

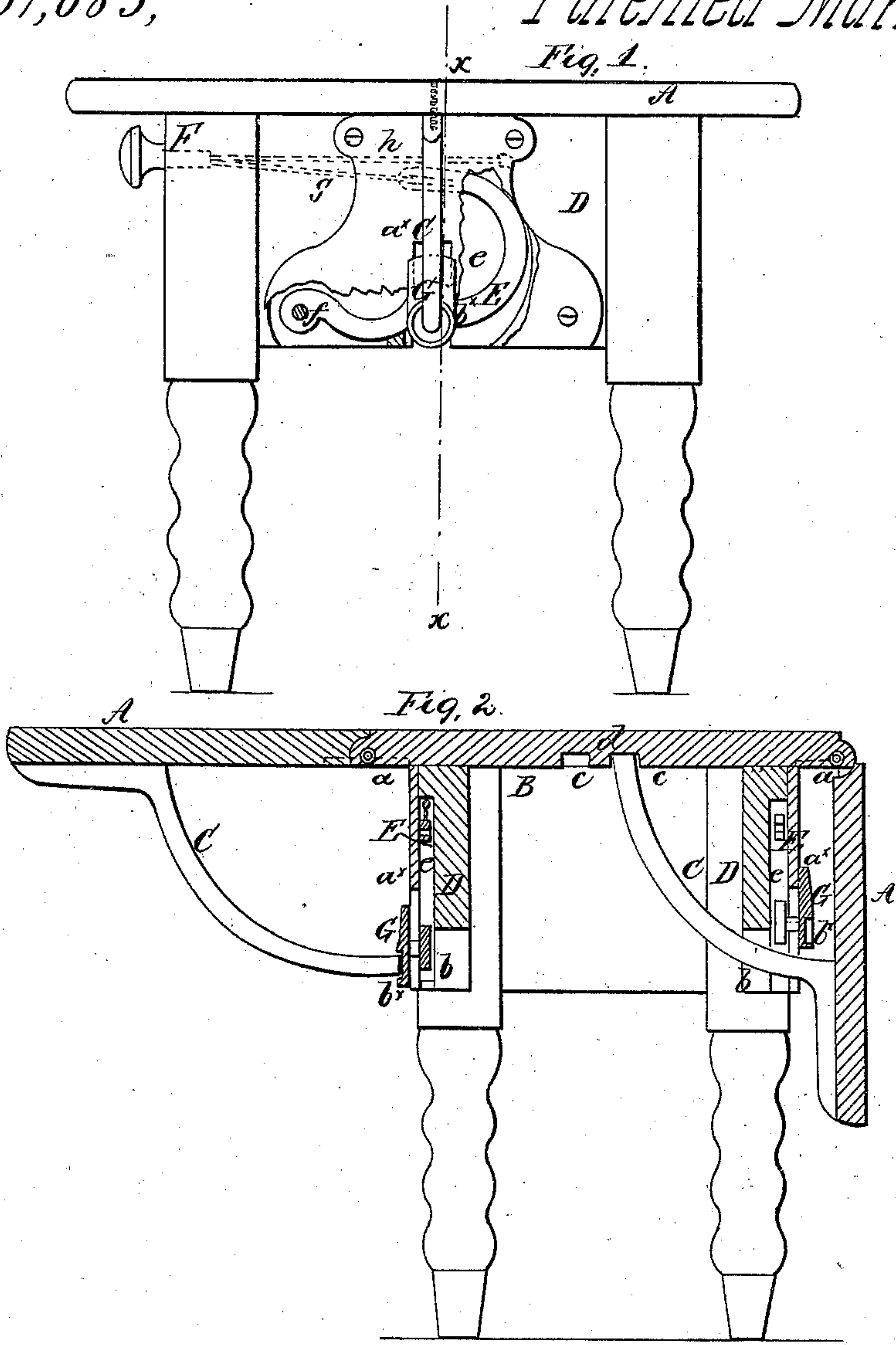
P. F. Warriner,

Table-Leaf Support,

N^o 31,685,

Patented Mar 12, 1861.

Fig. 1.



Witnesses,
Hobcomb
R. S. Spencer

Inventor,
R. P. Warner
per Edmund H.
Attorneys -

UNITED STATES PATENT OFFICE.

P. P. WARRINER, OF HOLLAND PATENT, NEW YORK.

TABLE.

Specification of Letters Patent No. 31,685, dated March 12, 1861.

To all whom it may concern:

Be it known that I, P. P. WARRINER, of Holland Patent, in the county of Oneida and State of New York, have invented a new and useful Improvement in Table-Leaf Supports; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1, is a side view of a table with my invention applied to it; Fig. 2, an end sectional view of the same, taken in the line *x, x*, Fig. 1.

Similar letters of reference indicate corresponding parts in the two figures.

The object of this invention is to obtain a table-leaf support which will adjust itself in proper position to support the leaf when the latter is raised, and at the same time admit of being readily released so as to allow the leaf to fall when desired.

To enable those skilled in the art to fully understand and construct my invention I will proceed to describe it.

A, A, represent the two leaves of a table which are connected to the bed B, by hinges or joints *a*, arranged in the usual way. To the under side of each leaf A, and near its outer edge at its center there is attached a segment bar C. These segment bars may be described as being portions of circles of which the hinges or joints *a*, are the centers, and said bars as the leaves A, A, close pass through apertures *b*, in the sides of the table and their ends fit in recesses *c*, in the under side of the top *d*, see Fig. 2, in which one closed leaf is shown.

In each side rail D, of the table there is a recess *e*, in which a curved lever E, is fitted. The fulcrum *f*, of these levers are at one end as shown in Fig. 1, and the opposite ends of the levers are curved upward and backward toward their fulcrum. To the end of each lever E, a knob F, is attached by a cord *g*. The knobs F, are fitted in one end of the table, and to each knob an india-rubber spring *h*, is attached. These springs have a tendency to keep the shanks of the knobs F, in proper place in the ends of the table. To each lever E, there is attached a

button G, and these buttons work over the holes or recesses *b*, in the sides of the table, and bear against plates *a**, attached to the side rails D, and which cover the recesses *e*.

The operation is as follows: When the leaves A, are down, the segment bars C, are underneath the table as shown in Fig. 2, one leaf of the table in said figure being down. When the leaves are raised the bars C, of course are drawn out from the recesses *b*, and when the ends of said bars leave the recesses the buttons G, drop by their own gravity in connection with that of levers E, and serve as stops for the bars C, which retain the leaves. This will be fully understood by referring to Fig. 2, in which one leaf of the table is shown in an elevated state. When it is designed to lower the leaves, the operator draws back or outward the knobs F, and thereby elevates the levers E, and buttons G, so that the leaves may descend or fall by their gravity.

By this arrangement it will be seen that the operator may adjust the leaves without stooping and with far greater facility than ordinary supports which require to be moved or adjusted each time the leaves are adjusted. The invention is simple, there are no parts liable to get out of repair and it may be applied at a trifling cost.

I would remark that the outer or face sides of the buttons G, G, may be recessed as shown at *b**, to prevent the casual displacement and the consequent falling of the leaves A. This arrangement it will be seen involves the necessity of slightly elevating the leaves before actuating the levers E, in order that the buttons may rise and allow the bars C, to pass through the apertures *b*.

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

The combination of the levers E and knob F with the buttons G, curved bars C and leaves A, in the manner and for the purposes herein shown and described.

P. P. WARRINER.

Witnesses:

WM. RALPH,
GEO. H. TREAT.