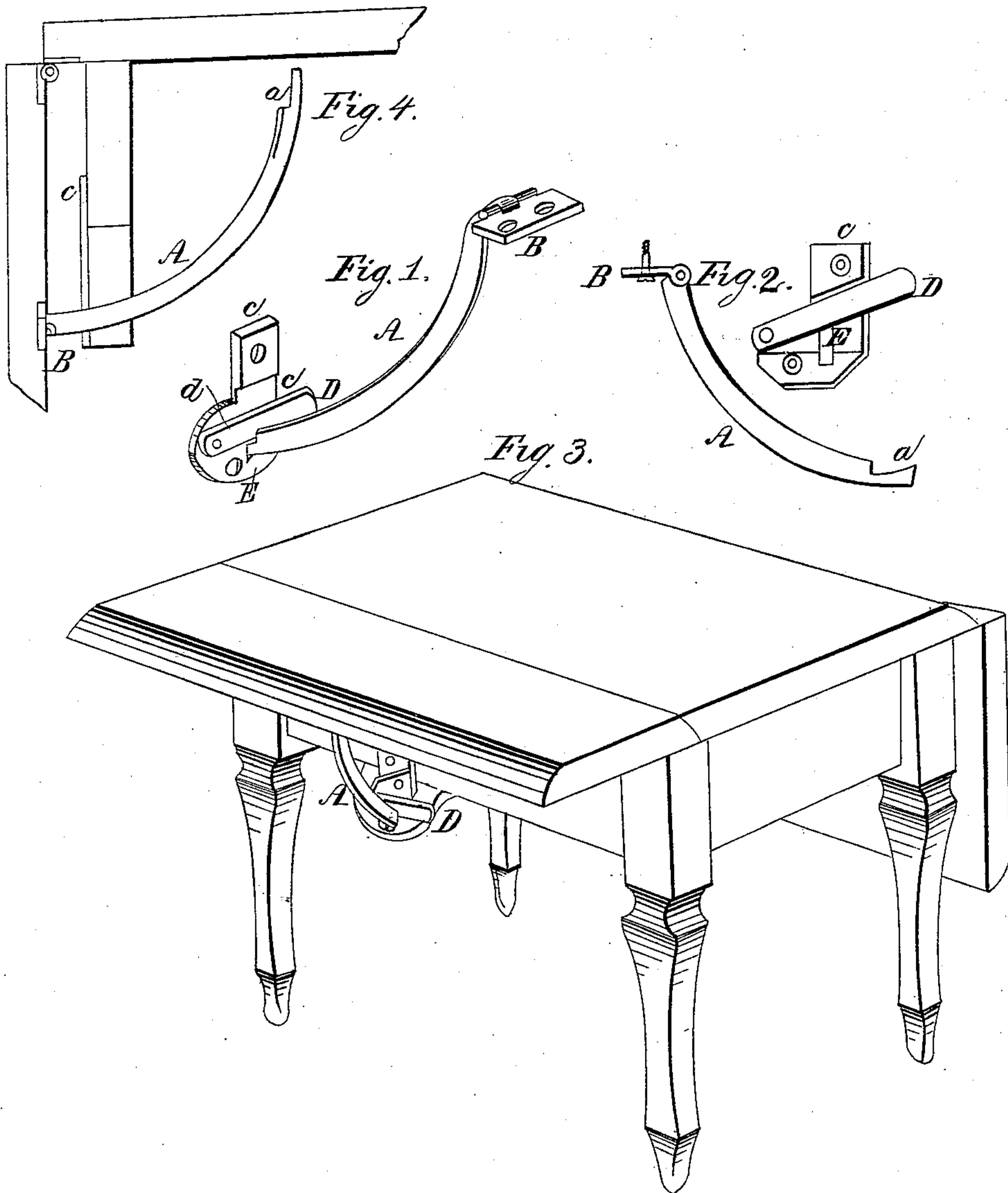


S. EHRMAN.
Table-Leaf Support.

No. 76,725.

Patented April 14, 1868.



Witnesses
Louis P. Brady
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United States Patent Office.

SAMUEL EHRLMAN, OF CHICAGO, ILLINOIS.

Letters Patent No. 76,725, dated April 14, 1868.

IMPROVED TABLE-LEAF SUPPORT.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, SAMUEL EHRLMAN, of Chicago, in the State of Illinois, have invented a new and improved Combination for Supporting Table-Leaves; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 shows the hinged circular sliding bar A, which is connected by the hinge B to the under side of the leaf of the table. This circular arm has a notch, *a*, at its free end, which passes through a slot, E, made in a plate, C, attached centrally to the frame of the table. Said plate C has a latch, D, affixed by a pivot, *d*, and locks into the notch *a* in the circular sliding bar A, and thus supports the leaf of the table.

Figure 2 shows the parts detached.

Figure 3 illustrates the application of the same to a table with the leaf up.

Figure 4, the same with the leaf down.

The nature of my invention consists in providing a central support for each table-leaf, that will lock mechanically, and hold the leaf up firmly, by simply raising the leaf up. This is accomplished by a drop-latch, as shown.

Any one skilled in the art will be enabled to make and use my invention by a simple inspection of the drawings and foregoing explanation of the figures.

I am aware that circular slide-bars are variously employed, but not provided with a hinge or pivot attachment at one end, and a notch or shoulder at the other, in combination with a slotted plate provided with a drop-latch, to fall into the notch, or so that the shoulder on the sliding bars props against the latch, all combined and operating in the manner shown and set forth. I am aware, also, that a hinged arm is used in Patent No. 51,647, of December 19, 1865, to support a table-leaf. This, however, consists of a straight arm, hinged to the table-leaf, forming a hinged bracket, to bear against the frame of the table underneath, which requires a spring, also connected with the leaf of the table, to keep it in place. The free end of this bracket sets into a loop, and has a pin or catch over it, claimed, all constructed as and for the purposes specified. Such a support and construction I do not claim. My combination differs substantially in its construction and operation. The latch D, with its prolonged and enlarged end, held on a free pivot on the slotted plate C, cut out also, for the greater freedom of play for the drop-latch on the plate, the curved arm A, on its pivot or hinge B, plays freely through the slot E in the plate C and frame of the table, the operation being simply to raise the leaf to its full extent, when the latch drops into the notch *a* by its own gravitation, this device being simpler in construction and operation, and deemed a desirable improvement.

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

The arrangement of the plate C, with its drop-latch D and slot E, in combination with the curved arm A, when provided with a hinge, B, at one end, and notch or shoulder, *a*, at the other, operating and constructed in the manner and for the purpose specified.

SAMUEL EHRLMAN.

Witnesses:

LOUIS P. BRADY,

CYRUS J. CORSE.