

J. W. CHENEY.

Sewing-Machine Tables.

No. 136,701.

Patented March 11, 1873.

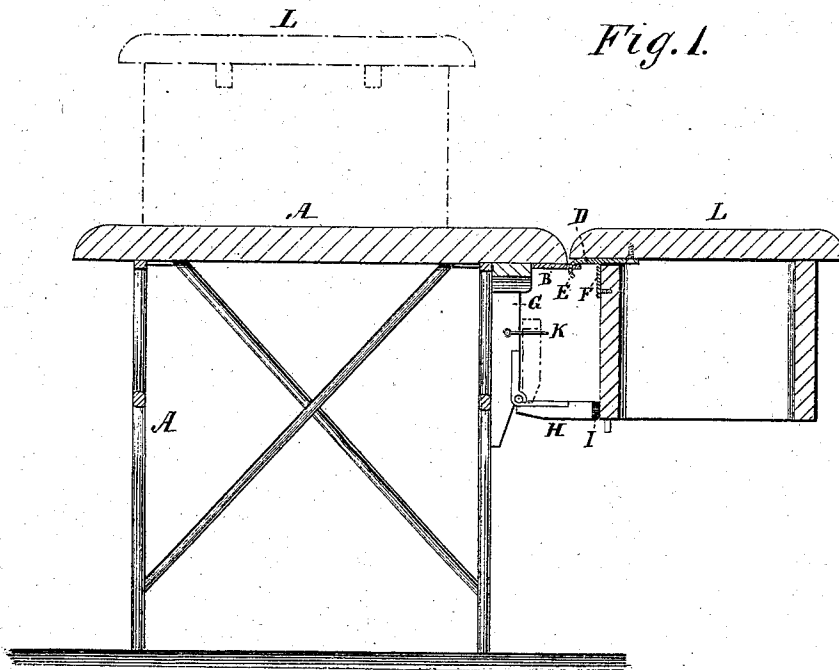


Fig. 2.

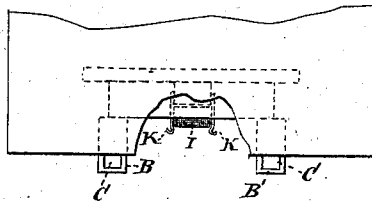
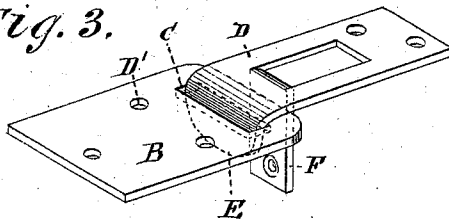


Fig. 3.



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JAMES W. CHENEY, OF DETROIT, MICHIGAN.

IMPROVEMENT IN SEWING-MACHINE TABLES.

Specification forming part of Letters Patent No. 136,701, dated March 11, 1873.

To all whom it may concern:

Be it known that I, JAMES W. CHENEY, of Detroit, in the county of Wayne and State of Michigan, have invented a new and useful Improvement in Sewing-Machine Tables; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification.

This invention has for its object to furnish a simple and effective method of connecting the cover of a sewing-machine table, to the edge of the same, for forming an extension thereof when not used as a cover for the operative mechanism.

The invention consists, primarily, in the employment of a hooked or curved plate, applied to the under side of the cover, and interlocking with a slotted plate secured to the edge of the table, for forming a detachable fastening device which will cause the cover and table to be flush or even with each other when arranged in position. The invention also consists in the provision of a hinged supporting-arm, applied to a pendent bracket secured to the table for maintaining the cover in its proper position when used as an extension leaf, and a pair of spring-jaws for securing the hinged arm when it is turned into a vertical or inoperative position.

In the drawing, Figure 1 is a side elevation of a sewing-machine table and cover applied to the edge of the same. Fig. 2 is a top view of the table with the cover removed; and Fig. 3 represents, in detail, the hinges for connecting the cover to the table.

The table A is of the usual construction, and has attached to its under side and at its edge a pair of plates, B, which possess an elongated slot, C, and openings D, for the passage of fastening-screws, &c.

The cover L is susceptible of being applied to its legitimate use for protecting the operative mechanism of the machine, and when the latter is in use it is capable of being applied to the edge of the table to form a prolongation or extension leaf thereof.

For effecting this result I apply to the under side of the top of the cover a pair of plates, D, which are formed with curved or downwardly-projecting ends E, adapted for

insertion into the slotted plates attached to the table. Said plates project through openings formed at the junction of the top with one of the sides of the cover, and are attached to the same by means of internal or invisible screws, or other fastening devices not extending through the top of the cover. A vertical flange, F, is formed on the plates D by cutting or slitting the plate and then bending the cut portion in a downward direction, said flange serving as a medium for securing the plate to the side of the cover. A pendent bracket, G, is secured to the under side of the table by means of an upper flange and screws, and to the lower extremity of said bracket is connected, by means of a hinge or pivot joint, an arm, H, which is capable of being turned at an angle to the bracket or parallel therewith.

The cover is applied to the table for forming an extension thereof by inserting the hooked ends of the plates D into the slotted plates B attached to the table, and by reason of the curved or peculiar shape of the connecting-hooks the lower part of the cover is capable of being thrown outward when the arm H is turned down to support the same, thus causing the upper end of the cover to be turned inward or in contact with the edge of the table, for forming a flush or even surface.

The casual disengagement of the cover is rendered impossible by the slightly horizontally-turned lower ends of the connecting-hooks, which prevent all vertical movement of the cover, unless the hinged supporting-arm is previously turned into an inoperative position, when the lower part of the cover is susceptible of being turned toward the table—the curved shape of the connecting-hooks permitting such a movement to a sufficient degree for enabling the same to be disengaged.

A fastening device constructed as described possesses also the advantage of permitting a sufficient movement of the cover so as to remove all strain from the curved fastening-hook and recessed plate, obviating breakage by accident or in unfastening, when the supporting-arm is turned up, which would be an inevitable result if the connection between the cover and table were rigid.

Having thus described my invention, what

I claim as new, and desire to secure by Letters Patent, is—

1. The plates D B, provided, respectively, with a pendent curved hook and a receiving-slot, when applied to the cover and table of a sewing-machine, for the purpose and in the manner specified.

2. In combination with the cover and table

of a sewing-machine arranged as described, the hinged supporting-arm H, bracket G, spring-jaws K or equivalent device, as and for the purpose specified.

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