2 Sheets—Sheet 1.

W. W. HART.

Folding-Table.

No. 200,291. **Patented Feb. 12, 1878.**

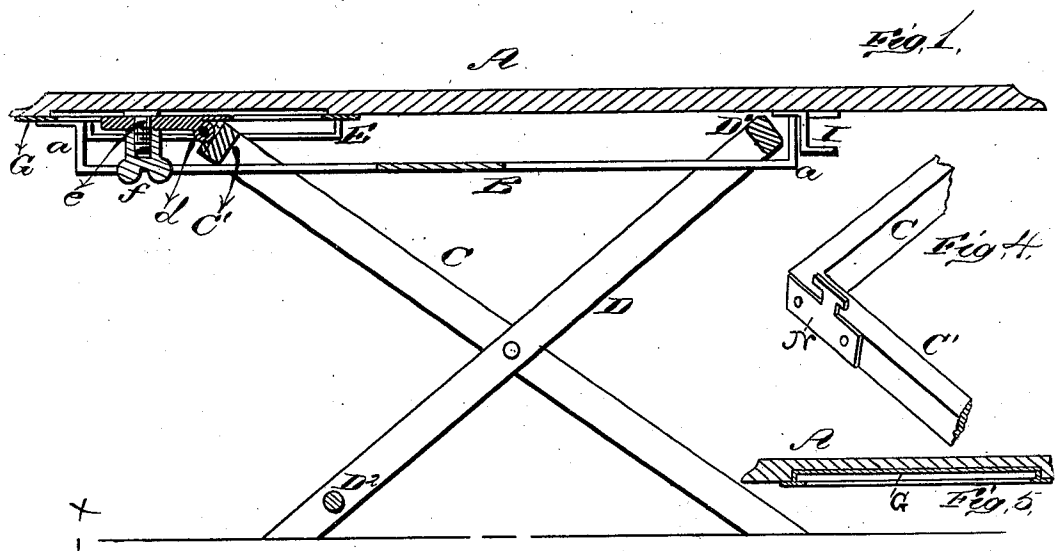


Fig. 1.

Fig. 4. Fig. 5.

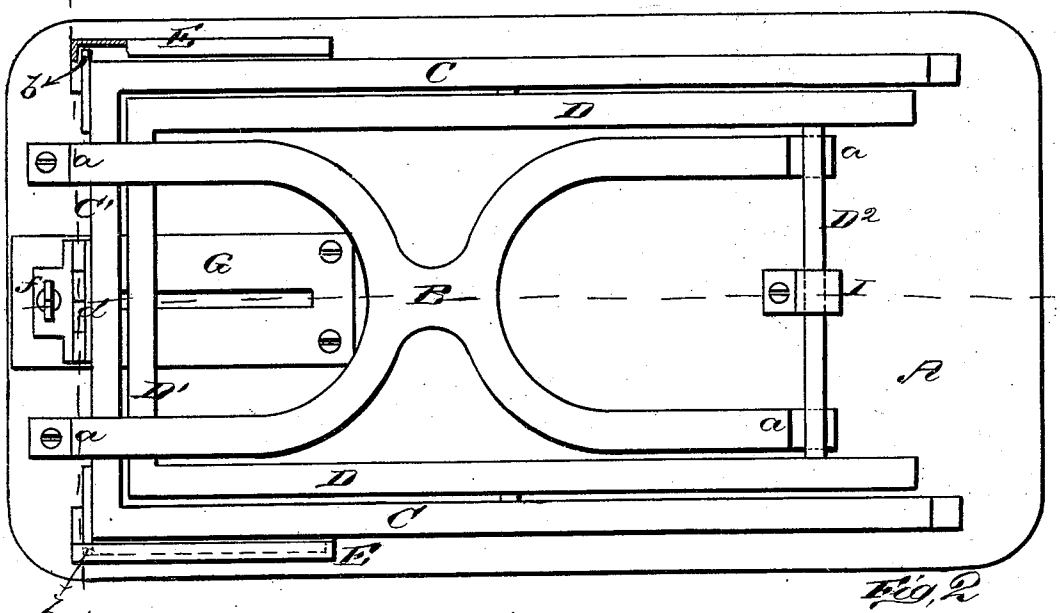


Fig. 2.

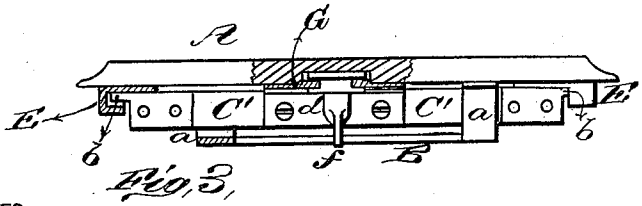


Fig. 3.

WITNESSES

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ATTORNEYS.

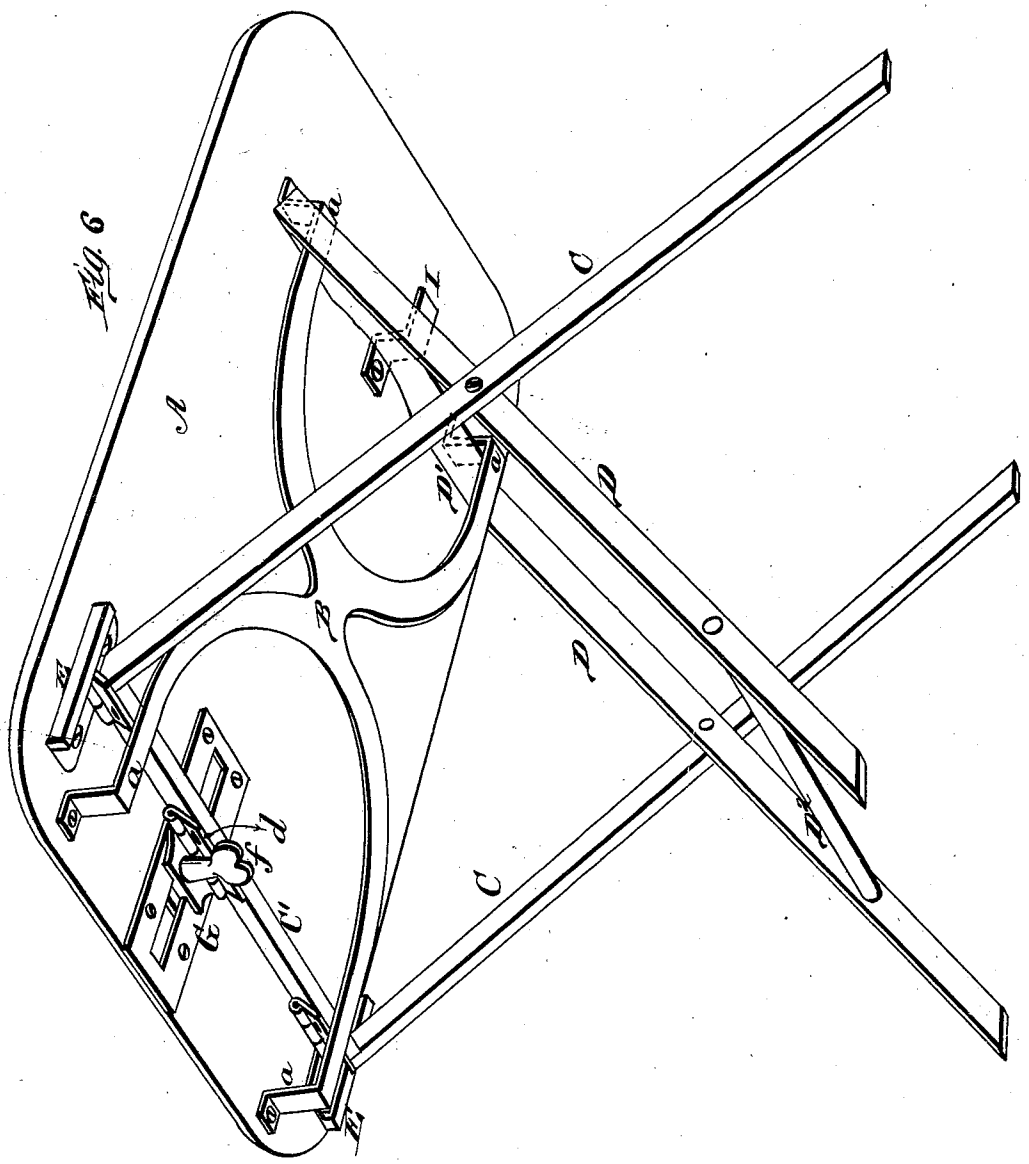
N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

2 Sheets—Sheet 2.

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Folding-Table.

No. 200,291. Patented Feb. 12, 1878.



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UNITED STATES PATENT OFFICE.

WILLIAM W. HART, OF DETROIT, MICHIGAN, ASSIGNOR TO FRED. H. SEYMOUR, OF SAME PLACE.

IMPROVEMENT IN FOLDING TABLES.

Specification forming part of Letters Patent No. **200,291**, dated February 12, 1878; application filed October 13, 1877.

To all whom it may concern:

Be it known that I, WILLIAM W. HART, of Detroit, in the county of Wayne and State of Michigan, have invented a new and valuable Improvement in Folding Tables; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a longitudinal vertical section of my folding table. Fig. 2 is a bottom-plan view, and Fig. 3 is a transverse vertical section thereof. Fig. 6 is a perspective view of my folding table.

The nature of my invention consists in the construction and arrangement of a folding table, as will be hereinafter more fully set forth.

The annexed drawings, to which reference is made, fully illustrate my invention.

A represents the table-top, of any suitable dimensions, provided on its under side with a skeleton frame, B, the ends of which are bent in angular form, as shown at *a a*. This frame may be of any suitable dimensions, and extends from one end of the top A toward the other end as far as desired. C C are two legs, connected at their upper ends by a cross-bar, C′, which passes under the skeleton frame B. At the ends of this cross-bar are attached journals or pivots *b b*, which extend under flanged guide-plates E E, fastened to the under side of the table A. To the center of the cross-bar C′ is fastened one leaf of a hinge, *d*, the other leaf of which lies against a slotted plate, G, also fastened to the under side of the table A. In the top G is a groove covered by said plate, and in said groove is placed the head of a screw, *e*. This screw passes down through the slot in the plate G, and through the leaf of the hinge *d*, and has a thumb-nut, *f*, screwed upon its lower end, for fastening this leaf of the hinge at any point desired to the table. To the inner sides of the legs C C are pivoted two other legs, D D, the upper ends of which are also connected by a cross-bar, D′, said cross-bar also passing between the table A and skeleton frame B, as shown. The cross-bar D′ bears against the arms *a a* of the frame B at the other end.

It will readily be seen that by loosening the thumb-nut *f* the cross-bar C′, connecting the legs C C, can be moved out and in, as desired, to lower and raise the table, and be then fastened by tightening the nut *f* again.

To fold the table, the legs D are turned so as to throw the cross-bar D^1 against the cross-bar C′, the legs D folding within the legs C. A round, D^2, connecting the legs D D near their lower ends, is then made to catch on a hook, I, fastened to the under side of the table A.

Figs. 4 and 5 of the drawings show a modification of the hinge and sliding connection, the slotted plate G being let into the table-top, and the T-shaped plates N being attached to the corners of the cross-bar C′, so as to engage with the aforesaid slotted plate.

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

1. In a folding table, the adjustable pivoted legs C D, secured to one end of the table-top by means of guides and journals, in combination with frame B and hook I, substantially as described, and for the purposes set forth.

2. In combination with an adjustable table, the frame B, provided with stops *a a*, and cross-bar C′, provided with journals, which extend under guide-plates, substantially as described, and for the purposes set forth.

3. In a folding table, the top A, to which is secured a skeleton frame, B, provided with stops *a a*, guides E E and G, in combination with pivoted X-legs C D, provided with cross-bars D^1 D^2, and journals *b b*, screw *e*, and nut *f*, substantially as described, and for the purposes set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

WILLIAM WALLACE HART.

Witnesses:

L. C. TWOMBLY,

JEREMIAH SHEAHAN.