J. B. SARGENT.

Improvement in Leaf-Supports for Sewing-Machine Tables.

No. 132,027. Patented Oct. 8, 1872.

fig. 1.

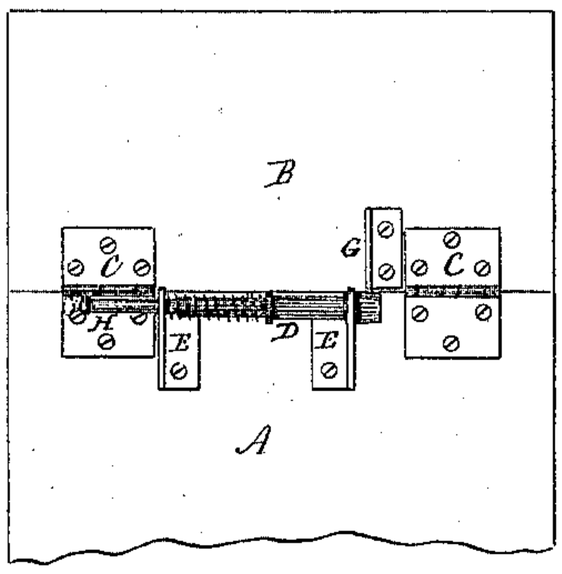


fig. 2.

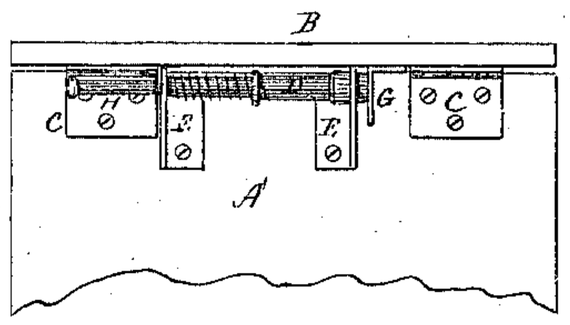


fig. 3.

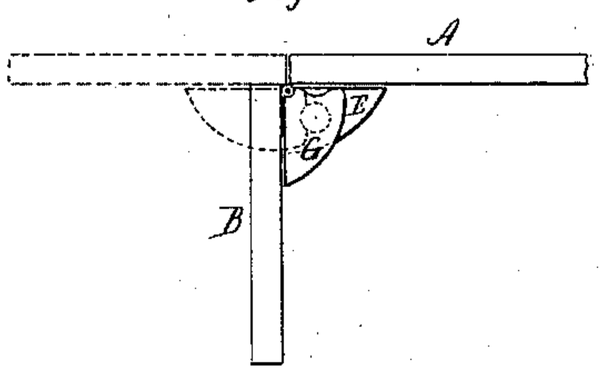


fig. 4.

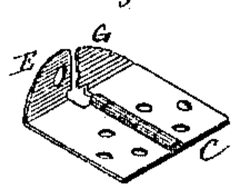


fig. 5.

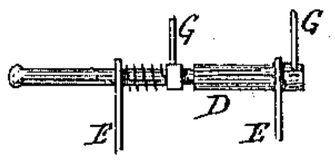
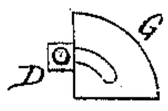


fig. 6.



Witnesses.
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UNITED STATES PATENT OFFICE.

JOSEPH B. SARGENT, OF NEW HAVEN, CONNECTICUT.

IMPROVEMENT IN LEAF-SUPPORTS FOR SEWING-MACHINE TABLES.

Specification forming part of Letters Patent No. **132,027**, dated October 8, 1872.

To all whom it may concern:

Be it known that I, JOSEPH B. SARGENT, of New Haven, in the county of New Haven and State of Connecticut, have invented a new Improvement in Leaf-Supports for Sewing-Machine Tables; and I do hereby declare the following, when taken in connection with the accompanying drawing and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawing constitutes part of this specification and represents, in—

Figure 1 an under-side view of a portion of a table-top, the leaf raised; in Fig. 2, the same, the leaf turned down; in Fig. 3, an end view; in Fig. 4, the device as applied directly to a hinge; and in Figs. 5 and 6, modifications of the same.

This invention relates to a device for supporting table-leaves, which are hinged to the table-top, especially adapted to sewing-machine tables, but applicable to other swinging shelves or leaves.

A is the table-top. B, the leaf. C C, the butts by which the leaf is hinged to the table in the usual manner. D is a bolt, arranged in suitable supports E and E, and provided with a spring, F, by which the bolt is held forward or thrown forward after being drawn back. The bolt D is attached either to the table or leaf, as the case may be, and on the other a keeper or stop, G, is arranged, so that when the leaf is raised, as in broken lines, Figs. 1 and 3, the bolt will be thrown out against the stop G, and hold the leaf in its raised position, but when the bolt is drawn back, as denoted in broken lines, Fig. 1, the leaf may be turned down, as seen in Figs. 2 and 3. A handle, H, or other convenient device, may be formed upon or attached to the bolt by means of which to draw the bolt. When the leaf is down the bolt rests against the stop, as seen in Fig. 2, the spring compressed. When fully raised, as in Fig. 1, the reaction of the spring forces the bolt out upon the stop. I have represented the supports E and the stop G, as independent of the butts. If preferred, however, the support for the bolt may be formed upon one leaf of the hinge and the stop upon the other, as seen in Fig. 4. For some leaves two supports may be desirable for a single bolt—that is, at different positions on the leaf. To do this the bolt should be formed of a less diameter forward of the second stop, as seen in Fig. 5, and the stop slotted, as in Fig. 6, so that, when the bolt is drawn back, the diminished portion of the bolt will enter the said slot and allow the leaf to be turned down; or when the leaf is raised and the bolt thrown forward the body of the bolt being larger than the slot will rest and be supported by the stop.

One great advantage of this leaf-support is that it may be applied to any table or swinging leaf, as no change of the butts is necessary.

I do not wish to be understood as broadly claiming an automatic device for supporting a table-leaf; but

I do claim as my invention—

In combination with the butts C, by which the leaf is hinged, the bolt D, supported upon one part, and the stop G upon the other part, the said bolt when drawn passing the said stop to allow the leaf to drop or fold, and when the leaf is raised the bolt is thrown to bear upon the said stop and support the leaf, substantially as set forth.

JOSEPH B. SARGENT.

Witnesses:

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