(No Model.)

D. A. FAY.

FOLDING TABLE.

No. 338,835. Patented Mar. 30, 1886.

Fig. 1.

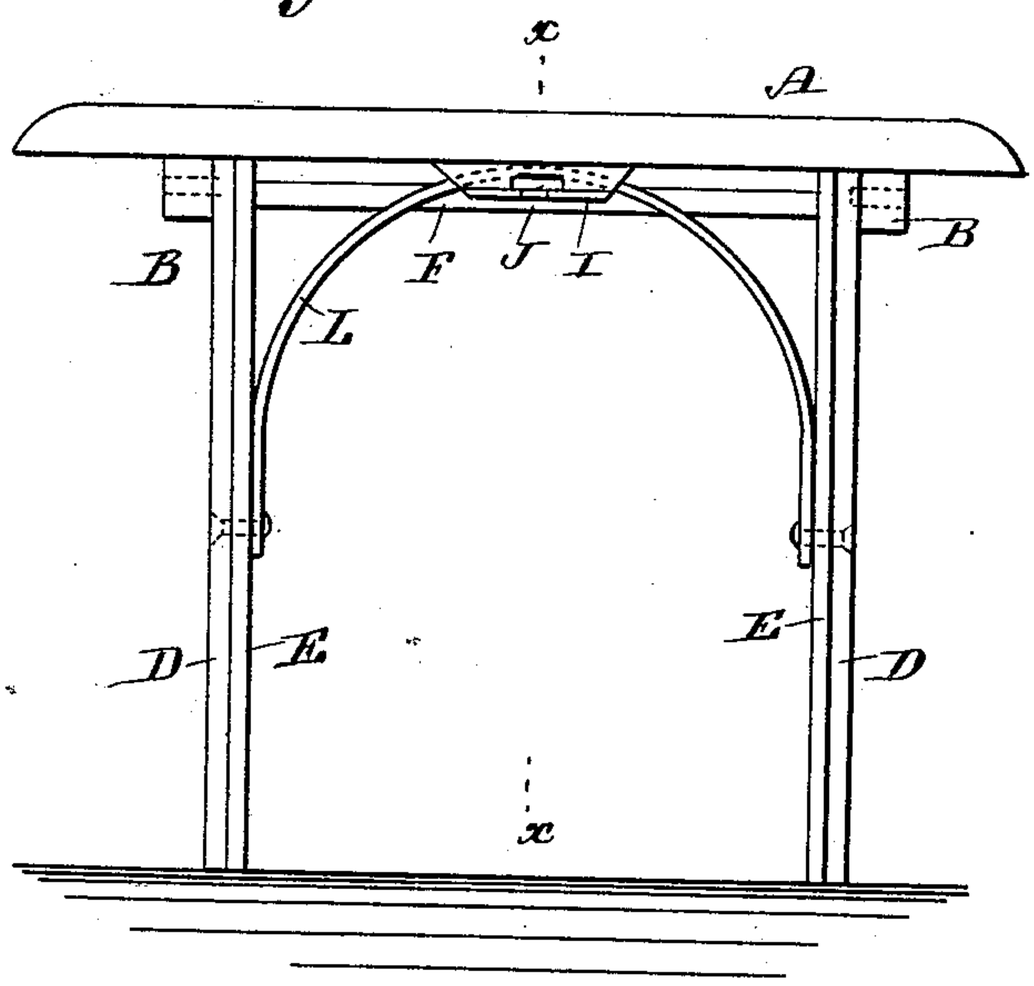


Fig. 2.

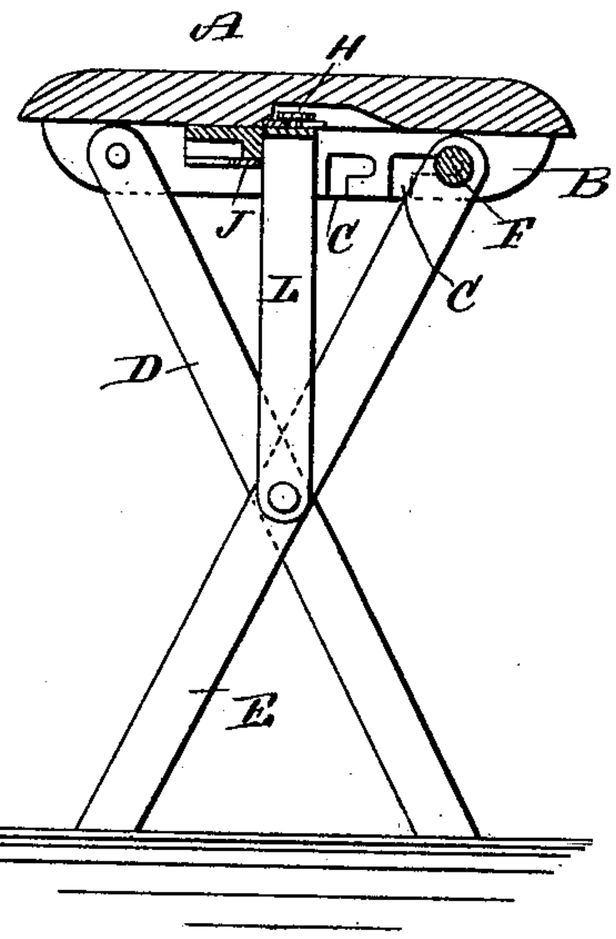


Fig. 3.

Fig. 4.

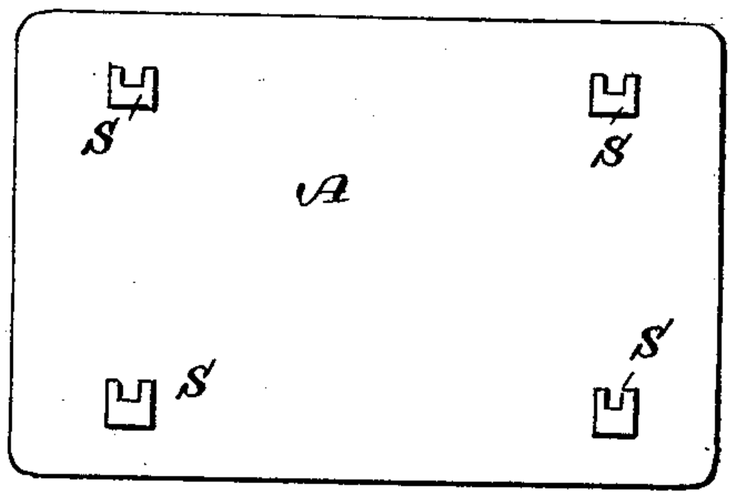
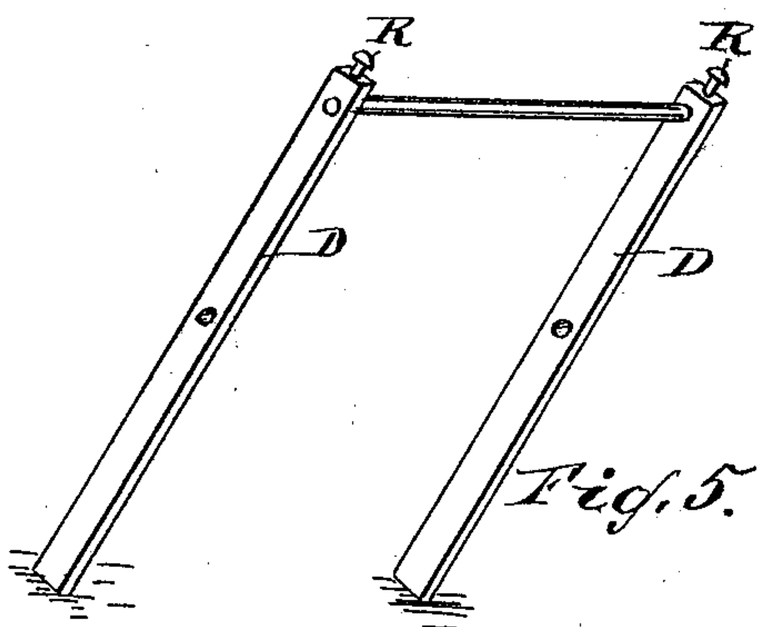


Fig. 5.



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FOLDING TABLE.

SPECIFICATION forming part of Letters Patent No. 338,835, dated March 30, 1886.

Application filed December 17, 1885. Serial No. 185,903. (No model.)

To all whom it may concern:

Be it known that I, DANIEL A. FAY, of West Brattleborough, in the county of Windham and State of Vermont, have invented a new and Improved Folding Table, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved table, which is simple in construction, can be folded very compactly, and can be erected easily and rapidly.

The invention consists in the construction and combination of parts and details, as will be fully described and set forth hereinafter, and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a side view of my improved folding table. Fig. 2 is a cross-sectional view of the same on the line *x x*, Fig. 1. Fig. 3 is a plan view of the under side of the same folded. Fig. 4 is a plan view of the under side of the top plate, showing a modified construction. Fig. 5 is a perspective view of a modified construction of the legs.

On the under side of the top plate, A, the two cleats B are secured transversely, and have undercut L-shaped slots C in their inner sides. Legs D are pivoted to the cleats, as shown, and to the legs D the crossed legs E are pivoted, and are united at their ends by the rod F, having pins G formed on the ends, which pins project from the sides of the legs, and can be passed into the slots or grooves C in the cleats. The two pairs of legs are connected by the curved metal brace L, from the middle of which the headed stud H projects, which can be passed into notches J in plates I, secured on the under side of the top plate, A, recesses being formed between the plates I and the under side of the top plate for receiving the head of the stud H. When the table is erected, the pins G are in the slots or grooves C, and the head of the stud H is in one of the notches J. The two plates I are provided at different elevations—that is, one is a short distance farther from the under side of the top plate than the other, as the stud H on the middle of the brace L is different distances from the under side of the top plate for different elevations of the top plate from the floor.

The table can be adjusted to be higher or lower, accordingly as the pins G are passed into the grooves or slots C, near the centers or ends of the cleats B. Two plates, I, are provided, so that the brace L can be locked for both positions of the legs.

To fold the table, the headed stud H is removed from the notch J in the plate I, and the pins G are removed from the grooves or slots C, and the legs and the brace are folded on the under side of the top plate, A, as shown in Fig. 3.

In place of having the rod F, the end pins, G, and the notched cleats B, the upper ends of the legs may be provided with the headed studs R, which can be passed into the notched plates S, secured on the under side of the top plate, A, this construction being shown in its parts in Figs. 4 and 5.

I have shown but four notched plates S on the under side of the top plate; but more may be provided to permit of adjusting the table at different elevations.

A scale, T, may be formed diagonally or in any other suitable manner on the upper surface of the top plate of the table.

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

1. In a folding table, the combination, with a top plate and two pairs of crossed legs pivoted to the said top plate, of a brace for connecting the legs, having its ends pivoted on the pivot of the said legs, and means for locking the middle portion of the said brace to the under side of the top plate, substantially as described.

2. In a folding table, the combination, with a top plate, of cleats on the under side of the same, which cleats have slots or grooves, two pairs of crossed legs pivoted to the cleats, a curved brace pivoted to the legs, and of a device on the brace for locking the same at its middle to the under side of the top plate, substantially as herein shown and described.

3. In a folding table, the combination, with a table, of notched or slotted plates on the under side of the same, legs pivoted to the cleats, a curved pivoted brace uniting the legs, a

headed stud on the center of the brace, and of notches on the under side of the top plate, substantially as herein shown and described.

4. In a folding table, the combination of a top plate, notched plates secured on the under side of the same in different horizontal planes, two pairs of cross-legs pivoted to the said top plate, and a curved brace having its ends pivoted to the legs and provided with a stud at its middle portion, substantially as herein shown and described.

DANIEL A. FAY.

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