No. 818,663. PATENTED APR. 24, 1906.

L. C. BULLOCK, Jr.

TABLE.

APPLICATION FILED FEB. 17, 1905.

2 SHEETS—SHEET 1.

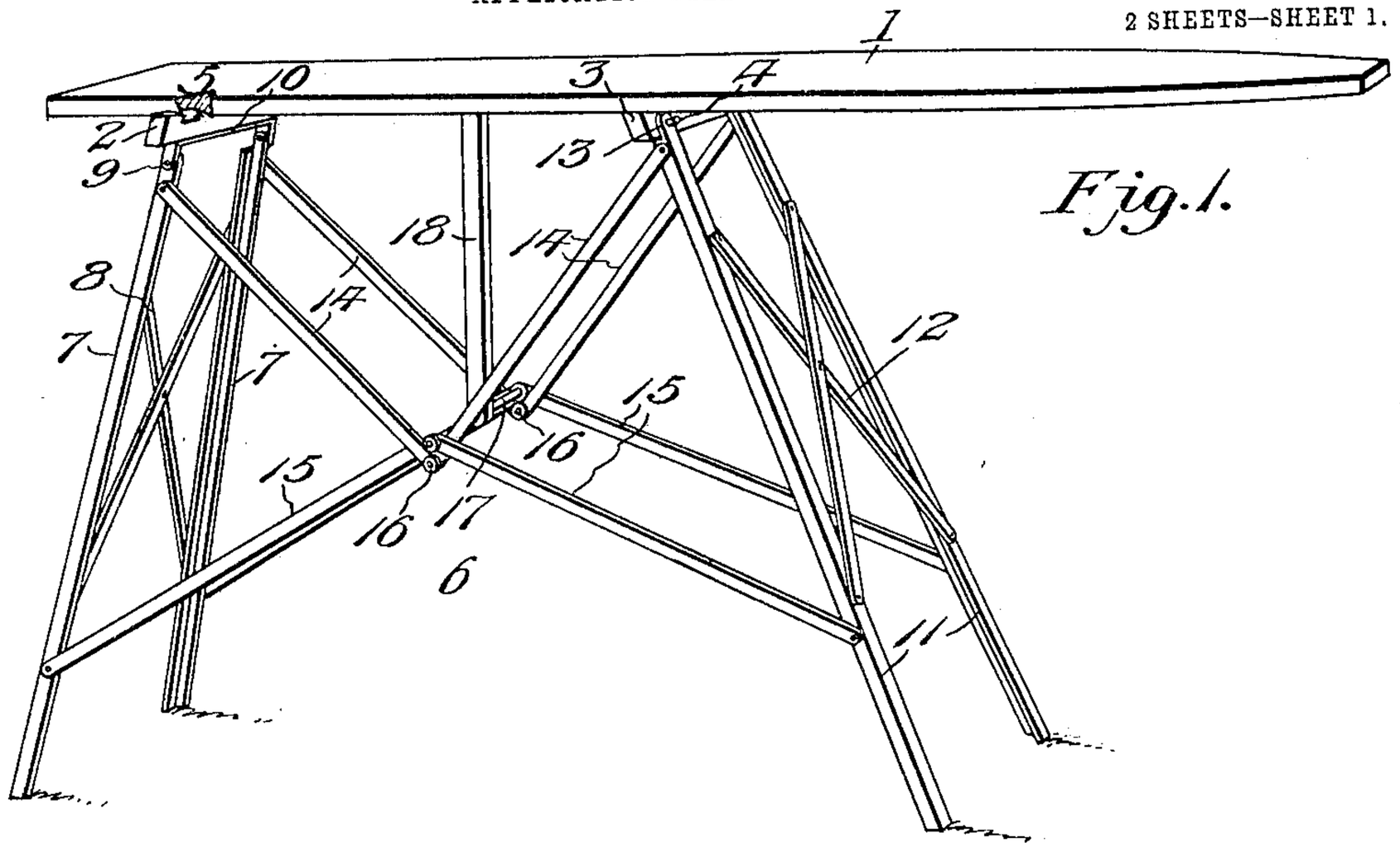
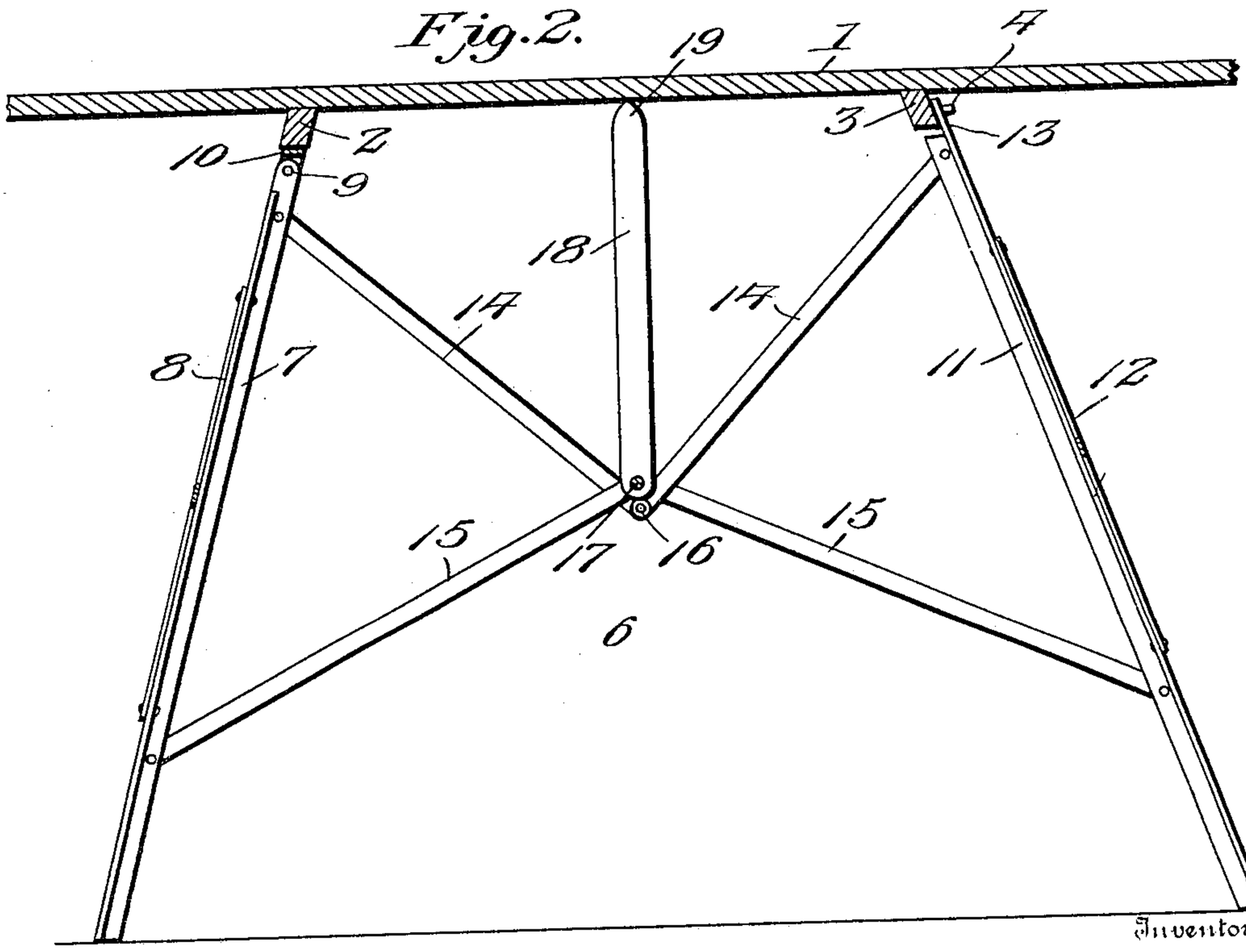


Fig. 1.

Fig. 2.



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Witnesses

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2 SHEETS—SHEET 2.

Fig. 3.

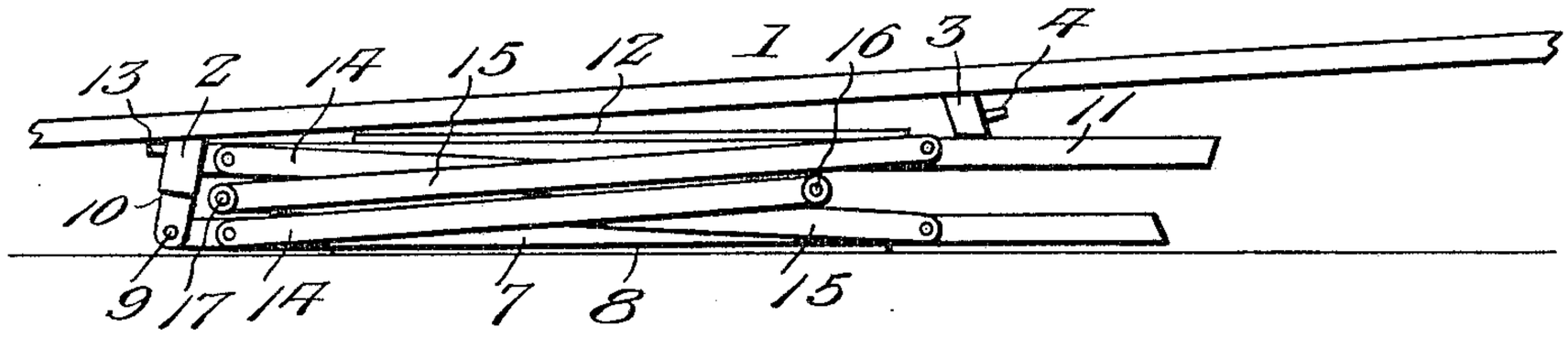
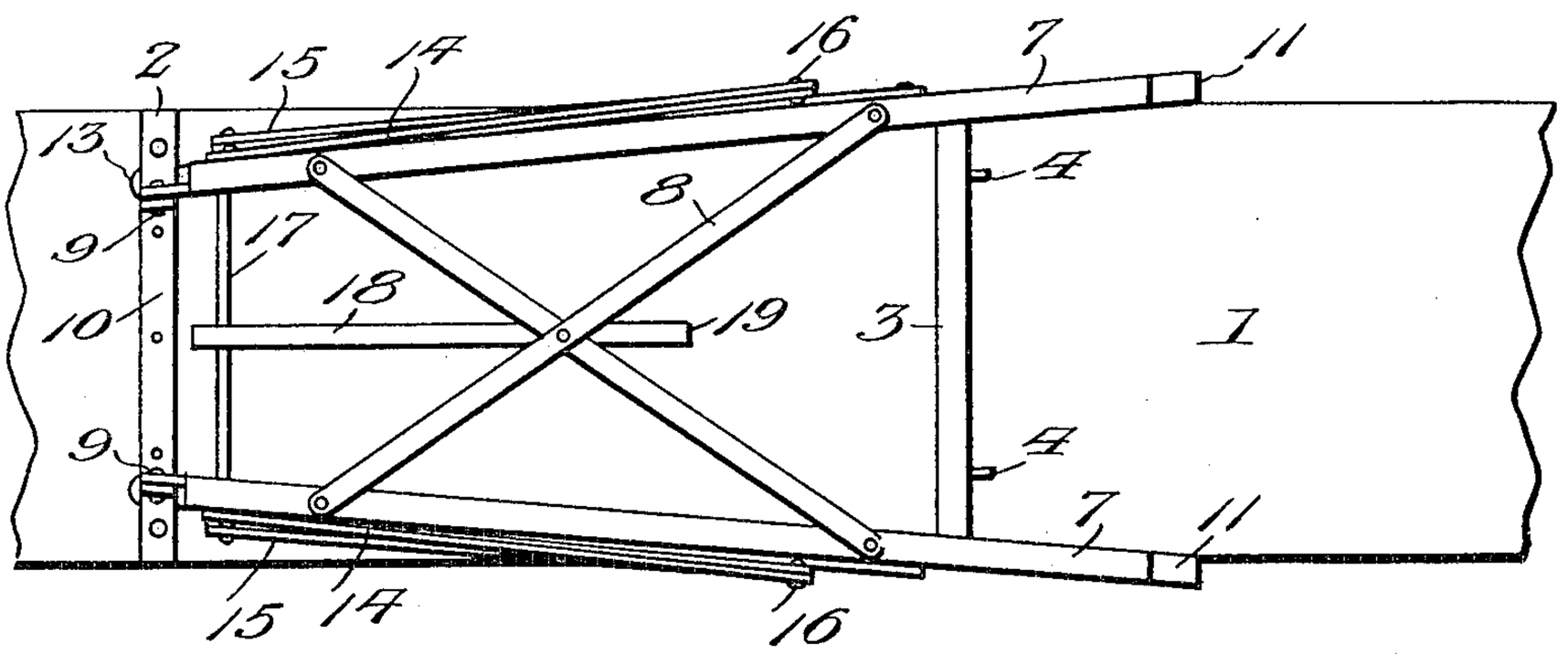


Fig. 4.



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UNITED STATES PATENT OFFICE.

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TABLE.

No. 818,663. Specification of Letters Patent. Patented April 24, 1906.

Application filed February 17, 1905. Serial No. 246,131.

To all whom it may concern:

Be it known that I, LEWIS CALVIN BULLOCK, Jr., a citizen of the United States, residing at Milesburg, in the county of Center and State of Pennsylvania, have invented new and useful Improvements in Tables, of which the following is a specification.

This invention relates to tables of the type known as "ironing-tables," and has for its objects to produce a simple inexpensive device of this character in which the supporting-frame may be readily folded into compact form for shipment or storage and one wherein the frame will when unfolded for use be firm and rigid to afford a steady support for the table.

A further object of the invention is to provide a device of this character in which a pair of the supporting-legs must be disengaged from the table to permit folding of the frame and one in which a locking member or bar positively secures the legs against accidental disengagement.

To these ends the invention comprises the novel features of construction and combination of parts more fully hereinafter described.

In the accompanying drawings, Figure 1 is a perspective view of a device embodying the invention. Fig. 2 is a side elevation of the device, partly in section, the section being taken at the longitudinal center of the table. Fig. 3 is a side elevation showing the device folded. Fig. 4 is a bottom plan view of the same.

Referring to the drawings, 1 designates the bed or table of the usual construction and material and preferably of a form adapting it for use as an ironing-board, there being secured in any appropriate manner to the normally under side of said table a pair of spaced transverse bars or cleats 2 3, of which the latter has projecting from its outer face a pair of engaging members or pins 4, while the bar 2 is provided with a pair of transverse openings or seats 5, arranged in alinement with the pins 4 for a purpose which will presently appear.

The table 1 is sustained by means of a frame 6, including a pair of supporting-legs 7, connected by suitable braces 8 and pivoted at their upper ends, as at 9, to the depending ears of a metal plate 10, attached in any appropriate manner to the lower edge of the cleat 2, while a similar pair of supporting-legs 11, connected by braces 12, are detachably engaged at their upper ends with the pins 4, said legs having their upper terminals appropriately rabbeted for engagement with the cleat 3 and to produce terminal projections 13, which are perforated for the reception of the pins 4.

The legs 7 and 11 are connected by two pairs of upper links 14 and two pairs of lower links 15, of which the upper links are pivoted at their outer ends adjacent to the upper ends of the legs and have their inner meeting ends pivotally connected, as at 16, while the lower links are pivoted at their outer ends to the legs adjacent the lower ends of the latter and have their inner meeting ends in turn pivotally connected through the medium of a transverse rod or axle 17, which is disposed above the pivotal axes 16 of the pairs of upper links 14, whereby the relative movements of the links will when the frame is unfolded, as in Figs. 1 and 2, be limited for a purpose which will more fully hereinafter appear.

Pivoted at its normally lower end upon and adjacent to the longitudinal center of the pivoting member or rod 17 is a locking member or bar 18, the normally upper end of which is sharpened, as at 19, for secure frictional engagement with the lower face of the table 1 when the device is in operative position, the function of this locking member being to maintain the pairs of lower links 15 in unfolded position, and thus prevent accidental folding of the frame.

In practice supposing the table to be arranged for use, as illustrated in Figs. 1 and 2, and that it is desired to collapse the frame to permit folding and storage of the device the upper end of the bar 18 will be first disengaged from the table 1 by swinging the bar in either direction upon its pivot, whereupon the pairs of lower links 15 may break joint and fold relatively, this action serving to relieve the pressure of the rod 17 upon the pivotal joint between the upper links 14, whereby the latter may move to allow disengagement of the upper ends of the legs 11 from the pins 4. The legs having been disengaged will be moved to a position beneath and substantially parallel with the board 1 and retained in place by inserting their reduced ends 13 through the openings 5, this action being possible, owing to the openings being in alinement with the pins 4. As the legs 11 move to folded position the pairs of links 14 and 15 will also be folded, thus swinging the legs 7 to the position illustrated in Figs. 3 and 4, in which views the frame is shown in

its folded condition, it being understood that the parts will remain in such condition until the ends of the legs 11 are disengaged from the cleat 2.

It is to be particularly observed that when the device is arranged for use the locking member 18 will exert a downward pressure upon the rod 17 and owing to the latter being seated above the joints of the pairs of links 14 act upon the latter for tending to draw the upper ends of the pairs of legs 7 and 11 toward each other to thus maintain the upper ends of the legs 11 in secure engagement with the pins 4, whereby accidental disengagement of the legs and folding of the frame 6 will obviously be prevented.

From the foregoing it is apparent that I produce a simple inexpensive device admirably adapted for the attainment of the ends in view and one wherein the frame will afford a rigid and firm support for the table during use of the latter, it being understood that in attaining these ends minor changes in the details herein set forth may be resorted to without departing from the spirit of the invention.

Having thus fully described the invention, what is claimed as new is—

In a device of the class described, a table, a collapsible supporting-frame therefor comprising foldable legs and upper and lower pairs of links extended between and pivotally connected with the legs, the pivotal axle of the lower links being disposed above that of the meeting ends of the upper links, a locking member fulcrumed upon the pivotal axle of the meeting ends of the lower links and adapted for engagement with the table to maintain the frame in unfolded condition.

In testimony whereof I affix my signature in presence of two witnesses.

LEWIS CALVIN BULLOCK, JR.

Witnesses:

W. HARRISON WALKER,

CHAS. SHECKLER.