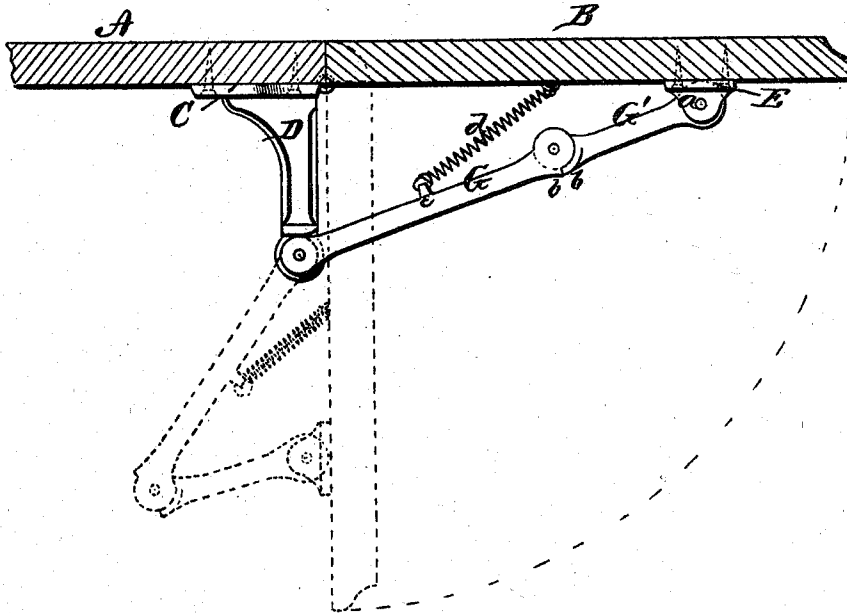


J. K. MOFFETT.
Table-Leaf Supports.

No. 142,260.

Patented August 26, 1873.



WITNESSES

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By

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UNITED STATES PATENT OFFICE.

JOSEPH K. MOFFETT, OF WATERTOWN, NEW YORK.

IMPROVEMENT IN TABLE-LEAF SUPPORTS.

Specification forming part of Letters Patent No. **142,260**, dated August 26, 1873; application filed July 12, 1873.

To all whom it may concern:

Be it known that I, JOSEPH K. MOFFETT, of Watertown, in the county of Jefferson and in the State of New York, have invented certain new and useful Improvements in Sewing-Machine Table; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a brace and joint for supporting the leaf of a sewing-machine or other table, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, which represents a section of a part of a table with hinged leaf, showing my brace and joint attached to the same.

A represents a part of a sewing-machine or other table with a leaf, B, hinged thereto by any suitable means. The brace and joint for supporting the leaf B in a horizontal position is constructed as follows: At that edge of the table A, where the leaf is hinged on the under side, is secured a plate, C, with vertically-downward projecting arm D. To the lower end of this arm is pivoted one end of a jointed brace, G G', the other end of which is pivoted to an ear, a, projecting downward from a

plate, E, which is attached to the under side of the leaf B. The part G of the brace is the one pivoted to the arm D, and is about twice as long as the part G', which is pivoted to the ear a. The joint b in the brace G G' is constructed to form shoulders b b, which bear against each other when the brace is extended in a straight line. About midway of the part G of the brace is a lug, e, connected by a spiral spring, d, with the leaf B.

It will readily be seen that, when the leaf is raised and the brace extended, the spring d will hold the brace in proper position, and any weight on the leaf B, instead of breaking the joint, will have a tendency to make it more firm. A slight downward pressure on the joint b will break the same and allow the leaf to fall down.

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

The combination, with a table, A, and leaf B, of the plate C with arm D, jointed brace G G', spring d acting directly on the jointed brace, and plate E with ear a, all substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 28th day of June, 1873.

JOSEPH K. MOFFETT.

Witnesses:

C. L. EVERT,
J. R. PAWLING.