

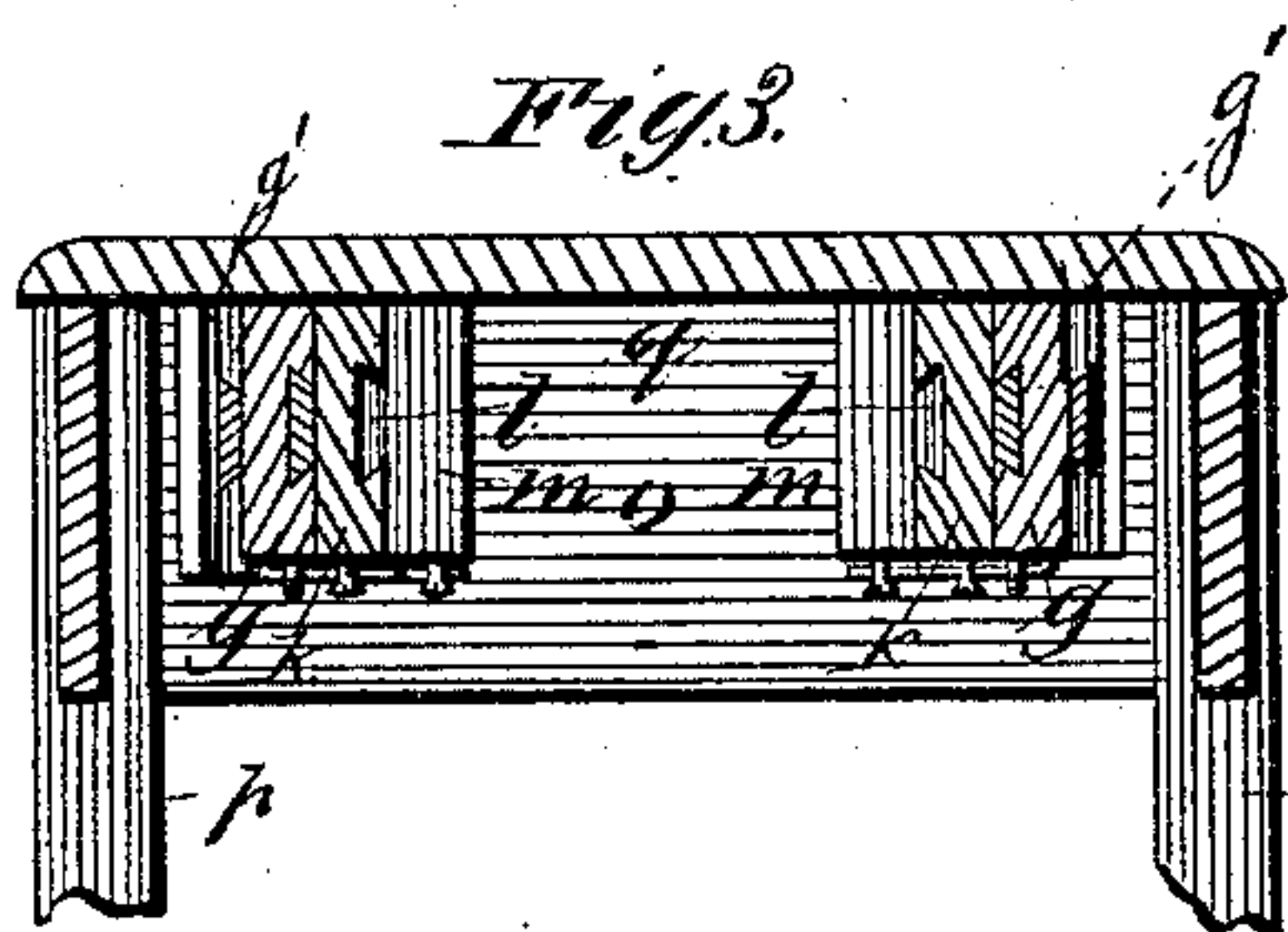
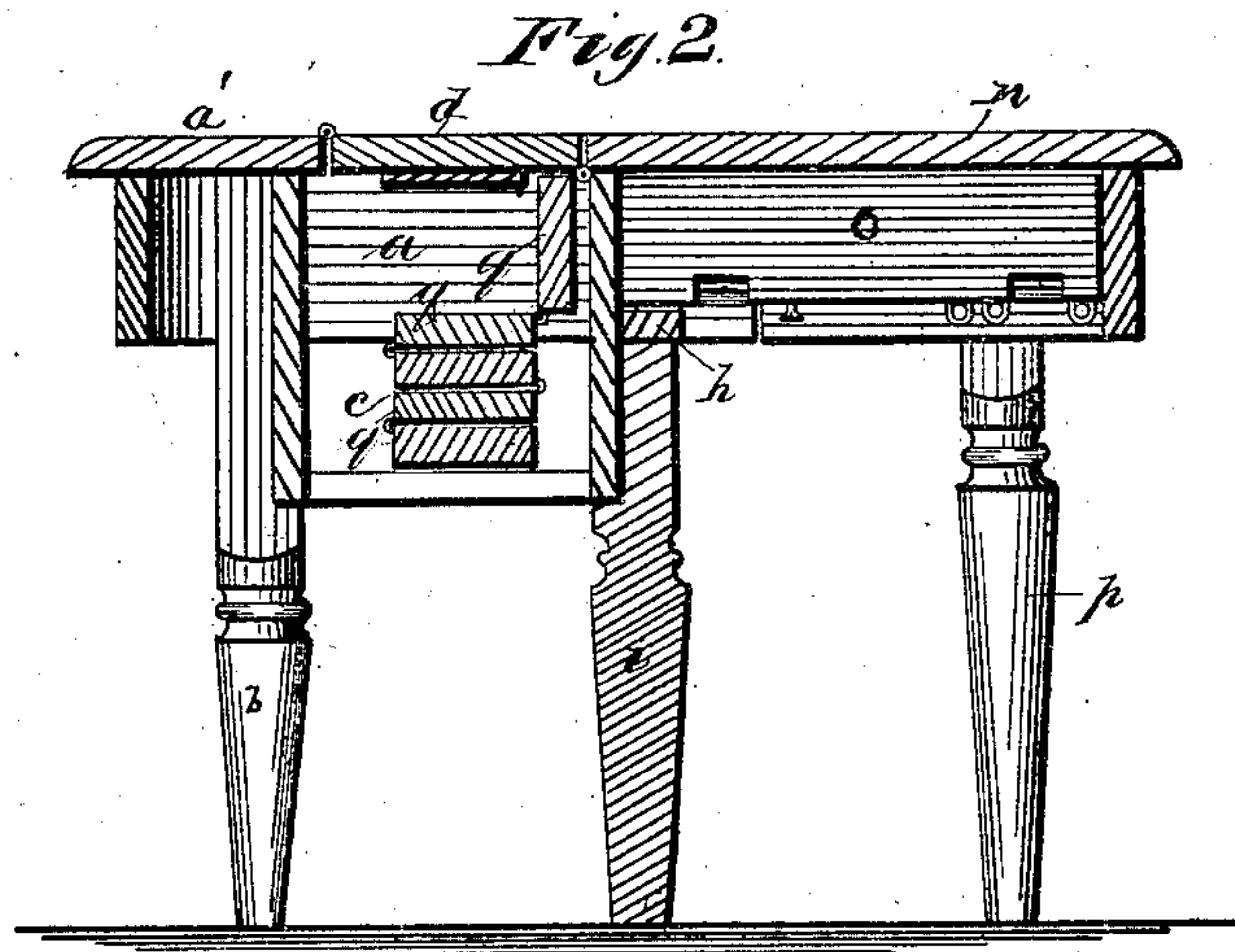
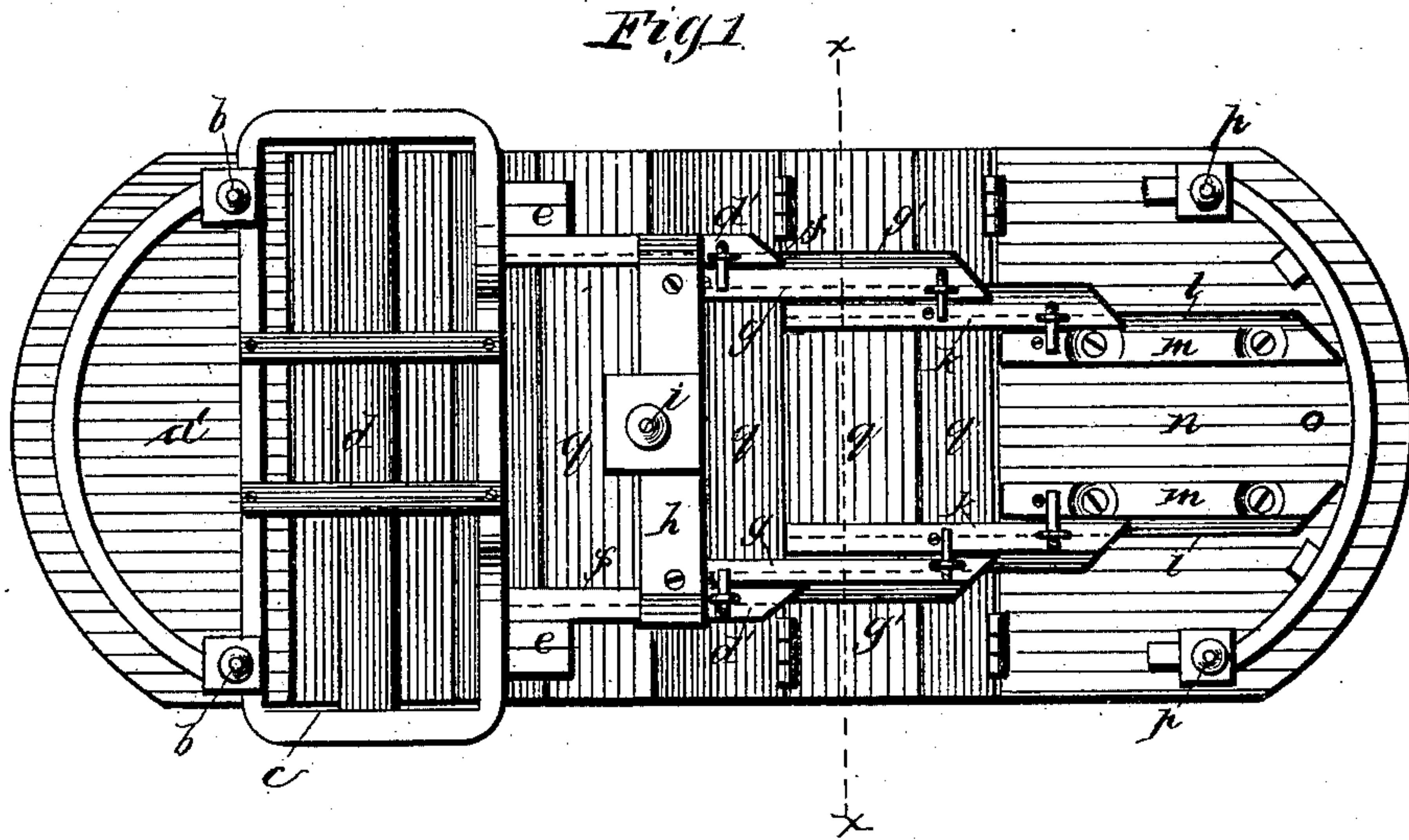
(Model.)

J. BISMANN.

FOLDING LEAF EXTENSION TABLE.

No. 246,060.

Patented Aug. 23, 1881.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN BISMANN, OF FAIRVIEW, WEST VIRGINIA.

FOLDING-LEAF EXTENSION-TABLE.

SPECIFICATION forming part of Letters Patent No. 246,060, dated August 23, 1881.

Application filed May 3, 1881. (Model.)

To all whom it may concern:

Be it known that I, JOHN BISMANN, of Fairview, in the county of Hancock and State of West Virginia, have invented a new and useful Improvement in Folding-Leaf Extension-Tables; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a bottom plan view of my folding table extended. Fig. 2 is a longitudinal section of the same, with the leaves folded in the leaf-receptacle; and Fig. 3 is a cross-section in line *x x*, Fig. 1.

My invention relates to improvements in extension-tables; and it consists in the peculiar construction and arrangement of the parts, as hereinafter more fully set forth.

In the accompanying drawings, *a* represents one end of my improved folding extension-table, having legs *b b*, and a box or receptacle, *c*, under its top for the reception of the folding leaves, and provided with a cover, *d*, hinged to the top *a'*, secured to the legs *b b*.

To projections *e e* on the inner side face of the box *c* and flush with its top, are secured the parallel horizontal arms *d' d'*, having dovetailed grooves *f f* on their inner faces for the reception of the dovetailed tenons *g'* on the outer faces of two parallel horizontal slides *g*, having their inner ends secured to a cross-bar, *h*, to the middle of which the leg *i* is attached. The parallel horizontal slides *g* are each provided with dovetailed grooves or recesses in their inner faces for the reception of dovetailed tenons on the outer faces of the slides *k*, having dovetailed recesses on their inner faces adapted to slide on the dovetailed tenons *l*, secured to the outer faces of the parallel horizontal arms *m m*, attached to the under face of the top *n* of the end *o* of the table. The under faces of the arms *m* are provided with stops near their inner ends, and the under faces of the slides and arms *d'* are provided with pins and short rods adapted to catch or engage with said pins, and cause the slides to operate when extending the table. The end *o* of the table is provided with legs *p p* and top *n*.

q q represent the folding leaves of the extension-table, the first of which is hinged on its side edge or face near its bottom to the lower part of the inner edge of the top *n* of the table, the diagonally-opposite edge of the leaf being hinged to the edge of the adjacent leaf above or near its top edge, the latter being hinged to the next adjacent leaf below, and so on for the others, each leaf being hinged to its adjacent leaf on one side below or near its bottom, and hinged on its opposite side to the adjacent leaf on the other side above or at its upper edge. By this construction, when the ends of the extension-table are closed together and the leaves folded in the box, by sliding out one end of the table the table can be extended as desired, or when extended can be closed entirely or partially and folded in the box, thus dispensing entirely with the handling of the leaves, and thereby saving much time and trouble.

It will be seen that in my construction, when the cover *d* is raised and the two sections *a o* are forced together to contract the table, the leaves *q q* will be automatically folded together, with their top and bottom flat surfaces resting on each other and arranged horizontally in the leaf-receptacle, whereby little depth to the leaf-receptacle is required.

What I claim as my invention is—

The combination, with the sliding end *a* of an extension-table, provided with a fixed top, *a'*, secured to the legs *b*, and a leaf-receptacle, *c*, having a cover, *d*, hinged to the fixed top *a'* of the sliding end *o*, having a fixed top, *n*, and a series of leaves, *q q*, hinged together on diagonally-opposite sides of the leaves, and the first leaf hinged to the top *n*, whereby, when the cover is raised and the ends of the table forced together, the leaves will automatically fold with their top and bottom faces resting horizontally on each other, substantially as described.

JOHN BISMANN.

Witnesses:

ANDERSON SHAY,
CYRUS BEALL.