E. G. PHILLIPS.
TABLE LEAF SUPPORT.

No. 484,723. Patented Oct. 18, 1892.

Fig. 1.

Fig. 2.

Inventor
Edwin G. Phillips,

By his Attorneys,

Witnesses

THE HOWE PETERS CO., ROCKPORT, MASSACHUSETTS, U. S. A.
To all whom it may concern:

Be it known that I, EDWIN G. PHILLIPS, a citizen of the United States, residing at Charleston, in the county of Charleston and State of South Carolina, have invented a new and useful Table-Leaf Support, of which the following is a specification.

This invention relates to tables, and more especially to the leaf-supports therefor; and the object of the same is to effect certain improvements in devices of this character.

To this end the invention consists in the specific construction hereinafter more fully described and claimed, and as illustrated on the accompanying sheet of drawings, wherein—

Figure 1 is a perspective view of this attachment complete with the wing raised. Fig. 2 is a cross-section of a table, showing the attachment applied thereto and supporting the leaf thereof, and showing in dotted lines how the wing is raised and the leaf is lowered.

Referring to the said drawings, the letter T designates a table-top, S is the side bar thereof, and L the leaf. The latter is adapted to be supported and locked in supported position by my improved attachment. (Best seen in Fig. 1.) This attachment is of cast-iron or other suitable material and of any preferred size and proportion of parts suitably ornamented, and its construction is as follows:

1 is an L-shaped casting, whose foot is at its upper end and is preferably braced by a small brace 2, and whose body has an outwardly-projecting perforated ear 3.

4 is an arm connected by a hinge 5 with the foot of the casting 1 and having a wing 6 hinged to its outer end. From this arm near its outer end depends a T-shaped projection 7, the head 8 of the T standing transverse to the length of the arm 4.

9 is a longitudinally-slotted brace, which is pivoted, as at 10, to the perforated ear, the slotted body sliding astride the projection 7 above the head 8, and said slot is closed at its outer end by a lip 11. In the lower edge of this brace adjacent said lip is a transverse notch 11, of a size to fit over the head 8, as seen in full lines in Fig. 2, and at this time the wing 6 hangs down over the lip 10 and prevents the outer end of the brace from rising, so as to disengage its notch 11 from the head 8.

The casting 1 is secured to the side bar of the table beneath its top and the leaf is secured to the arm 4, the hinge 5 of this attachment taking the place of the hinges that usually connect the leaf direct to the top.

When it is desired to lower the leaf from the position shown in full lines in Fig. 2, the wing 6 is first raised, as shown in dotted lines, after which the lip is lifted so that the notch 11 will disengage the head 8 of the projection 7, and then the entire leaf, arm, and brace will descend to the position shown in dotted lines. To raise the leaf, it is caught by its free edge and lifted around the hinge 5, the lower edge of the brace sliding upon the head 8 until the notch therein engages it, and at this time the lip will descend just enough to allow the wing to swing by gravity in above it, as seen in Fig. 2.

This device is very simple in construction and easy of operation, and yet it locks the brace against disengagement from the projection, but in such manner that the table-leaf does not have to be further raised to break this engagement, a simple lifting of the wing being all that is necessary. The wing cannot be thus lifted by the accidental striking against it of the knee of a person who may be sitting at the table.

What is claimed as new is—

A table-leaf support consisting of an L-shaped casting, an arm hinged at its inner end thereto and having near its outer end a downward projection with a transverse head, a brace pivotally connected to said casting and having a slotted body sliding astride said projection with a transverse notch in its lower edge near its outer end engaging said head, a lip at the outer end of the brace, and a wing hinged to the outer end of the arm and swinging above said lip when the notch engages the head.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

EDWIN G. PHILLIPS.

Witnesses:
P. J. WALLACE,
E. W. SMITH.