

DeL. T. CLEMONS.
Table-Leaf Support.

No. 227,732.

Patented May 18, 1880.

Fig. 1.

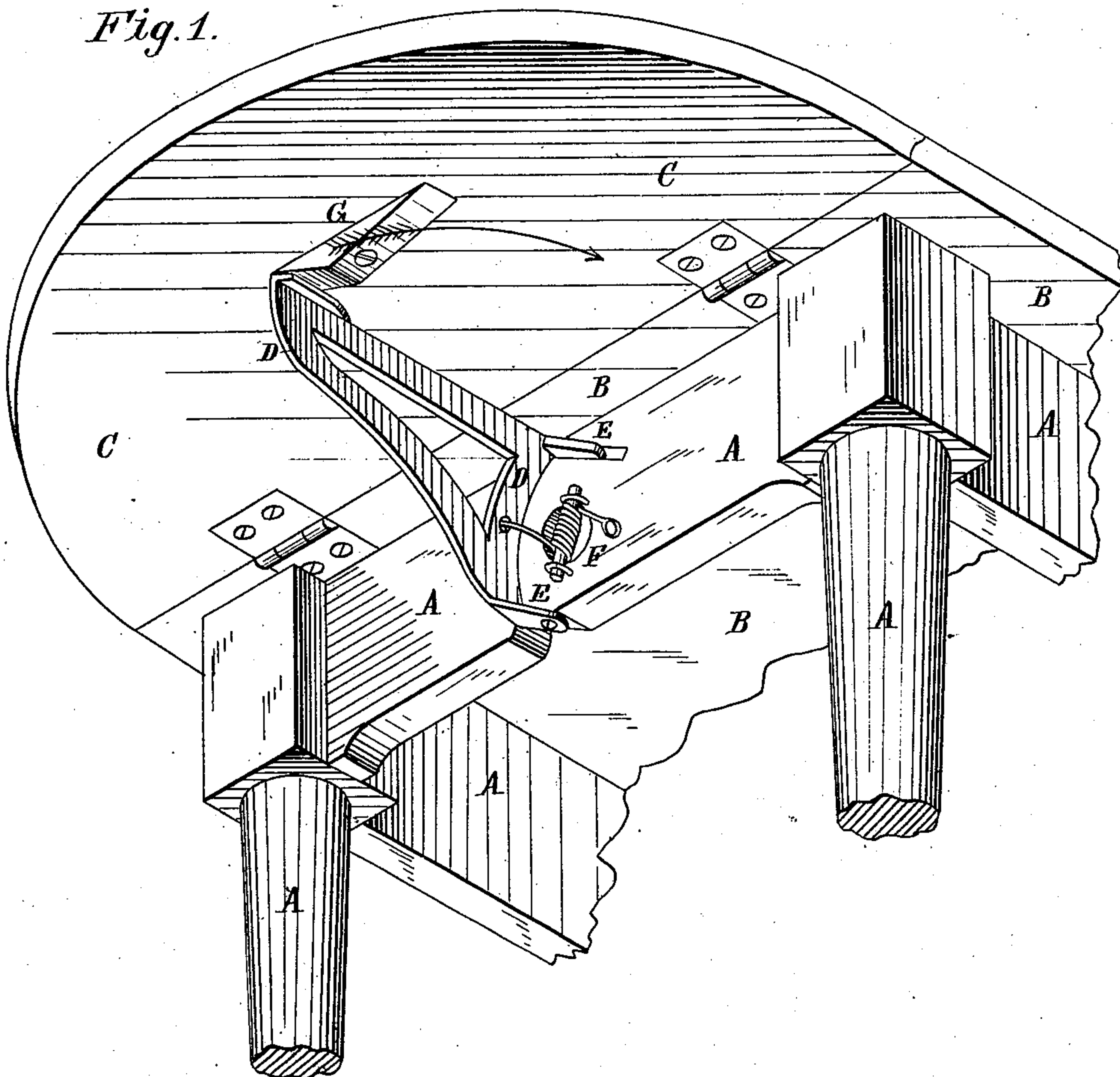
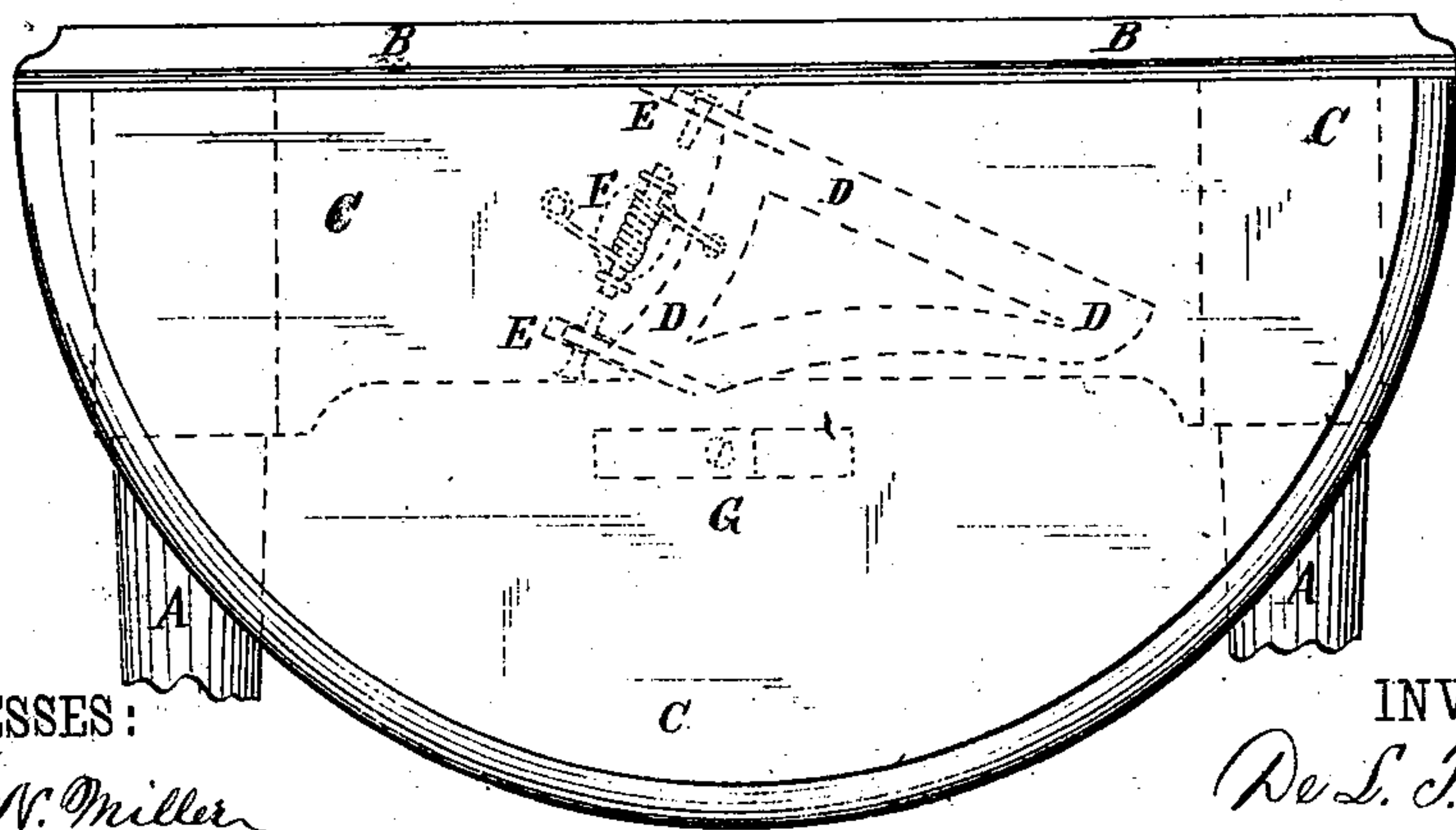


Fig. 2.



WITNESSES:

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BY

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

DE LASKI T. CLEMONS, OF HORNELLSVILLE, NEW YORK, ASSIGNOR TO
HIMSELF AND JOHN M. DEUTSCH, OF SAME PLACE.

TABLE-LEAF SUPPORT.

SPECIFICATION forming part of Letters Patent No. 227,732, dated May 18, 1880.

Application filed January 31, 1880.

To all whom it may concern:

Be it known that I, DE LASKI THOMAS CLEMONS, of Hornellsville, Steuben county, State of New York, have invented a new and
5 useful Improvement in Table-Leaf Supports, of which the following is a specification.

Figure 1 is a perspective view of my improvement, and Fig. 2 is an end elevation.

Similar letters of reference indicate corre-
10 sponding parts.

The object of this invention is to furnish table-leaf supports so constructed that they will adjust themselves in position when the leaf is raised, and by being slightly moved
15 will allow the leaf to drop, the support being pushed out of the way by the weight of the leaf.

The invention consists in the combination of the bracket having laterally-projecting piv-
20 otting lugs or hinges, and arranged in an inclined position, the spring, and the double inclined stop-block, with the frame and leaf of a table, as will be hereinafter fully described.

A represents the frame, B the top, and C
25 the leaf, of a table, all of which parts are constructed in the usual manner.

D is the support or bracket, upon the upper and lower corners of the inner end of which are formed, or to it are attached, lugs E, or
30 other hinges. The lugs or hinges E project to one side, and are hinged to the end bar of the frame A in such positions that the support D will be inclined or diagonal, as shown in full lines in Fig. 1 and in dotted lines in Fig. 2.

The support D is so arranged that when it
35 is extended its upper edge may rest against the lower side of the leaf C, as shown in Fig. 1.

F is a coiled spring, one end of which is attached to the support or bracket D. The

spring F is so arranged that its tension will
40 swing the support D outward as soon as the leaf C is raised.

To the under side of the leaf C is attached a double-inclined block, G, to hold the sup-
45 port in place when extended, as shown in Fig. 1.

With this construction, when the leaf C is
45 raised the tension of the spring F will force the support D to follow it and be in position to support the leaf C when raised in place.

To lower the leaf C the outer end of the
50 support D is pushed past the angle of the stop-block G and the weight of the leaf C will then push the support D inward against the end bar of the frame A, the spring F causing
55 the leaf to move down to its place gently.

Should the frame A become sprung or
warped and cause the support and leaf to sag, the sag can easily be taken up by unscrewing
60 the double-inclined stop-block G and placing it farther to the left.

Having thus described my invention, I claim
as new and desire to secure by Letters Pat-
ent—

In a table-leaf support, the combination,
65 with the frame A and leaf C, of the bracket D, having laterally-projecting pivoting lugs or hinges E, and arranged in an inclined position, the spring F, and the double-inclined stop-block G, substantially as herein shown
70 and described, whereby the bracket is made to swing outward when the leaf is raised, and will be pushed inward when its outer end has been moved past the angle of the stop-block by the weight of the leaf, as set forth.

DE LASKI THOMAS CLEMONS.

Witnesses:

C. H. YOUNG,

J. S. McMASTER.