

CHARLES PARHAM.

Improvement in Means for Mounting Sewing Machines upon their Tables.

No. 119,784.

Patented Oct. 10, 1871.

Fig. 1.

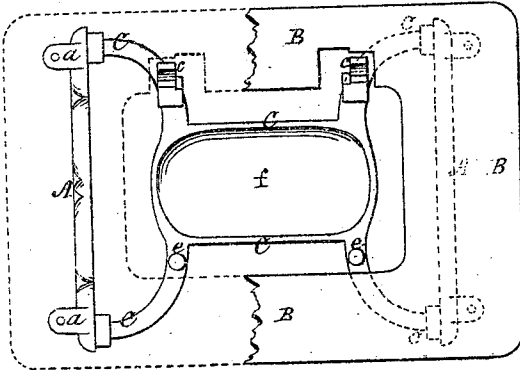


Fig. 2.

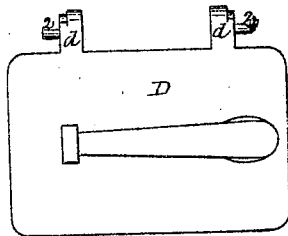


Fig. 3.

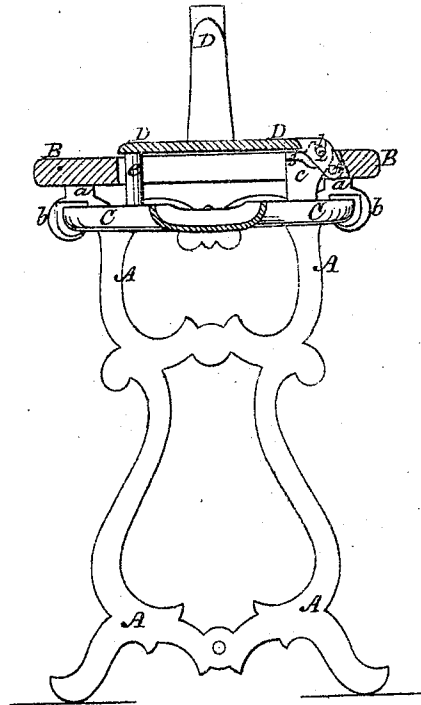
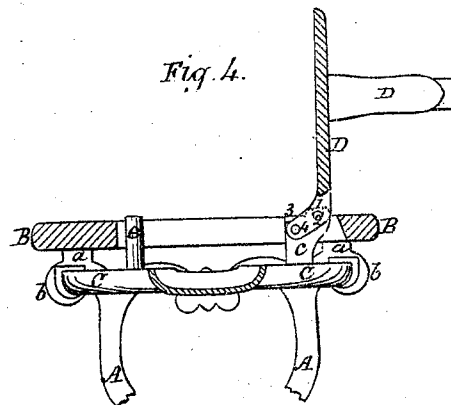


Fig. 4.



Witnesses.
W. G. Henderson
 Edmund Masson

Inventor:
 Charles Parham.
 By atty. A. B. Stoughton.

UNITED STATES PATENT OFFICE.

CHARLES PARHAM, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN MEANS FOR MOUNTING SEWING-MACHINES UPON THEIR TABLES.

Specification forming part of Letters Patent No. 119,784, dated October 10, 1871.

To all whom it may concern:

Be it known that I, CHARLES PARHAM, of the city of Philadelphia, in the State of Pennsylvania, have invented certain new and useful Improvements in the manner of Mounting a Sewing-Machine upon its Table or Stand; 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 making a part of this specification, in which—

Figure 1 represents a top plan of a sewing-machine table or stand, partly broken away to show the parts underneath it, and the sewing-machine unhinged and removed therefrom. Fig. 2 represents the sewing-machine removed from its connections and support on the frame or table. Fig. 3 represents a vertical transverse section through the sewing-machine and table, and showing one of the end supports in elevation. Fig. 4 represents a similar sectional view of the machine and table-top with the machine raised up and held by its hinged connections.

Similar letters of reference where they occur in the several separate figures denote like parts in the drawing.

My invention relates to the several purposes and objects hereinafter stated, as follows: First, to the construction and operation of the hinged connection between the sewing-machine and its support, by which the machine may be raised and held up in a vertical position for oiling or other purposes, or be detached and removed from its support. Second, to a horizontal brace, that not only furnishes the isolating support for the sewing-machine, but strengthens the end supports which sustain the top of the table or stand. Third, to the arrangement of an oil-pan under, but not connected with, the sewing-machine, but supported by the horizontal brace underneath the top of the table or stand-top.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same with reference to the drawing.

The end supports or legs A A of the table or stand may be cast in any of the usual well-known forms or ways, and upon projecting lugs *a a* thereon the table or stand-top B is fastened by screws or otherwise, the contact between the table-top and the legs being at these lugs. A "spider"-shaped brace, C, which may be cast in one piece, is united to lugs *b* cast on the end

supports A, and lies horizontally underneath the table-top B, but not touching it. This brace gives the end supports as well as the table-top a firm and substantial position in relation to each other, but it serves other important purposes, as will be explained. Upon lugs *c*, cast upon the horizontal brace C, may be formed the journal-bearings 1 for the reception of the journal-pin 2 on the sewing-machine D; also, the shoulders 3 for the stop-pin 4 to catch upon to hold the sewing-machine in a vertical position, or practically so, when raised up to oil its under parts, or for any other purpose. The hinge or journal-pins 2 are arranged in lugs *d*, which may be cast on the sewing-machine bed-plate, and thus one-half or part of the hinge is cast or wrought upon the horizontal brace C, and the other half or part upon the bed-plate of the sewing-machine D. Upon the brace C there is also cast or wrought two bearing-studs, *e*, which support one side of the bed-plate of the sewing-machine when let down. That portion of the table or stand-top B which would otherwise underlie the bed-plate of the sewing-machine is cut away, so that the sewing-machine is entirely isolated from the table or stand-top B, and the latter cannot act as a sounding-board, as heretofore, to the noise or action of the sewing-machine when being run. I am aware that pads or rubber, and other material, have been essayed to prevent the noise of sewing-machines, but they fail to do so. I mention such use merely to indicate that I lay no claim to such things. In the body or central portion of the horizontal brace C is cast an oil-pan, *f*, which, being directly under the sewing-machine, catches any and all drippings of oil therefrom; and while this oil-pan or receptacle can be cast in or with the brace C when it is cast, yet it is obvious that a separate pan or receptacle may be used in connection therewith, and supported by it, without being a part and parcel of it. The box portion of the hinges 1 are made open at top, as seen more distinctly in Fig. 4, so that the journal or hinge-pins 2 may be readily placed in them, and the sewing-machine lifted off and removed, when so desired. The male and female portions of the hinges may be reversed from the order herein mentioned without changing the character of the invention—one-half or part being in the frame or brace, and the other half or part on the sewing-machine.

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

1. In combination with a table or stand-top and its supports A, and a sewing-machine arranged over but isolated from said top, the horizontal brace C, when serving to brace said top and supports and supporting the sewing-machine isolated therefrom, substantially as described.

2. In combination with a table or stand and a sewing-machine supported by an insulating or isolating-brace attached thereto, the hinged connections formed part on the brace and part on

the bed of the sewing-machine, so that the latter may be swung and held up in a vertical, or nearly so, position for oiling and other purposes, or be detached and removed therefrom, substantially as described.

3. In combination, with the table sewing-machine, and brace, as herein described, the oil-pan or receptacle *f* under the sewing-machine and upon the brace, as set forth and represented.

CHAS. PARHAM.

Witnesses:

ROBERT K. SMITH,
THOS. S. STOUT.

(134)