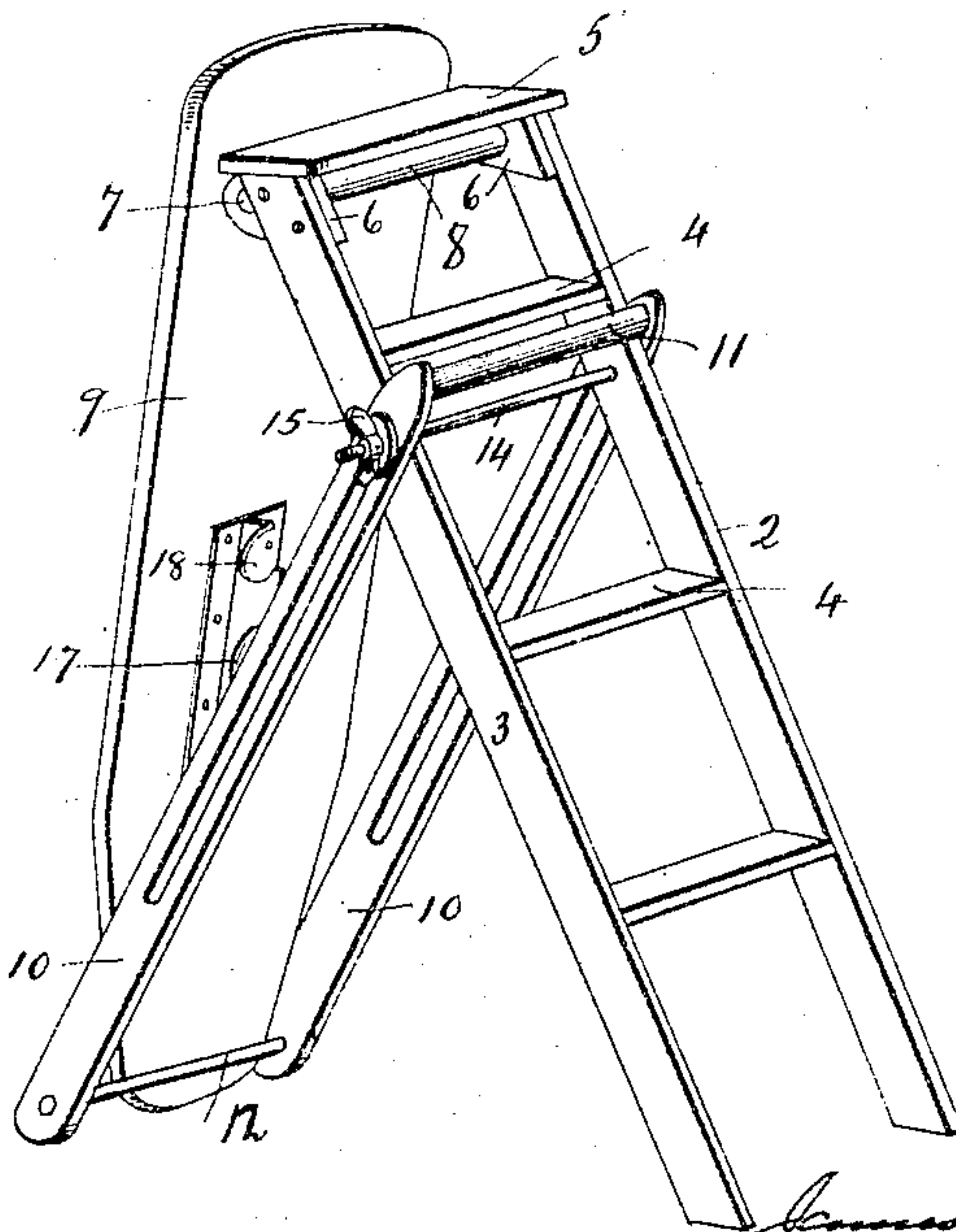


Fig. 3.



Witnesses.
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UNITED STATES PATENT OFFICE.

JAMES McKELLAN, OF NAUGATUCK, CONNECTICUT.

COMBINED IRONING-BOARD AND STEP-LADDER.

SPECIFICATION forming part of Letters Patent No. 778,503, dated December 27, 1904.

Application filed July 6, 1904. Serial No. 215,469.

To all whom it may concern:

Be it known that I, JAMES McKELLAN, of Naugatuck, in the county of New Haven and State of Connecticut, have invented a new and
5 useful Improvement in a Combined Ironing-Board and Step-Ladder; and I do hereby declare the following, when taken in connection with the accompanying drawings and the figures of reference marked thereon, to be a full,
10 clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a side view of a combined ironing-board and step-ladder shown in open position
15 for use as an ironing board or table; Fig. 2, a side view of the same in the closed or folded position; Fig. 3, a perspective view of the device open and in position for use as a step-ladder.

20 This invention relates to an improved combined ironing-board and step-ladder, wherein the step-ladder portion is utilized as one of the supports for the ironing board or table, the whole being adapted to be folded together
25 into small space, the object of the invention being a simple arrangement of parts whereby the ladder or ironing-board may be set up for use and as readily folded together; and the invention consists in the construction as hereinafter described, and particularly recited in
30 the claims.

In carrying out my invention I employ a ladder comprising side strips 2 3 and steps 4, more or less in number. Secured to the upper
35 ends of the sides 2 3 and directly below the top step 5 are arms 6, which project rearward and receive the reduced ends or trunnions 7 of a block 8, secured to the under side of one end of the ironing board or table 9,
40 whereby the steps are hinged to the board or table. As herein shown, this block is round, but that is not essential. As a brace for the step-ladder and as one of the supports for the table I employ a frame comprising bars 10,
45 connected at their ends by rods 11 12, which are of a length to permit the step-ladder to pass between the sides. The sides are formed with long slots 13, through which a clamping-rod 14 passes, the rod extending from side to
50 side through the braces and through the sides

of the step-ladder, this rod being provided at one end with a thumb-nut 15, by which the brace may be clamped to the step-ladder. To the under side of the ironing board or table 9 is a bracket 16, formed with two notches 17
55 18, with either of which the rod 12 may be engaged. When to be used as a table, the thumb-nut 15 will be loosened to allow the bars 10 to slide upon the sides of the step-ladder to permit the lower rod 12 to be engaged
60 with one of the notches 17 or 18 in the bracket 16, and when so engaged the brace will be moved until the table stands in a horizontal position, when the thumb-screw 15 will be turned to clamp the brace, the brace and step-
65 ladder then forming a support for the table.

When the device is required for use as a step-ladder, the brace will be disengaged from the notches in the bracket and moved until the bar 11 comes to a bearing against the forward
70 edges of the sides 2 3, in which position it may be readily held by turning the thumb-nut 15. In this position the table depends from the upper end of the step-ladder and may to a certain extent act as a support therefor,
75 although the bracing function for the steps is obtained by the bars 10. When not in use, the bars 10 are freed from close engagement with the sides of the step-ladder and moved until the bar 11 rests beneath the top step 5.
80 In this position the steps are allowed to fold parallel with the under face of the table and so that the combined step-ladder and table occupy but very little more space than do step-ladders of ordinary construction.
85

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

1. A combined ironing-board and step-ladder comprising a board, a step-ladder hinged
90 to one end thereof, a bracket secured to the under face of the board and having one or more notches, and slotted brace-rods extending on opposite sides of the step-ladder and adapted to be engaged therewith, said
95 rods connected at their ends by bars, the bars at one end being adapted to engage with the bracket on the under side of the board, substantially as described.

2. A combined ironing-board and step-lad- 100

der comprising an ironing-board, a step-ladder hinged at one end to the under face of said board, a bracket secured to the under face of said board and formed with one or
5 more notches, braces extending on opposite sides of said step-ladder connected at their ends by bars, the bar at one end adapted to engage with the said bracket, means extending through the slotted braces and through
10 the sides of the step-ladder whereby the braces may be clamped to said sides, substantially as described.

3. A combined ironing-board and step-ladder comprising a board provided at one end
15 with a block having trunnions at its ends, and a bracket secured to its under face, a step-ladder provided at one end with arms extending rearwardly therefrom and engaged with

said trunnions whereby the step-ladder is hinged to the said board, the braces extending on opposite sides of the step-ladder and adapted to be clamped thereto, said braces connected at opposite ends by bars, the bar at one end adapted to engage with said bracket when the table is in use, and the bar at the
20 opposite end adapted to engage with the sides of the step-ladder when the steps are in use, substantially as described. 25

In testimony whereof I have signed this specification in the presence of two subscribing witnesses. 30

JAMES McKELLAN.

Witnesses:

JAMES E. SWEENEY,
EDITH M. TROWBRIDGE.