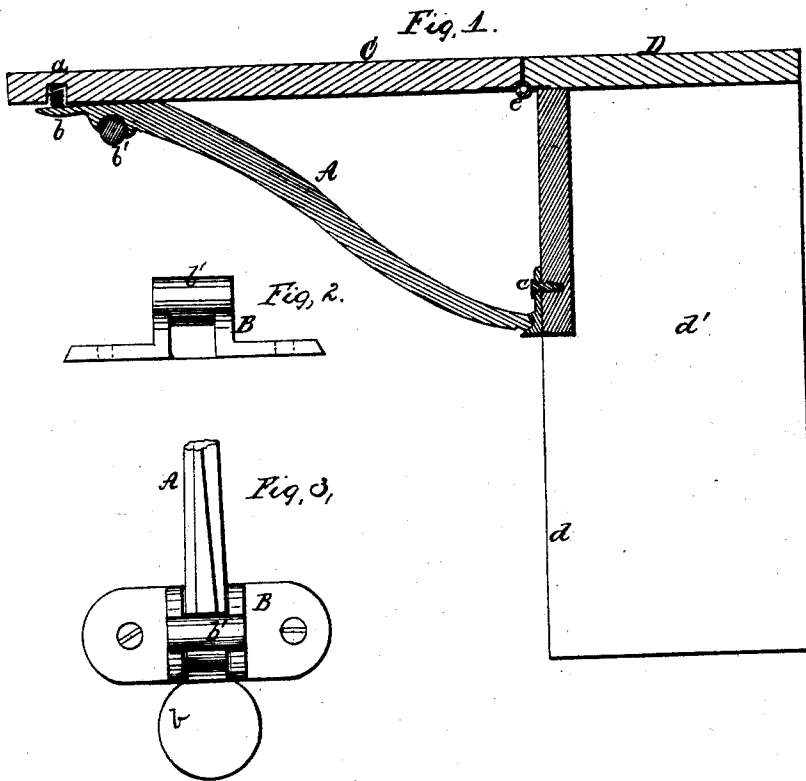


S. Walker,

Table-Leaf Support.

N^o 27,026.

Patented Jan. 3, 1860.



*Witnesses,
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UNITED STATES PATENT OFFICE.

SYLVENUS WALKER, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO W. P. SPENCE AND
J. F. ADAMS, OF SAME PLACE.

TABLE-LEAF SUPPORT.

Specification of Letters Patent No. 27,026, dated January 31, 1860.

To all whom it may concern:

Be it known that I, SYLVENUS WALKER, of the city of Boston, county of Suffolk, and State of Massachusetts, have invented a new and useful Improvement in Table-Leaf Supports, or Braces; and I hereby declare that the following is a full and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a sectional elevation of one end of a table and leaf through the middle of the brace. Fig. 2 represents a detached bracket. Fig. 3 represents the joint formed by the combination of the brace and bracket as seen from below.

The same letters and figures represent the same parts in all the figures and drawings.

Let D represent the table top, C the leaf, A the brace or support, B the bracket.

(a) is a spiral spring used to keep in place the lower end of brace A when locked by leaning against the thumb piece or short arm (b) of the brace.

(c) is a metallic catch to sustain the brace while the leaf is held in the horizontal position.

The nature of the invention consists in the construction of the hinge joint formed by the union of the bracket and brace as herein-after described.

There is a peculiarity in the joint which I will proceed to describe. The joint is formed by the locking together of the bracket B, and the upper portion of brace, A, as seen in Fig. 3. The sectional view

shown in Fig. 1, exhibits the working parts of this point, in which brace A forms a cylindrical concave partly embracing or clasp- ing the cylindrical part of the bracket B, that is (b'); while the under portion of the leaf together with the spring (a) control and limit the extent of the movement of the lever to locking and unlocking the same from the catch (c). The space represented by (d') receives the lower end of the brace A when the leaf is dropped.

Letter (e) represents the hinge; (b) the thumb piece of the brace, may be pressed up against the bottom of the leaf by means of the thumb and finger and this movement will detach the lower end of the brace from its catch (c) and allow the leaf to fall into a vertical position. This movement being all that is required of the joint it only remains to remark further of this joint, that it is held in place by the bracket B screwed against the table leaf. The projecting part (b') of the bracket performs the functions at once of a bracket and a hinge pin on which the concave surface of A turns, the two being locked together only by their position with regard to the under side of the table leaf.

I claim as my invention—

The joint formed by the brace A combined with bracket B, and spring (a) as set forth herein, and for the purpose specified.

SYLVENUS WALKER.

Witnesses:

JOHN COLTON,
JOHN J. PRESCOTT.