

G. Fyfe,

Table-Leaf Support,

No. 55,846,

Patented June 26, 1866.

Fig. 1

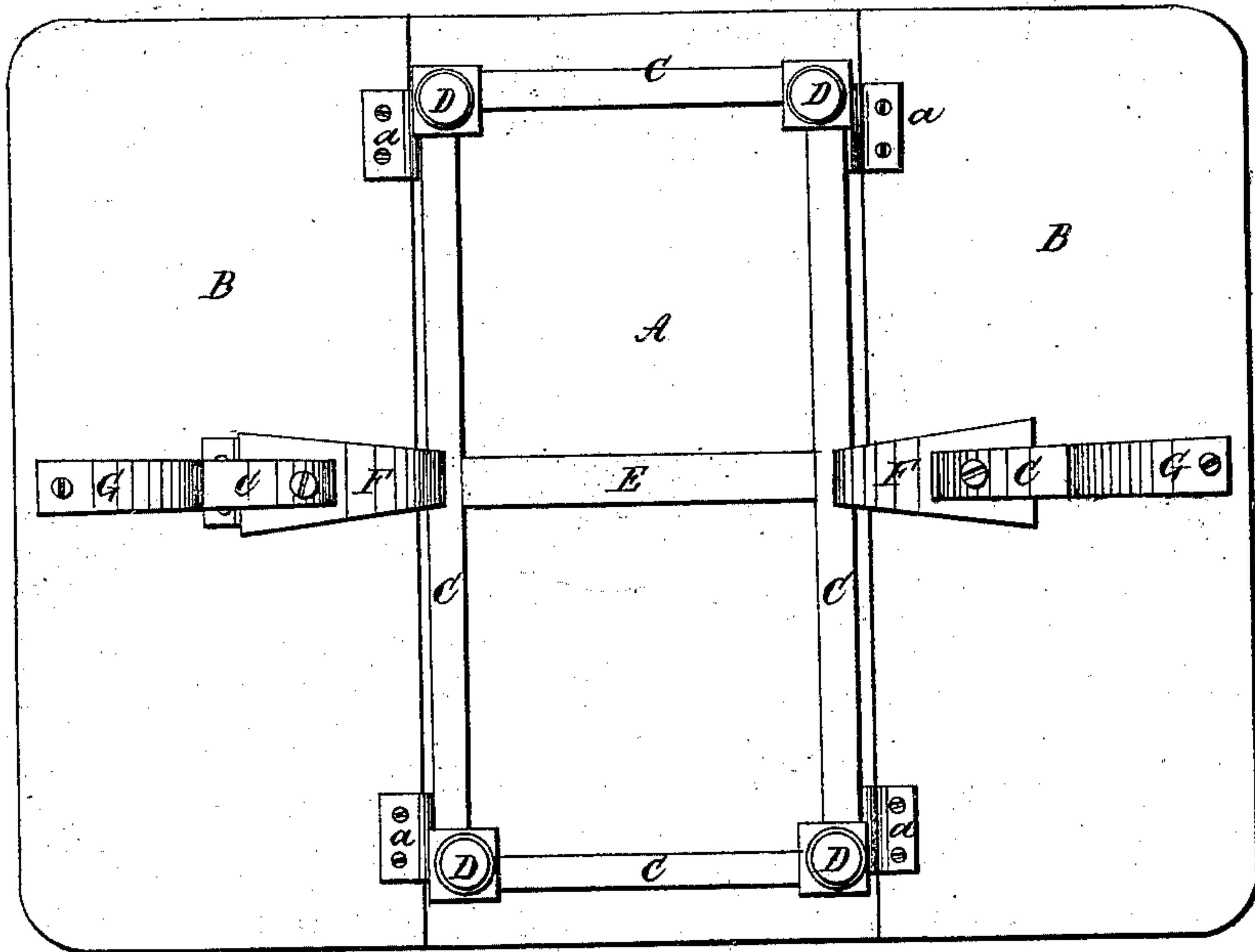
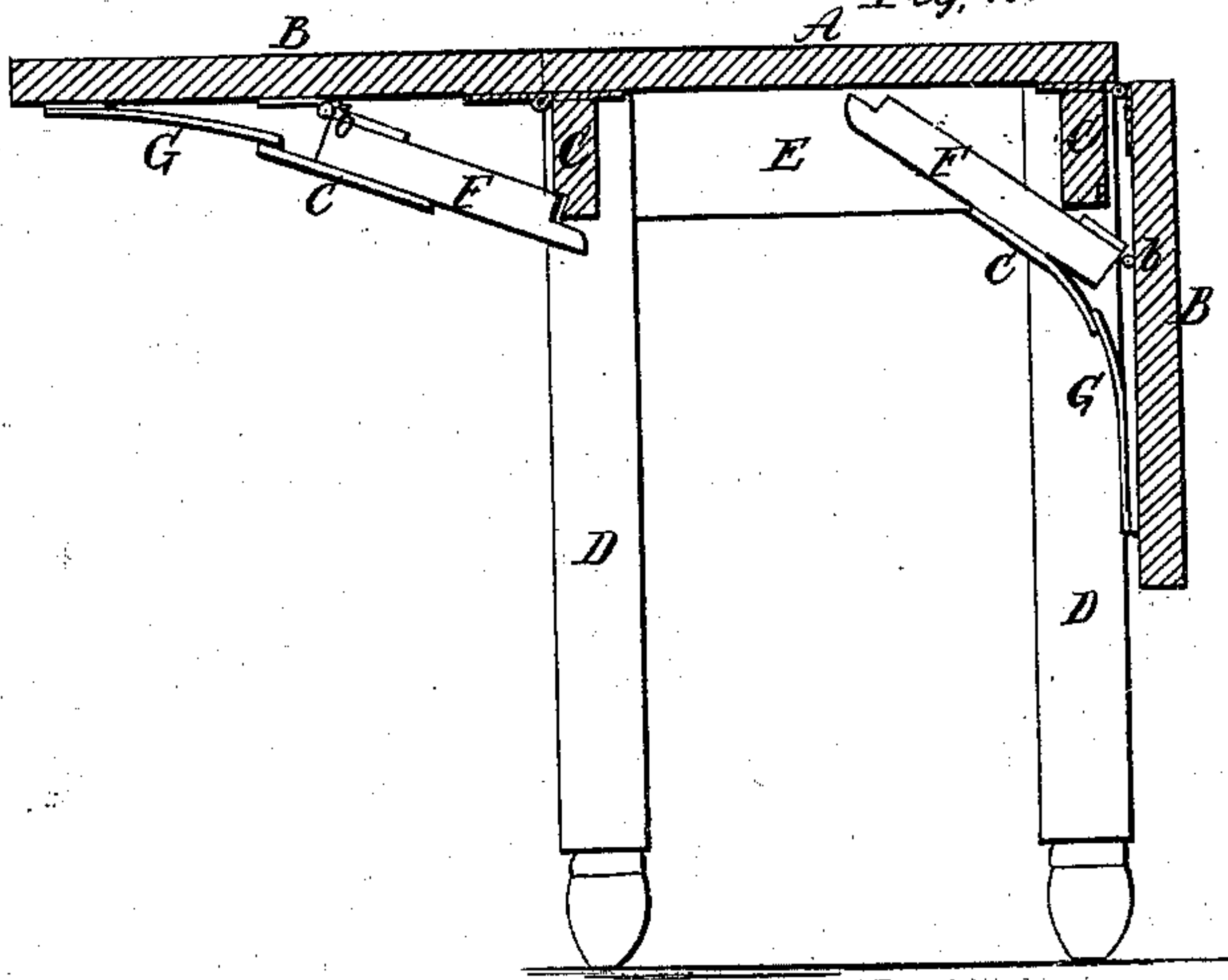


Fig. 2.



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GEORGE FYFE, OF OTTAWA, ILLINOIS.

IMPROVED TABLE-LEAF SUPPORT.

Specification forming part of Letters Patent No. 55,846, dated June 26, 1866.

To all whom it may concern:

Be it known that I, GEORGE FYFE, of the city of Ottawa, in the county of La Salle and State of Illinois, have invented a new and useful Improvement in Tables; and I do hereby declare and make known that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and the letters and figures marked thereon, which form part of this specification.

My said invention relates to the device for holding the leaves of a table up in a horizontal position when in use; and it consists in a novel arrangement whereby the supporting device adjusts itself automatically upon raising the leaf, and which holds the leaf securely when turned down, thereby preventing the swinging and rattling thereof when the table is carried about or moved from one part of the room to another.

To enable those skilled in the art to understand how to construct and use my said invention, I will proceed to describe the same with particularity, making reference in so doing to the aforesaid drawings, in which—

Figure 1 is a view of the under side of a table with my invention applied and the leaves spread; and Fig. 2 is a side view of my invention, the table being in section.

Similar letters of reference in the different figures denote the same parts of my invention.

A represents the central or stationary part of the table, to which the leaves B B are attached by hinges *a* in the usual manner.

C represents the frame upon which the said part A rests, being supported upon the legs D, as shown.

F represents the arms which support the table-leaves, one end being hinged to the leaves at about the middle thereof, as shown at *b*, and the other end being provided with a shoulder which enters suitable slots or recesses in the frame C, as shown. Upon the said arms F are attached the plates *c c*, which project back of the ends of said arms, which are hinged to the said leaves at *b*.

G represents a spring, one end of which is secured to the table-leaves and the other end rests upon the projecting end of the plate *c* upon the arm F, as shown.

By this arrangement the arm F becomes a lever having its fulcrum at *b*, while the elastic force of the spring operates to press the lower end or shoulder of the said arm F into the recess before mentioned in the frame C.

When the leaf is turned down, as shown upon one side in Fig. 2, the pressure of the spring G holds the arm F firmly against the frame C, and thereby prevents the leaf from swinging and striking upon the legs D when being moved about, as aforesaid.

As the leaf is raised up the said arm is pressed against the frame, and is gradually slid around beneath it until, when raised to the proper position, as shown upon the opposite side in Fig. 1, the shoulder upon the end of said arm snaps into its aforesaid appropriate recess in the frame, and is there securely held in place, sustaining the leaf as desired.

When the leaf is to be turned down the spring G is pressed up beneath the leaf sufficient to allow the end of the arm to drop out from the aforesaid recess or catch, when it moves down to the position desired.

E represents a cross-brace between the sides of the frame C, as shown, to strengthen the same and counteract the pressure of the aforesaid springs and the weight of the leaves when set.

Having described the construction and operation of my invention, I will now specify what I claim and desire to secure by Letters Patent:

In combination with the leaf of a table, the hinged arm F and the frame C, the peculiar arrangement of the spring G, operating upon said arm F, as and for the purposes specified.

GEORGE FYFE.

Witnesses:

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