

J. PLEUKHARP & S. M. SHILLING.

TABLE-LEAF SUPPORTS.

No. 178,668.

Patented June 13, 1876.

Fig. 1.

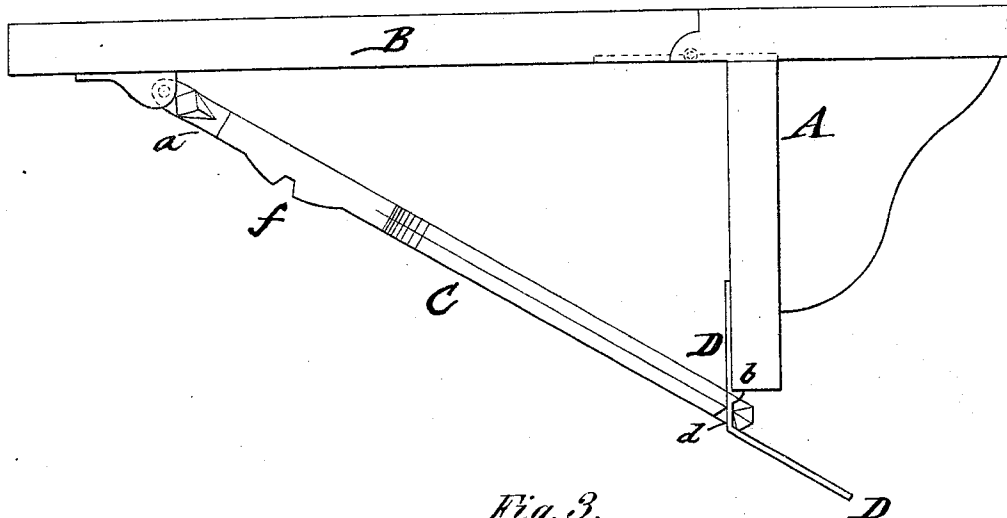


Fig. 3.

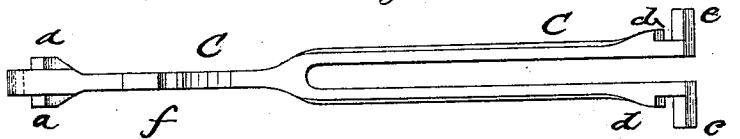


Fig. 2.

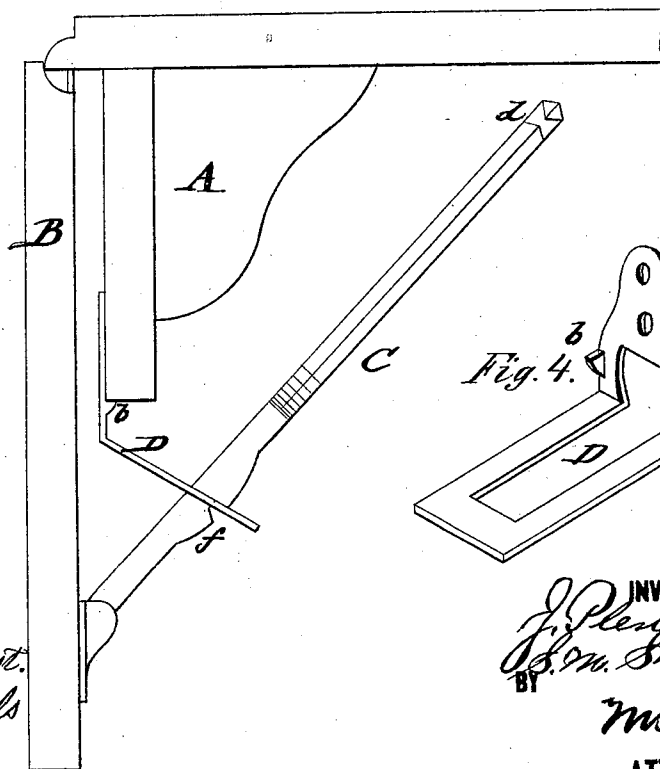
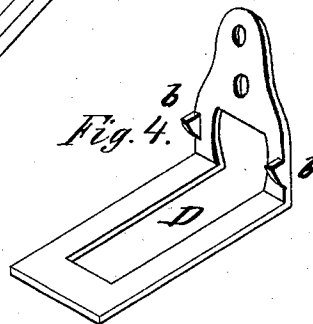


Fig. 4.



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JAMES PLEUKHARP AND SAMUEL M. SHILLING, OF COLUMBUS, OHIO.

IMPROVEMENT IN TABLE-LEAF SUPPORTS.

Specification forming part of Letters Patent No. **178,668**, dated June 13, 1876; application filed May 1, 1876.

To all whom it may concern:

Be it known that we, JAMES PLEUKHARP and SAMUEL M. SHILLING, of Columbus, in the county of Franklin, and in the State of Ohio, have invented a new and Improved Table-Leaf Support, of which the following is a specification:

In the accompanying drawing, Figures 1 and 2 represent side views of our improved table-leaf support, showing leaf in supported and folded positions. Fig. 3 is a detail plan view of the forked spring-brace, and Fig. 4 is a detail perspective view of the brace guiding hasp.

Similar letters of reference indicate corresponding parts.

Our invention relates to an improved table-leaf support that holds the leaf firmly in place, and raises it always to the same level without straining hinges, so as to render repairs necessary. When the leaf is folded it is also held in rigid positions.

The invention consists of a forked spring-arm with side notches, hinged to the leaf, and locking to a recessed guide-hasp attached to the table.

In the drawing, A represents a table with a hinged leaf, B, to which is hinged the swinging brace C. The lower end of the brace is forked and spring-acted, and slides in the recessed hasp D, whose lower part is downward inclined to guide the brace when the leaf is folded down. The steady motion of the brace is secured at the hinged end by side lugs *a*, that move along the round case of the hinge, and at the lower forked end by the recessed inclined part of the hasp. The hasp D is screwed to the table, and rigidly retained in position by projecting lugs or seats *b*, forming

stiffening brackets or shoulders for the hasp, as shown in Figs. 1 and 2. The spring ends of the brace C are provided with notches *d* at the outer sides, that bind on the part of the hasp below the seats *b*, as shown in Fig. 1, when the leaf is thrown up. End lugs *e* prevent the slipping out of the braces, and the swinging up of the leaf beyond the level of the table, so as to exercise no strain in the hinges, and keep the parts always in working order. The leaf is lowered by pressing the forked ends of the brace together so that the notches release the hasp, and admit the sliding of the brace in backward and upward directions in the guide-hasp. When the leaf is folded down a notch, *f*, locks into the lower part of the hasp, and holds thereby the leaf rigidly in position until released, as shown in Fig. 2. The brace forms a rigid, strong, and durable support for the table-leaf, being readily operated without liability to wearing out or breaking.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. The combination of a forked spring-brace hinged to a table-leaf with a recessed guide-hasp of the table-frame, substantially as and for the purpose specified.

2. The combination of the forked spring ends of the brace or support, provided with outer notches and lugs, with the recessed hasp, substantially as described.

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Witnesses:

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