

J. WANNER.  
TABLE-LEAF SUPPORT.

No. 169,388.

Patented Nov. 2, 1875.

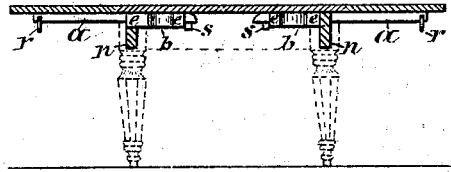


FIG. 1.

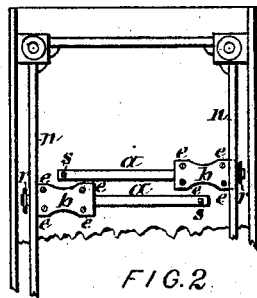


FIG. 2.

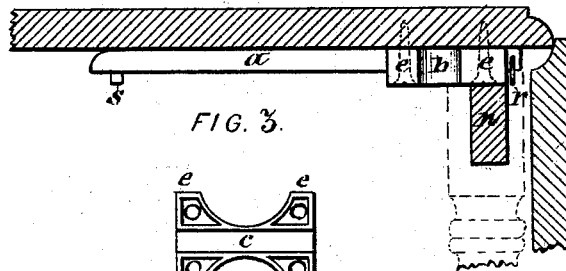


FIG. 3.

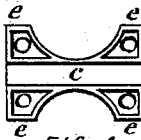


FIG. 4.

WITNESSES

INVENTOR

*C. Holmstruy, Jr.*  
*E. Laass*

*Joseph Wanner*  
*for E. Laass Atty.*

# UNITED STATES PATENT OFFICE.

JOSEPH WANNER, OF SYRACUSE, NEW YORK, ASSIGNOR OF ONE-THIRD HIS RIGHT TO ERNST HURST, OF SAME PLACE.

## IMPROVEMENT IN TABLE-LEAF SUPPORTS.

Specification forming part of Letters Patent No. **169,388**, dated November 2, 1875; application filed July 21, 1875.

To all whom it may concern:

Be it known that I, JOSEPH WANNER, of the city of Syracuse, in the county of Onondaga, in the State of New York, have invented a new and useful Improvement in Table-Leaf Supports, of which the following, taken in connection with the accompanying drawing, is a full, clear, and exact description.

Sliding shelves and sliding bars have been used for the support of drop-leaves in tables and other furniture where the frame or body of same had ample depth of material to admit of applying them, and could therefore be made of wood; but in the ordinary drop-leaf table it has been found difficult to apply sliding bars on account of the slender frame of the former.

The object of my invention is to apply sliding bars to ordinary drop-leaf tables without materially impairing the strength of the table, and which shall be simple, strong, durable, easily managed, and not liable to be swelled by moisture; and it consists in a metallic box provided with a straight groove on top, in which a metallic bar slides, said box being fastened to the under side of the table by screws through flanges or enlargements on the sides of the box, and fitted into a recess in the side rail of the table, whereby it receives additional support, and in a straight metallic bar, fitting the groove in the box aforesaid, and provided with a stop or check at the inner end, to prevent its being drawn entirely out of the box, and a loose ring at the outer end as a handle, which will drop out of the way of the leaf when down, all constructed and applied as hereinafter more fully described.

In the accompanying drawing, Figure 1 is a cross-section of a table showing my improvement in position for supporting the leaves; Fig. 2, a view of the under side of a table, showing the supporting-bars in position when the leaves are down; and Fig. 3, an enlarged view of my improvement, showing more fully the manner of attaching the same to the table; and Fig. 4, an enlarged top view of the box.

*a* is the straight metallic bar, provided at the inner end, on the under side, with a spur or projection, *s*, which acts as a stop in drawing out the bar, and with a ring, *r*, at the outer

end, as a handle, which is loose thereon, and does not interfere with the leaf when down. *b* is the metallic box, having a straight groove, *c*, in which the bar *a* slides, and is of a depth to bring the top of the bar flush with the upper surface of the box. It is attached to the under side of the table-top by screws passing through enlargements *e e* on its sides, and receives additional support by the side rail *n* of the table, which it penetrates to bring the outer end flush with the outer edge of said rail, whereby it is brought as near as possible to the drop-leaf, and obtains greater purchase.

By substituting metal for wood I obtain a strong and durable support, which is not affected by moisture, like wood, and am enabled to greatly reduce its size, and, with it the cutting in the side rail, which, in drop-leaf tables, is generally small, and retain more stiffness to the table, and obtain more opportunity for securing the top to the frame. The construction of the box, with its open groove on top, renders it easily molded and cast, and being secured to the top by screws, as described, the bar *a* is kept at all times bearing against the same, even should the top warp and spring loose from the side rail.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The metallic box *b*, provided with straight groove *c* in its top, and enlargements *e e* on its sides, attached to the under side of the table by screws through said enlargements, and fitted into a recess in the side rail *n*, and the straight metallic bar *a*, provided with spur *s* at the inner end, and ring *r* at the outer end, and fitted to slide in groove *c*, constructed and combined with a drop-leaf table, substantially in the manner described, for the purpose specified.

In testimony whereof I have signed my name and affixed my seal in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga and State of New York, this 16th day of July, 1875.

his  
JOSEPH X WANNER. [L. S.]  
mark.

Witnesses:

C. HOLMSTRUP, Jr.,  
E. LAASS,