

D. Bull,

Table-Leaf Support,

N^o 51,647,

Patented Dec. 19, 1865.

Fig. 1.

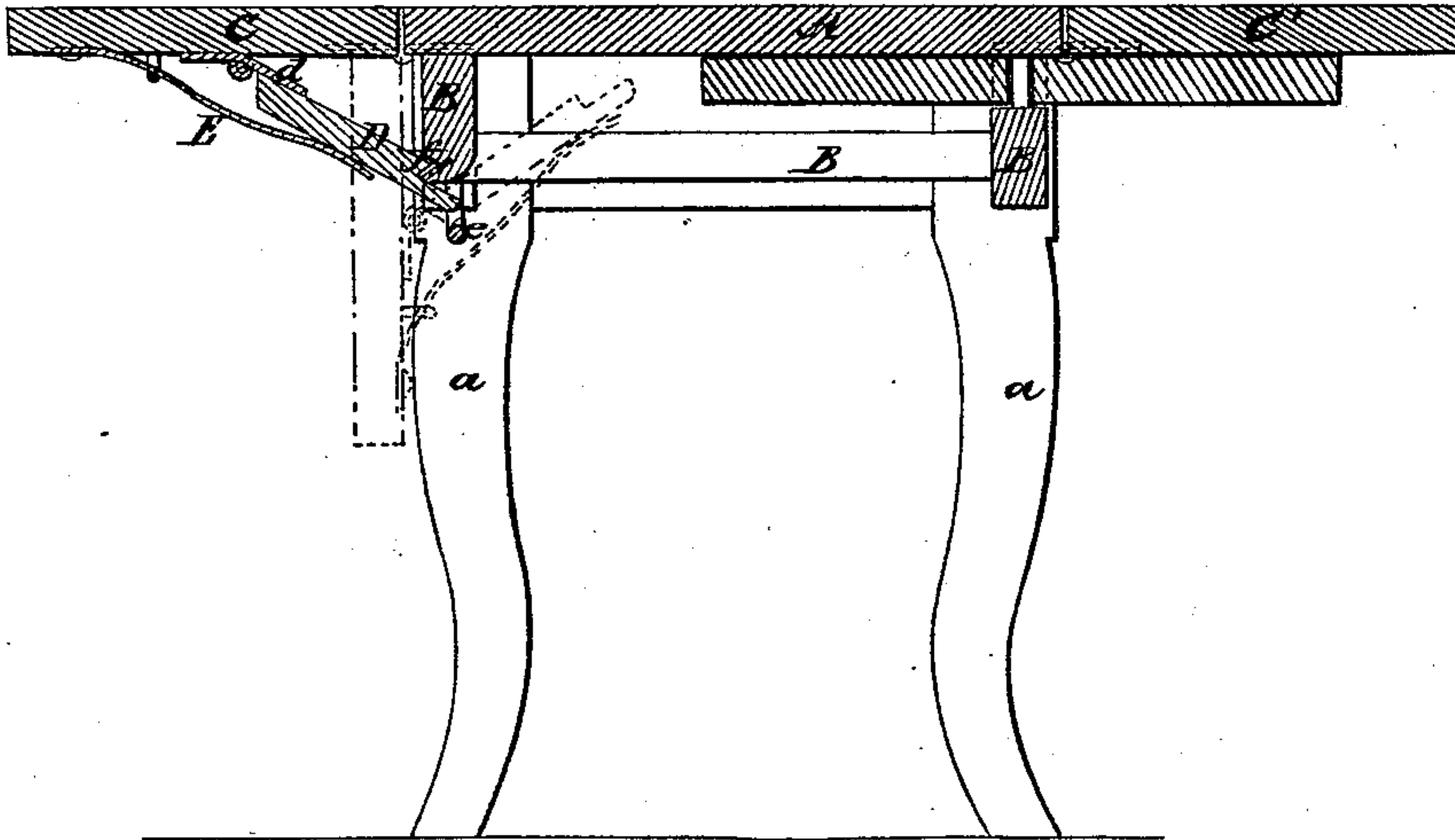
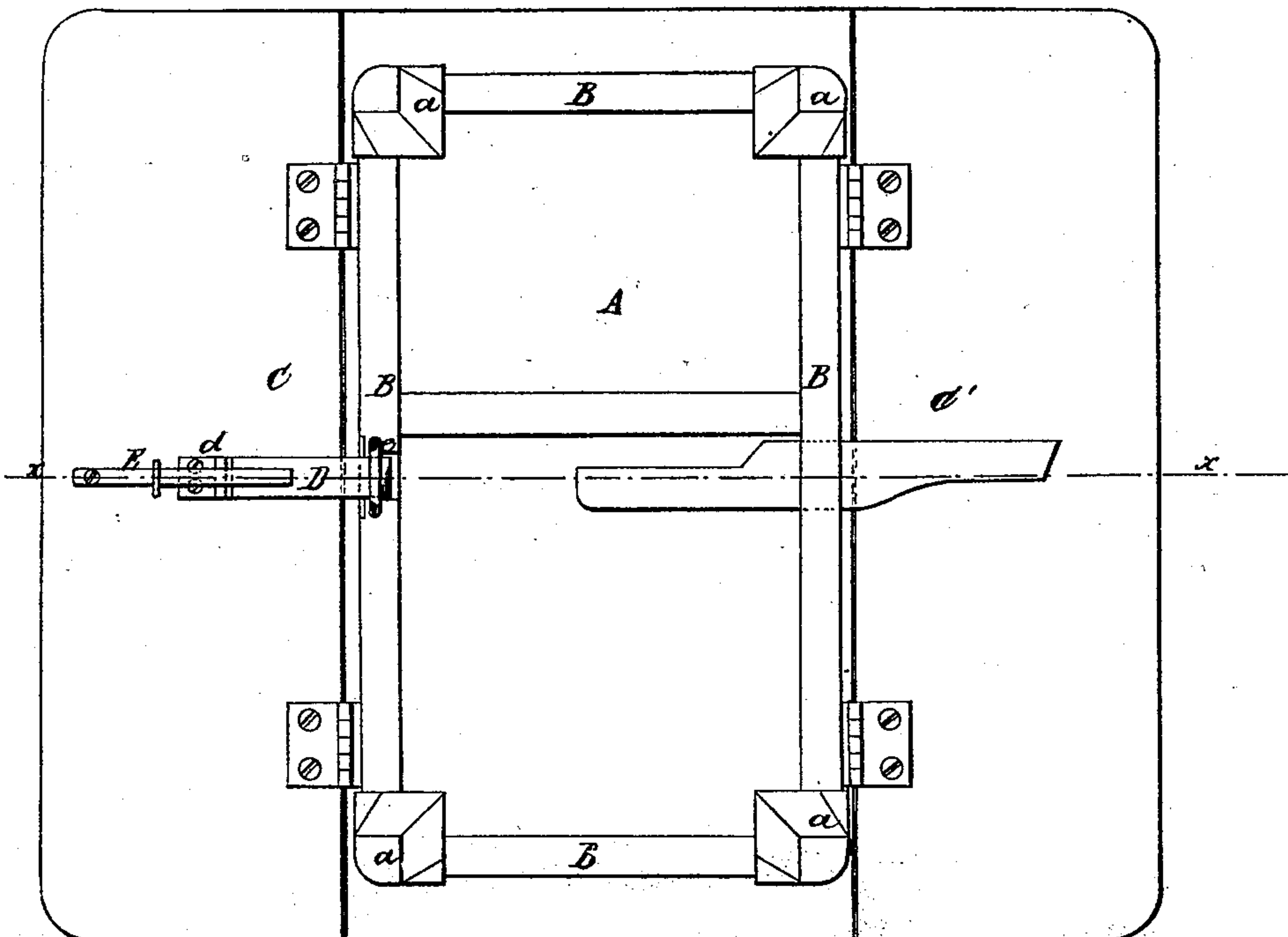


Fig. 2.



*Witnesses,
Geo. Busch
Wm. Drown*

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UNITED STATES PATENT OFFICE.

DANIEL BULL, OF AMBOY, ILLINOIS, ASSIGNOR TO HIMSELF AND JOHN B. EDOMS, OF SAME PLACE.

TABLE-LEAF SUPPORT.

Specification forming part of Letters Patent No. 51,647, dated December 19, 1865.

To all whom it may concern:

Be it known that I, DANIEL BULL, of Amboy, in the county of Lee and State of Illinois, have invented a new and useful Improvement in Tables; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a vertical section of a table having my improvement applied to it, taken in the plane of the line *xx*, Fig. 2. Fig. 2 is a bottom view of the same.

Similar letters of reference indicate like parts.

The object of my invention is to provide a means for keeping extended the leaves of tables, &c., in a better, firmer, and more quickly adjustable manner than heretofore; and my invention consists in the employment of an arm hinged to the table-leaf and arranged to bear against the frame of the table, underneath the top of the same, which will brace up the leaf when properly adjusted, and which can be released in a moment in order to lower the leaf, and be concealed when the leaf is down.

To enable others to understand my invention, I will proceed to describe it.

A represents the top of a table, and B the frame connecting the legs *a a*.

C C' are the leaves of the table, which are hinged to the top A in the ordinary way. The leaf C shows my invention applied to it, and the leaf C' is shown as sustained or held up by a fly, *b*, in the usual way.

D is an arm, which is hinged to the leaf C by ordinary hinges, *d*, or it may be connected therewith in any suitable way that will permit it to have a swinging motion. This arm

is fitted to slide through a staple, *e*, on the bottom of the side rail of the frame, or, instead of this, it may work through a suitable slot cut transversely through the said side rail of the table-frame. It has a shoulder, *f*, formed in its loose end, which, when the leaf is raised, bears against the side rail of the table-frame in such manner as to prevent any slipping therefrom; and to provide for the effects of wear in light wood tables, I secure metallic plates where the parts come in contact.

E is a spring, which has one end secured to the leaf of the table and the other so that it will bear against the arm D, for the purpose of throwing its shoulder upon the catch on the side rail of the table, and keeping it there while the leaf is raised.

The position of the parts when the leaf is raised is shown clearly in Fig. 1.

To release the leaf, it is merely necessary to ease the weight of the leaf somewhat and then draw upon the arm D with one hand, and the leaf will swing down, causing the arm and spring to slide up underneath the body of the table, as shown in red outline in Fig. 1.

My invention provides a means for holding up the leaves of tables in a very rigid manner, so that there will not be that shackling which is consequent, in most cases, in the use of the ordinary fly.

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

The herein-described arrangement of the hinged bracket D, spring E, loop *e*, and catch *f*, all constructed as and for the purposes specified.

DANIEL BULL.

Witnesses:

J. M. SANGER,
N. F. BOOTH.