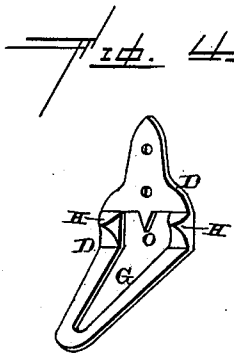
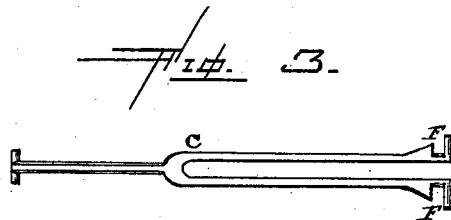
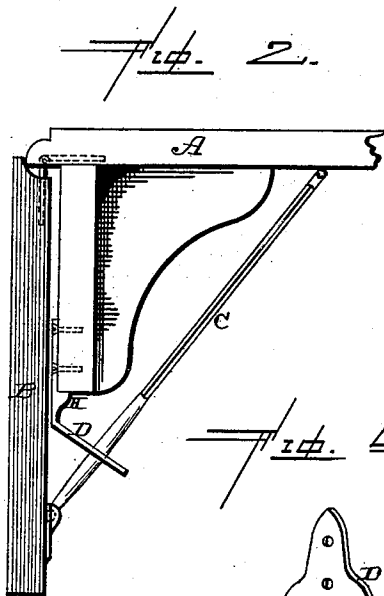
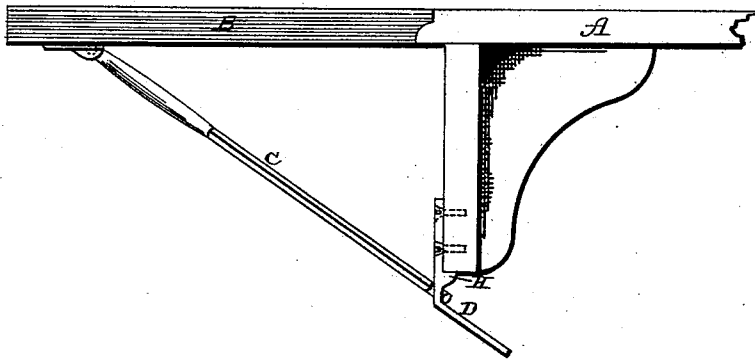


(No Model.)

J. PLEUKHARP.  
TABLE LEAF SUPPORT.

No. 340,519.

Patented Apr. 20, 1886.



-Witnesses-

*L. J. Gardner*  
*A. S. Pattison*

-Inventor-

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*per* *J. A. Lehmann,*  
*Atty.*

# UNITED STATES PATENT OFFICE.

JAMES PLEUKHARP, OF COLUMBUS, OHIO, ASSIGNOR TO JAS. PLEUKHARP  
& CO., OF SAME PLACE.

## TABLE-LEAF SUPPORT.

SPECIFICATION forming part of Letters Patent No. 340,519, dated April 20, 1886.

Application filed February 9, 1886. Serial No. 191,284. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES PLEUKHARP, of Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Table-Leaf Supports; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in table-leaf supports; and it consists in, first, the hasp provided with a spur or projection for catching between the ends of the swinging brace; second, a hasp having its lower end turned at an angle and provided with an inclined slot or opening, in combination with the swinging pronged brace, which passes through the opening, as will be more fully described hereinafter.

The object of my invention is to provide the hasp with a spur, so as to insure the loosening of both prongs of the spring-brace from the hasp, and to so shape the opening in the bent portion of the hasp that the brace is held firmly when the leaf is folded down, and is guided into position without any rattling or noise, and the spring-prongs are made to gradually close as the leaf is raised upward.

Figure 1 is a side elevation of a support embodying my invention, showing the leaf raised. Fig. 2 is a similar view showing the leaf closed. Figs. 3 and 4 are detached views of the spring-brace and the hasp.

A represents the table; B, the leaf; C, the spring-brace, and D the hasp. The spring-brace has its lower end divided into two spring-prongs, and each prong is provided with a notch or catch, F, at its lower end. The hasp is bent at or near its center, so that its lower end extends at an angle to the upper portion, and through this hasp is made the inclined slot G.

Upon one side of the upper portion of the hasp are formed the small braces H, which catch under the lower edge of the cross-piece of the table, and serve to help brace the hasp in position.

Projecting downward into the center of the top of the slot G is the triangular spur O, which catches between the two prongs of the brace C, and serves to insure the loosening of both

prongs of the spring when the pressure of the hand is applied to them. This spur catches in between the prongs of the brace, and acts as a stop to prevent either one of them from moving more than half-way inward when the pressure is applied to them, and in this way prevents one from being moved more than the other, and all liability of either one of them being broken. This spur also prevents the prongs from being forced near enough together to pinch the fingers in operating them, and enables the prongs to be operated much more easily and readily in loosening them from the hasp. The lower portion of the hasp is inclined laterally downward, in order to guide the prongs of the spring-brace when the leaf is folded down. The slot in this downwardly-inclined portion of the hasp is made V-shaped, as shown, to prevent rattling the brace, and to guide the motion of the brace when the leaf B is lifted upward. The brace slides up the inclined sides of the V-shaped slot until the spring ends of the brace C are brought to bear upon the side of the hasp, and then engage with the notches to hold the support firmly in position, as shown in Fig. 1. This shape of the slot prevents the brace from rattling in the hasp when the leaf is lowered, for the spring-prongs rest snugly in the bottom of the V-shaped recess.

This invention is intended as an improvement upon patent granted June 13, 1876, for table-leaf supports, in which a pronged spring-brace is used in connection with a holding device similar to what is here shown.

Having thus described my invention, I claim—

1. The combination of the forked spring-brace hinged to the table-leaf with a guiding-hasp provided with an opening, through which the brace passes, and the spur which catches between the prongs of the brace, substantially as shown.

2. The hasp having its lower end inclined downward at an angle and provided with a V-shaped slot or opening, in combination with the brace provided with spring-prongs, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES PLEUKHARP.

Witnesses:

J. R. BOWDLE,

H. BANCROFT.