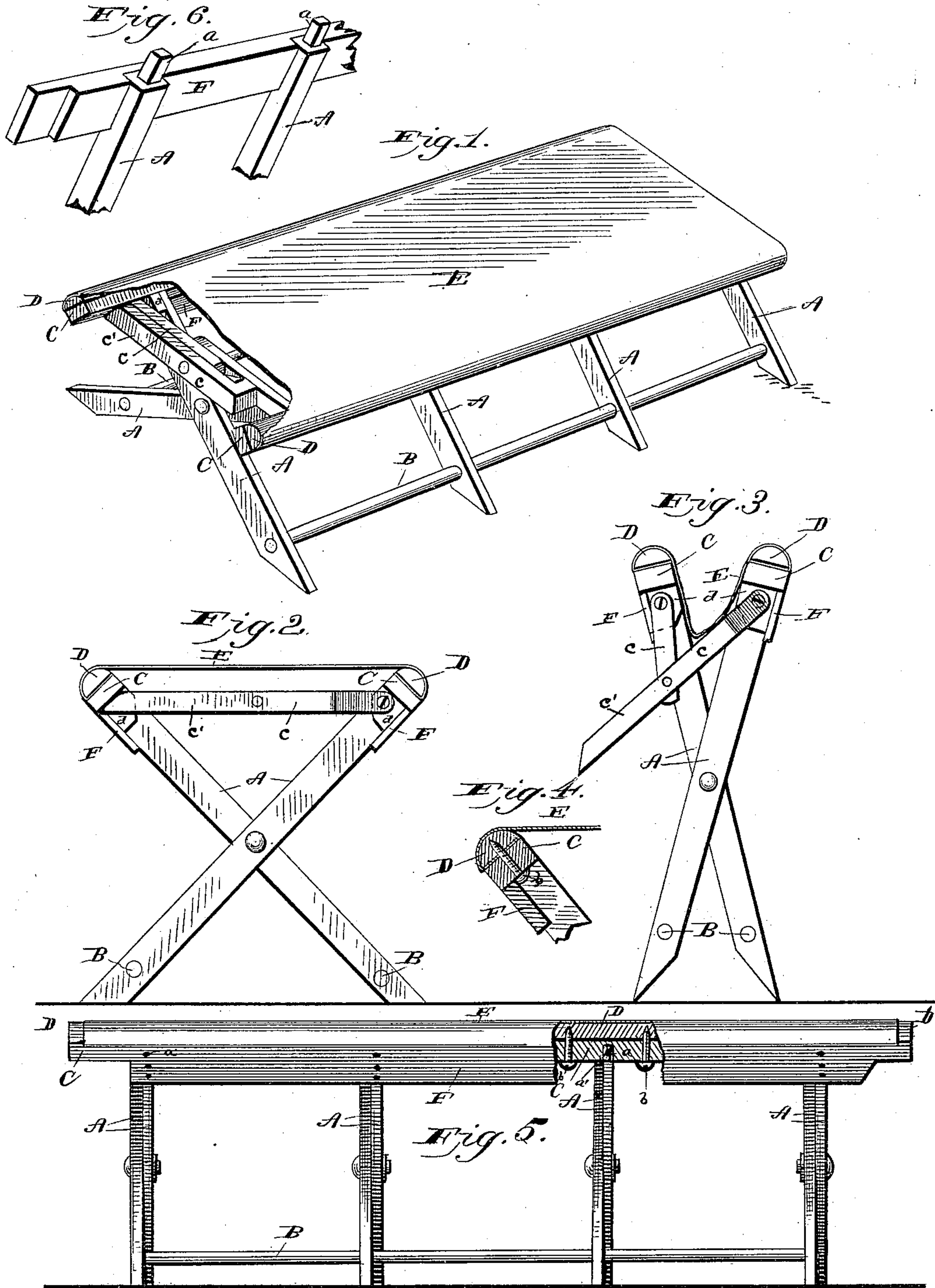


(No Model.)

J. P. LUTHER.
COT.

No. 420,813.

Patented Feb. 4, 1890.



Witnesses:

Jno. S. Finch Jr.
Ed. Davis

Inventor:

J. P. Luther
By his Attorneys
C. M. Alexander

UNITED STATES PATENT OFFICE.

JUSTUS P. LUTHER, OF BERLIN, WISCONSIN.

COT.

SPECIFICATION forming part of Letters Patent No. 420,813, dated February 4, 1890.

Application filed May 21, 1889. Serial No. 311,506. (No model.)

To all whom it may concern:

Be it known that I, JUSTUS P. LUTHER, a citizen of the United States, residing at Berlin, in the county of Green Lake and State of Wisconsin, have invented certain new and useful Improvements in Folding Cots, of which the following is a specification, reference being had therein to the accompanying drawings, in which—

Figure 1 represents a perspective view of my improved cot, a portion of one end of the canvas being broken away; Fig. 2, an end elevation of the same; Fig. 3, a similar view showing the cot partly folded; Fig. 4, a detail sectional view showing method of clamping the canvas to the side rails; Fig. 5, a side elevation of the cot, a portion of the side rails being broken away; and Fig. 6, a detail perspective view of portions of two supporting-legs, showing the bar for preventing lateral or endwise vibration of the cot.

The object of the invention is, essentially, to produce an extremely simple cot which shall possess the desirable qualities of durability, strength, and lightness in an eminent degree; and it consists in certain novel features of construction, which will be fully hereinafter specified, and particularly pointed out in the claim appended.

In the accompanying drawings, A designates the legs of the cot, preferably eight in number and arranged in pairs, the legs of each pair being crossed and pivoted together, as shown. The lower ends of the legs are secured and braced and held in alignment by the horizontal connecting-rods B. The upper ends of the legs are provided with tenons *a*, which are adapted to fit snugly into suitable sockets in the side rails C, these rails being thereby securely attached to the upper ends of the legs. Nails or screws *a'* may be employed to secure the tenons in their sockets, if desired, or the tenons may be glued therein.

Clamped to the upper inclined faces of the rails C, by means of screws *b*, are the clamping-strips D, the said screws *b* being passed up through the rails and screwed into the strips D, as shown. Clamped between the strips D and the rails are the longitudinal edges of the canvas E, the edges of the can-

vas being passed over the tops of the said strips and inserted between the same and the lower rails from the outside, the clamping-strips being thereby covered over and hidden. The upper faces of the clamping-strips are rounded to prevent undue wear or cutting of the canvas. The canvas is thus clamped removably but securely in place without tacks or nails.

To brace the cot against endwise vibration, I secure to the outer sides of the legs, up close to the side rails, bars F, which extend approximately the full length of the cot, and are recessed, as shown in Fig. 6, at the proper points to receive the legs.

To stretch the canvas and prevent sagging of the same at the head of the cot, I employ the toggle-levers *c c*, the adjacent ends of the levers being pivoted together and their outer ends to blocks *d*, secured in the corners formed by the side rails D, the bars F, and the legs. One of the levers is provided with an extension *c'*, which, when the canvas is stretched, extends over and abuts against the lower inclined face of the opposite side rail, and thereby locks the levers against accidental displacement, the end of the said extension being beveled to fit against the inclined face of the rail.

To fold the cot it is simply necessary to unlock the toggle by pressing down upon its joint, and then drawing the side rails toward each other, as shown in Fig. 3.

It is evident that I may employ this method of clamping the canvas in the construction of camp-stools, canvas-topped tables, and other furniture.

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

The combination of the crossed legs A, provided with tenons on their upper ends, the side rails provided with mortises for the reception of these tenons, the side strips F, secured to the legs and adapted to brace them against lateral movement, the stretched canvas connecting the side rails, and the clamping-strips D and their securing-screws *b*, the screws being passed up through the side rails and longitudinal edges of the canvas and

into the said clamping-strip D, the longitudinal edges of the canvas being passed over the upper rounded surfaces of the clamping-strips and in under the same, thereby securely
5 clamping the canvas to the side rails and entirely obscuring the clamping-strips, as and for the purpose set forth.

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

JUSTUS P. LUTHER.

Witnesses:

J. McLOUGHLIN,
A. L. TUCKER.