

H. IMHOF.  
Table Leaf-Supports.

No. 137,925.

Patented April 15, 1873.

Fig. 1.

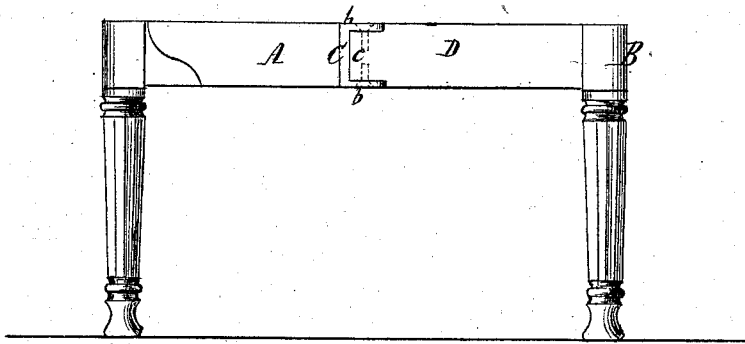


Fig. 2.

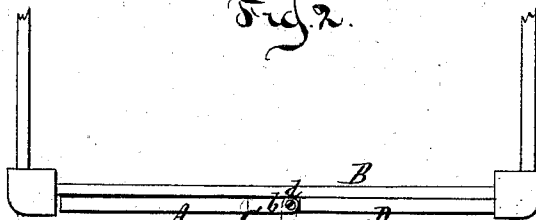


Fig. 4.



Fig. 3.



Witnesses.

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# UNITED STATES PATENT OFFICE.

HENRY IMHOF, OF LOCKPORT, NEW YORK.

## IMPROVEMENT IN TABLE-LEAF SUPPORTS.

Specification forming part of Letters Patent No. **137,925**, dated April 15, 1873; application filed November 29, 1872.

### *To all whom it may concern:*

Be it known that I, HENRY IMHOF, of Lockport, in the county of Niagara and State of New York, have invented a new and Improved Table-Leaf Support; and I do hereby declare the following to be a full, clear, and exact description thereof which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 represents a side view of my invention. Fig. 2 is a plan or top view of the same. Fig. 3 is a longitudinal vertical section of the hinge-joint. Fig. 4 is a horizontal section of the same in the plane *x x*, Fig. 3.

Similar letters indicate corresponding parts.

This invention relates to the construction of the hinge-joint which unites the fly with the frame of the table, said joint being composed of a U-shaped yoke which is secured with its central part to the end of the fly, while its arms straddle a projection formed on a board attached to the frame of the table, being connected thereto by a pivot or pivots in such a manner that a firm and durable connection between the fly and the frame of the table is obtained, and that the joint can be readily kept free from impurities.

In the drawing, the letter A designates my fly, which is made of wood equal in width to the width of one of the sides of the frame B of the table to which said fly is to be attached. To one end of my fly is secured a U-shaped yoke, C, which is by preference cast of iron, brass, or any other suitable material, and which is rigidly fastened to the fly by means of screws *a*, best seen in Fig. 3 of the drawing, said screws being made to pass through the central portion of the yoke. The arms *b b* of the yoke C straddle a projection, *c*, which is formed on the end of a board, D. This board is equal in width and in thickness to the fly, and it

is permanently fastened to the frame of the table, its end being cut down to form the projection *c*. The connection between the arms *b* and the projection *c* is effected by pivots *d d*, which may be made in the form of wood screws, as shown, or, if desired, a single pivot may be made to pass through both arms and through the projection. The edge or end of the projection is rounded off to form the segment of a circle described from the center of one of the pivots *d*, and it fits into a cavity formed in the inner edge of the central part of the yoke C, (see Fig. 4,) so that when the fly is turned on its pivots the end of the projection *c* will work nicely in the cavity of the central part of the yoke. By these means a neat and durable joint is produced between the fly and the frame of the table, and the fly is not liable to break off or to work loose; and, furthermore, if it is desired to clean the table the fly can be readily taken off and all impurities which may work themselves into the joint can be easily removed.

I do not claim forming the end of the fly with tenons which fit into the mortises formed in the end of an independent board, the two being pivoted together by a pin passing vertically down through the same, as such are old and well known; but

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

In a table-leaf support the yoke C formed with the arms *b b* and curved seat, and with pin or screw openings at right angles to each other, as set forth, in combination with the fly A and the board D, having the projection *c*, all constructed as herein shown and described.

HENRY IMHOF.

Witnesses:

JOHN WM. GATES,  
W. W. HARRINGTON.