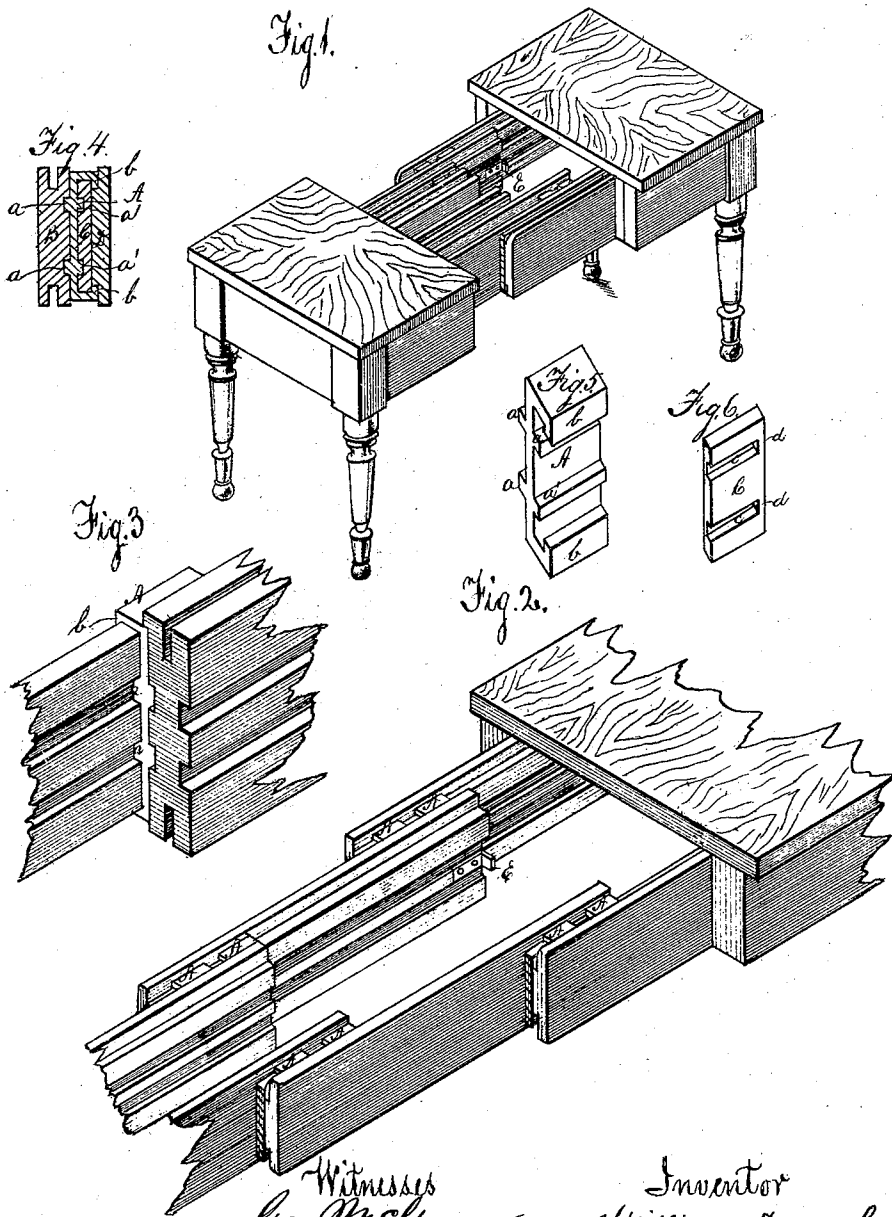


W. Donoghue,

Extension Table.

No. 106340.

Patented Aug. 16. 1870.



Witnesses  
Geo. M. Cowan  
Michael A. Pinyon

Inventor  
William Donoghue  
by his Atty Francis D. Pastmear

# United States Patent Office.

WILLIAM DONOGHUE, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 106,340, dated August 16, 1870.

## IMPROVED EXTENSION-TABLE SLIDE.

The Schedule referred to in these Letters Patent and making part of the same.

### To all whom it may concern:

Be it known that I, WILLIAM DONOGHUE, of the city and county of Philadelphia, and State of Pennsylvania, have invented an Improvement in Extension Tables; and I do hereby declare that the following is a full, clear, and exact description, reference being had to the accompanying drawing and to the letters of reference marked thereon.

My invention consists in the use and application of metal guides or stops to open and close the runners of an extension table, to increase their durability and strengthen them.

On reference to the accompanying drawing making part of this specification—

Figure 1 is a perspective view of the table extended;

Figure 2 is an enlarged view of one end of the table;

Figure 3 shows a perspective of the runners and brasses or guides;

Figure 4 is a sectional end view of the guides and runners; and

Figures 5 and 6 are perspective views of the guides. Similar letters refer to similar parts in the several views.

Heretofore stops, consisting of dowels or round pins, have been used in connection with guides for the purpose of extending the table, but they are defective by reason of cutting too much of the material of the runners and want the essential element of strength.

My improvement consists of metal guides or stops on the runners.

The guide A has tenons, *a a*, on its back, which take into corresponding mortises in the runner B, fig. 4; its inner surface also has tenons, *a' a'*, which take into corresponding mortises in the plate C, which is fixed to the opposite runner D; the upper and lower ends of the guide A span the ends of the plate C; the depending ends *b* take into grooves formed top and bottom of the runner D, and thereby prevent the runners from separating or spreading, and, consequently, stiffens them.

It will be noticed, fig. 6, that the mortises *c* in the plate C do not extend the entire length of it, but are stopped off at a suitable distance to form butting pieces, *d*, for the ends of the tenons *a'* of the guide A; when it is being opened its tenons butt against the stops *d*, and prevent the further extension of the runner B without also extending the contiguous runner D.

An angular butting piece, E, is employed for closing the runners.

What I claim as my improvement is—

The guide A, provided with tenons *a a* and *a' a'*, and ends *b b*, and the plate C, when constructed as shown and described, in combination with the runners B and D of an extension table.

In testimony whereof I hereunto sign my name to this specification in presence of two subscribing witnesses.

WILLIAM DONOGHUE.

Witnesses:

FRANCIS D. PASTORIUS,  
JOHN YILLE.