

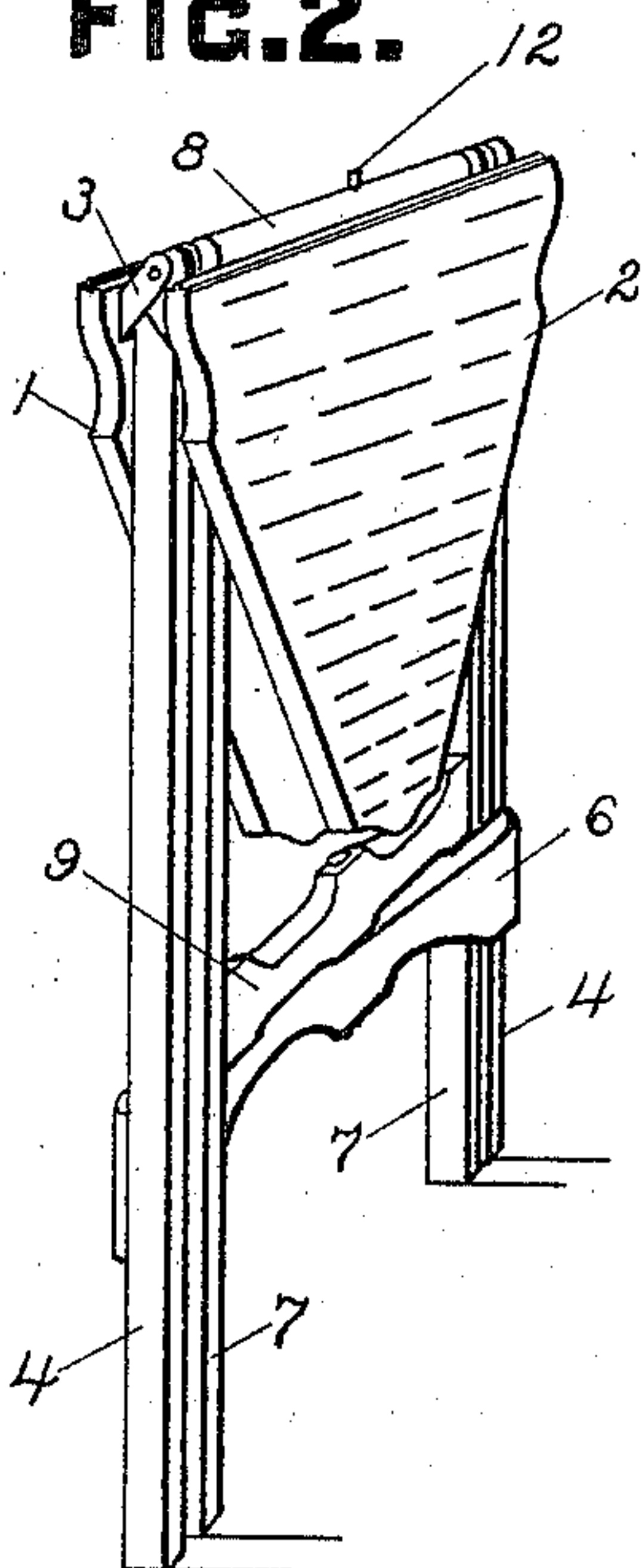
(No Model.)

G. E. LORD.  
FOLDING TABLE.

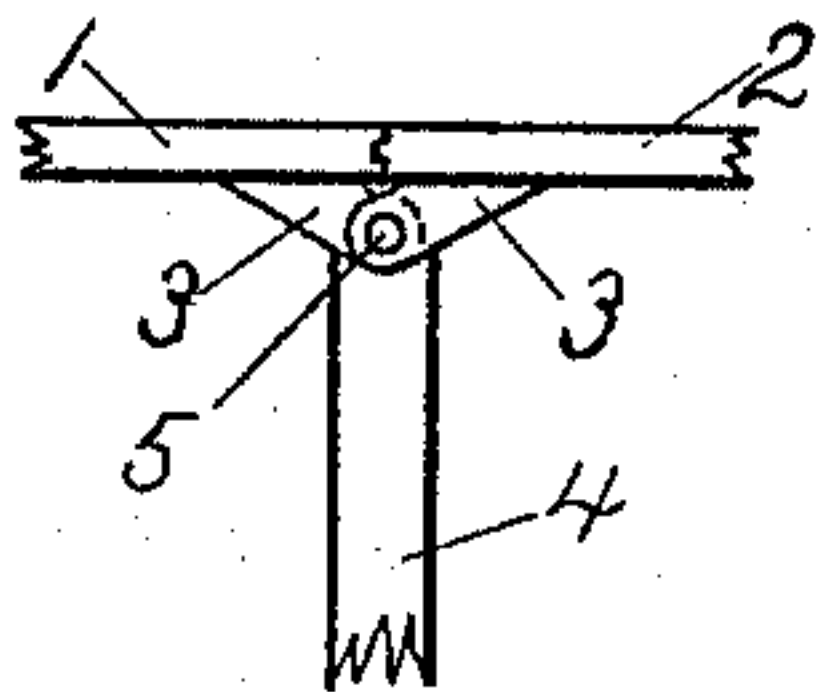
No. 581,915.

Patented May 4, 1897.

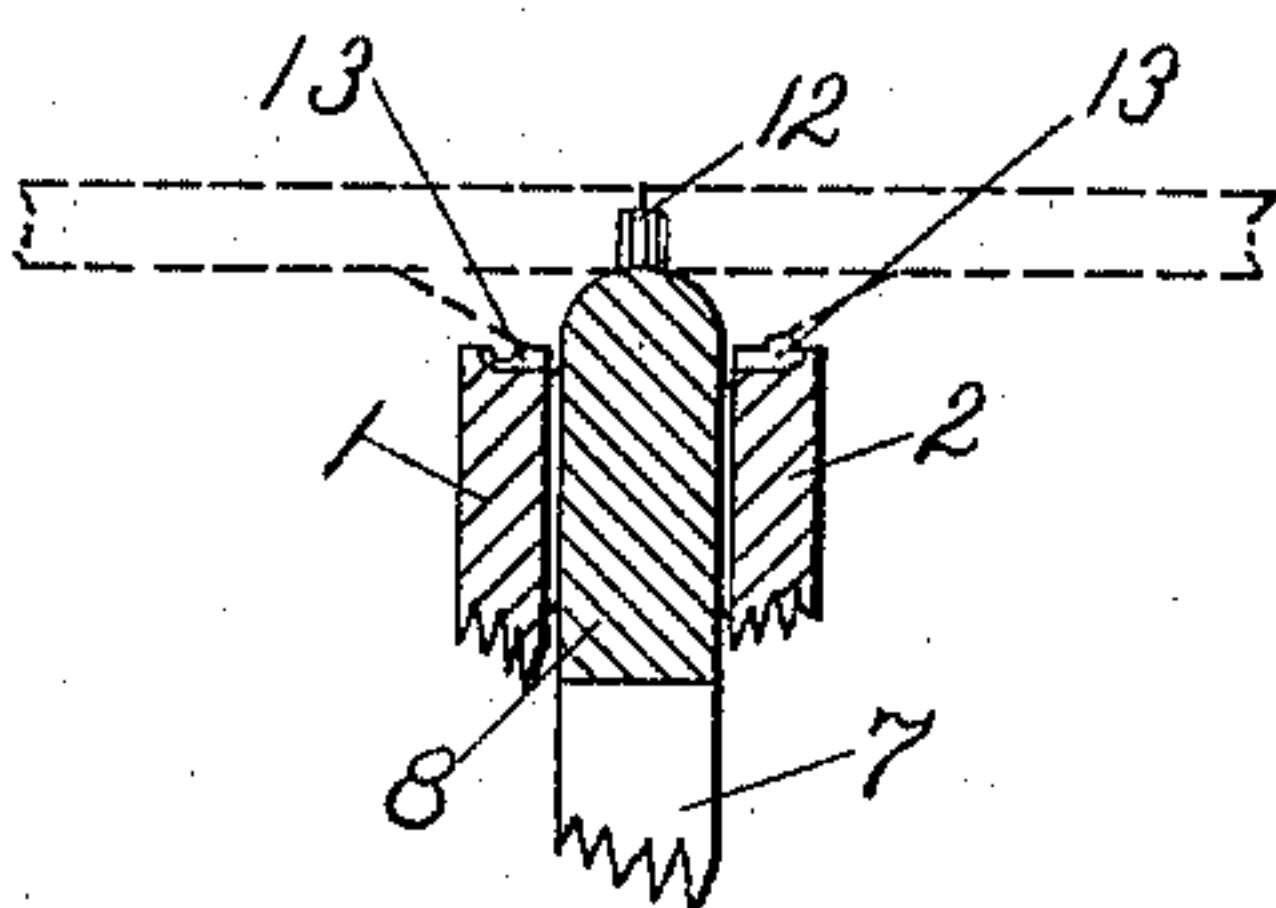
**Fig. 2.**



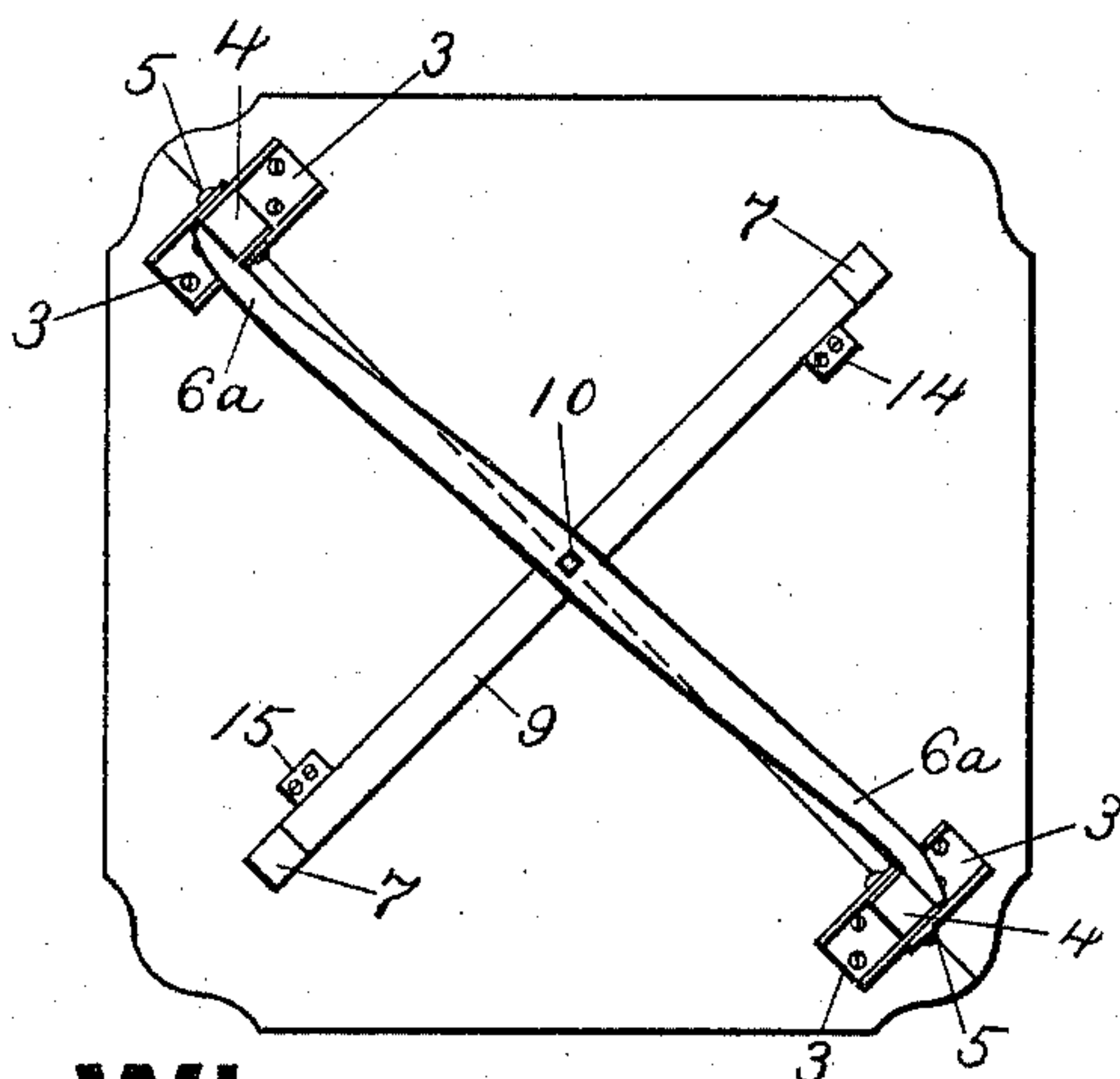
**Fig. 5.**



**Fig. 7.**



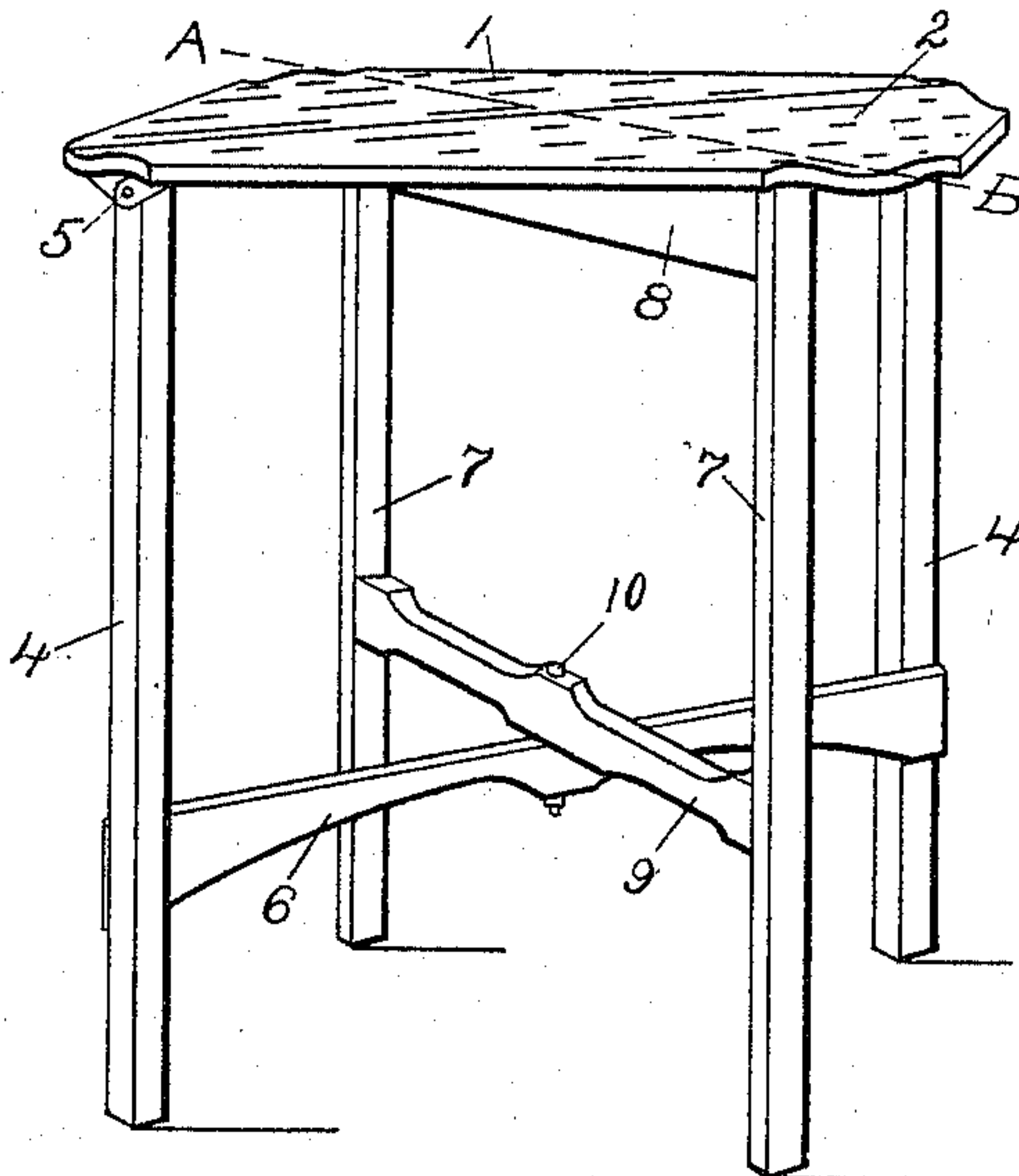
**Fig. 4.**



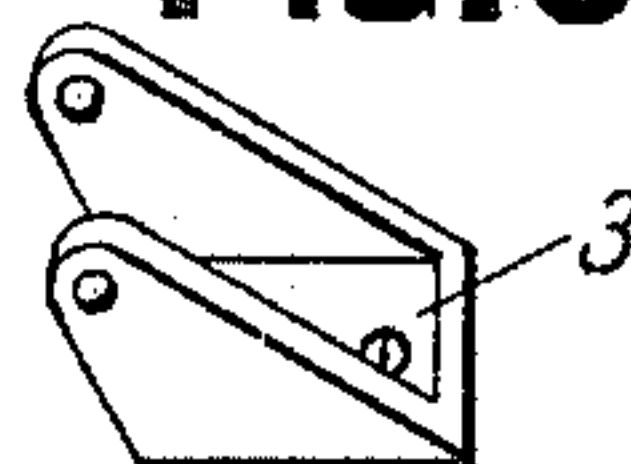
**WITNESSES.**

*L. H. Golegrove*  
*Phelps A. Tanner*

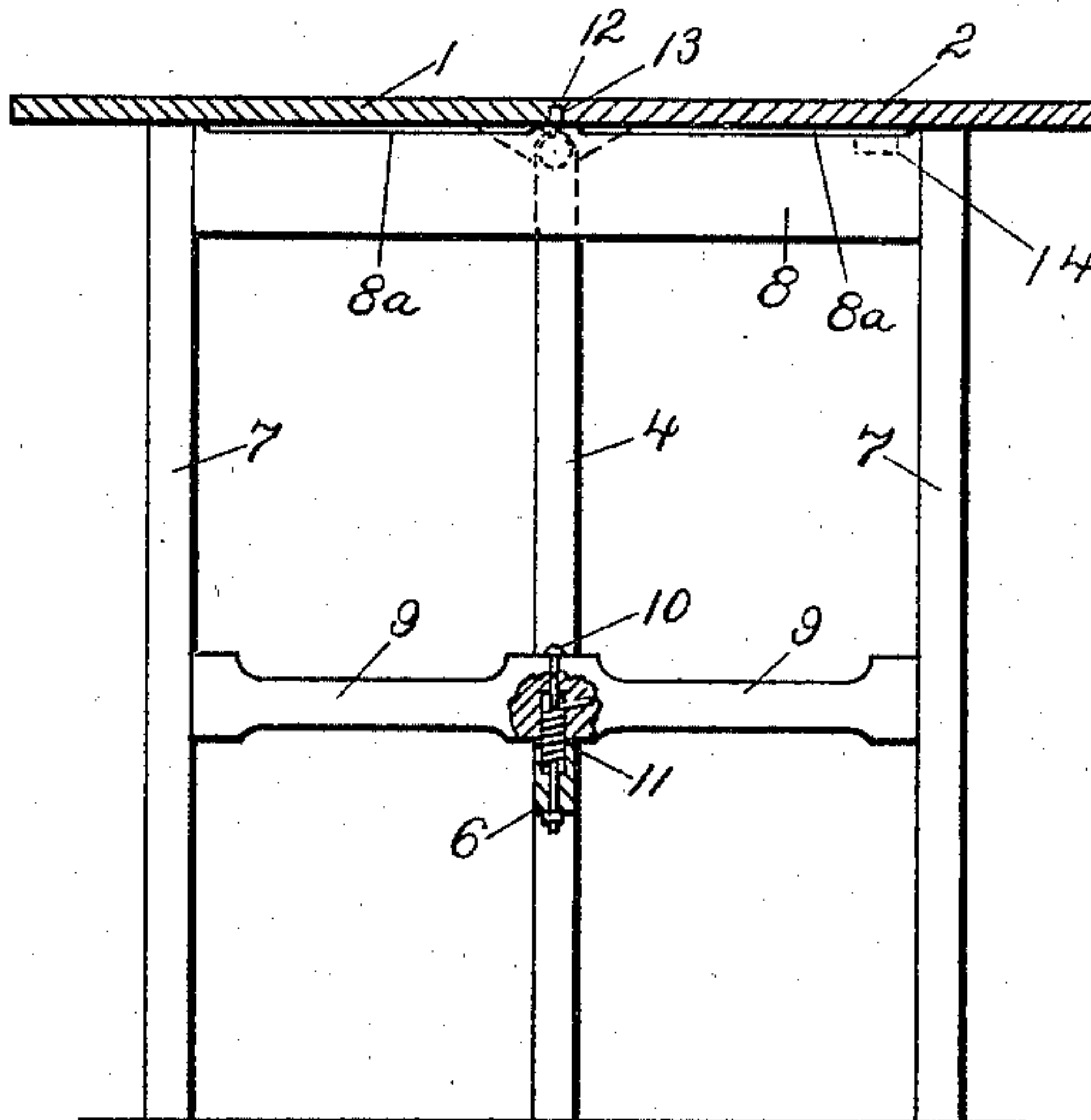
**Fig. 1.**



**Fig. 6.**



**Fig. 3.**



**INVENTOR.**

*George E. Lord*  
**By** *Risley Robinson Love*  
**ATTORNEYS.**



# UNITED STATES PATENT OFFICE.

GEORGE E. LORD, OF UTICA, NEW YORK, ASSIGNOR TO HELEN M. LORD,  
OF SAME PLACE.

## FOLDING TABLE.

SPECIFICATION forming part of Letters Patent No. 581,915, dated May 4, 1897.

Application filed June 1, 1896. Serial No. 593,795. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE E. LORD, of Utica, in the county of Oneida and State of New York, have invented certain new and  
5 useful Improvements in Folding Tables; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the  
10 same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form part of this specification.

My invention relates to folding tables.

15 In the drawings which accompany and form a part of this specification and in which similar figures of reference refer to corresponding parts, Figure 1 shows in perspective my folding table in open or extended position. Fig.  
20 2 shows in perspective the table closed or folded. Fig. 3 is a section taken on line A B of Fig. 1. Fig. 4 is a bottom view. Fig. 5 is a detail showing the hinges employed in the construction. Fig. 6 shows in perspective one of  
25 the parts of the hinges employed in the construction. Fig. 7 shows in detail, on a larger scale, the pivot between one set of legs and the table-top.

Referring to the reference-numbers, 1 and  
30 2 indicate the two parts of the folding top, the top being divided diagonally into these two parts. Adjacent to the dividing-line and near each end of it each part is provided with a hinge part 3 3, &c., secured to the under side  
35 of the table parts. These hinge parts are pivoted together and the ends of the legs 4 4 secured and pivoted by a pivot 5. Between the lower portion of the legs 4 4 is provided a cross-bar 6, which is securely attached to each leg.  
40 The legs 7 7 are connected at the upper ends by a cross-piece 8 and adjacent to their lower ends by a cross-piece 9, and the cross-piece 9, at its middle, is pivoted to the middle of the cross-piece 6 by the pivotal bolt 10. In the  
45 joint between the bars 6 and 9 and coiled around the bolt 10 is located a spring 11, the upper end of which is secured in the cross-piece 9 and the lower end secured in the cross-piece 6. On the cross-bar 8 is located a pivot-pin 12, which is adapted to engage in semi-circular sockets 13 in the edges of the top parts  
50 1 and 2 when the table is open. These notches,

however, do not extend to the upper surface of the table. Stops 14 and 15 are provided, secured on the under sides of the parts of the  
55 top to limit the rotary swinging movement of the legs 7 7 with their frame-bars. It will be noted that the cross-bar 6 between the legs 4 4 engages on opposite sides of this pair of legs and is curved at its outer ends, as shown at  
60 6<sup>a</sup>, to permit the legs 7 to fold into the same plane as the legs 4.

When the table is folded in position, as shown in Fig. 2, the top parts 1 and 2 confine the bar 8 and the legs 7 7 in folded position  
65 and in the same plane with the legs 4. When the top, however, is extended so that the two parts come into the same plane, the pivot 12 is held by the socket in the center of the top and the spring 11 operates to swing the legs  
70 7 7 into a position at right angles with the legs 4 4 and so that the cross-bar 8 will stand at right angles to the division-line between the parts of the top. When it has reached this  
75 position, the stops 14 and 15 prevent any further movement, and in this position the top is secured against folding.

To fold the table, the legs 7 7, with their frame-bars together constituting a single rigid  
80 frame, are brought by hand into the same plane with the legs 4, when the top parts will fold down into the position shown in Fig. 2.

It will be noted that the upper edge of the bar 8 is cut out at 8<sup>a</sup> between the pivot 12 and the outer end of the bar, so as not to produce  
85 an undue amount of friction when the rotary frame is swung into or out of folding position.

What I claim as new, and desire to secure by Letters Patent, is—

1. In a folding table a two-part top, each  
90 part hinged or pivoted to the other and to the upper ends of a pair of legs, a rotating frame including a second pair of legs having a central pivot adapted to engage in a socket in the edges of the top parts, substantially as set  
95 forth.

2. In a folding table the combination of the two-part folding top, legs hinged to the top, the rotary frame including a pair of legs and having a central pivot adapted to engage in  
100 half-sockets in the meeting edges of the top parts, and a spring for operating the frame, substantially as set forth.

3. The combination of the two-part folding



top, legs hinged directly to each part of the top, a rotary frame including a second set of legs having a vertical pivot adapted to engage in sockets in the edges of the top parts, a  
5 spring for operating the frame and a stop for limiting its swinging movement, substantially as set forth.

4. The combination in a folding table of the folding top parts, a pair of legs hinged to the  
10 top on the line of separation between the parts and connected by a cross-bar below the hinges, a frame carrying a second set of legs pivoted at its upper end to the top and pivoted on the cross-bar between the first-mentioned set  
15 of legs, an opening-spring located in the last-mentioned pivotal joint and stops for limiting the swinging movement of the second set of legs, substantially as set forth.

5. In a folding table the two-part top, hinge  
20 parts secured on opposite parts of top having inclined arms to bring the pivot thereof below the plane of the under surface of the top and substantially directly below the line of separation of the parts, a pair of legs, a rotary

frame including a second set of legs pivoted 25 to the table, provision for the frame in folded position being made between the folded parts of the top by the inclined arms of hinges, substantially as set forth.

6. The combination in a folding table of the 30 two-part top, a pair of legs, hinges secured to each part and having their pivot below the plane of under surface of table and said legs pivoted on the hinge-pivots, a rotary frame including a second set of legs pivoted at its 35 lower end to a cross-bar between the first-mentioned pair of legs and provided with a pivot at its upper end adapted to be received in sockets in the meeting edges of the top when open and the upper end of frame being 40 confined between the top parts when folded, substantially as set forth.

In witness whereof I have affixed my signature in presence of two witnesses.

GEORGE E. LORD.

Witnesses:

D. H. COLEGROVE,

E. WILLARD JONES.