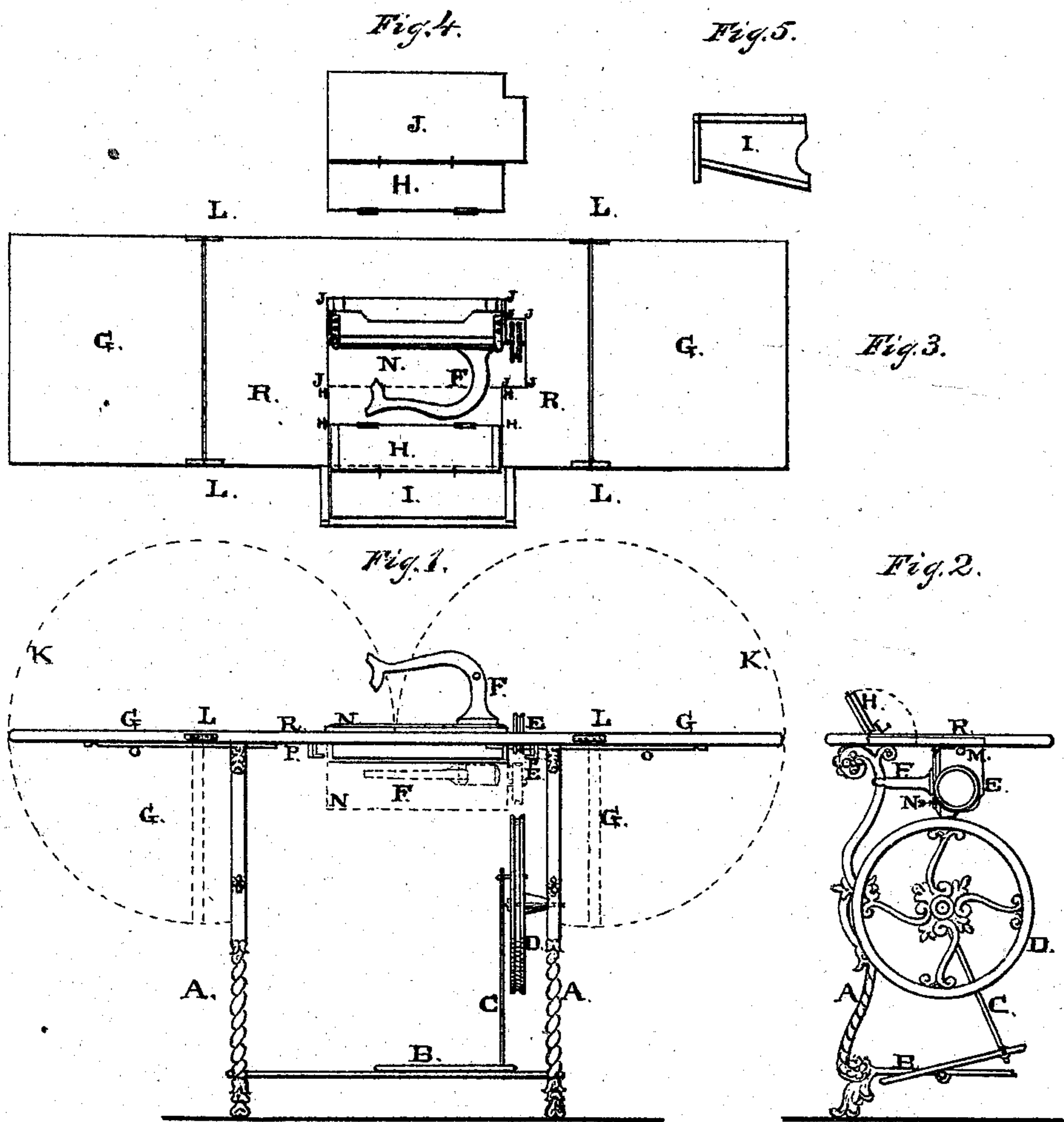


W. M. CUTHBERT.

Sewing-Machine Tables.

No. 136,903.

Patented March 18, 1873.



Witnesses.
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UNITED STATES PATENT OFFICE.

WILLIAM M. CUTHBERT, OF OIL CITY, PENNSYLVANIA.

IMPROVEMENT IN SEWING-MACHINE TABLES.

Specification forming part of Letters Patent No. 136,903, dated March 18, 1873.

To all whom it may concern:

Be it known that I, W. M. CUTHBERT, of Oil City, Venango county, (formerly of Meadville, Crawford county,) and State of Pennsylvania, have invented certain Improvements in Sewing-Machine Tables, of which the following is a specification:

Nature and Object of the Invention.

The first part of my invention relates to the mode of hinging the sewing-machine underneath the table-top, and also securing the same in a drawer, when the machine is not in use, that it may be kept free from dust as well as injury. The second part of my invention relates to the mode of filling or covering the opening left in the table-top, when the machine is down under the top of the table, with a lid or by one or more leaves hinged by reversible hinges to the top of the said table. The object of this part of my invention is to convert the machine-table into a stand or an extended table for general use.

Description of the Accompanying Drawing.

Figure 1 is a front elevation of a sewing-machine table embodying my invention, showing the machine ready for use. Fig. 2 is a vertical transverse section of the same with the machine lowered beneath the table. Fig. 3 is a plan of the same looking down on the table-top, showing the machine when let down or out of use. Fig. 4 is the lid for closing the opening in the table-top made by the letting down of the machine. Fig. 5 is an end view of the drawer for inclosing the machine when let down.

General Description.

A is the legs of the table. B is the treadle. C is the pitman. D is the fly-wheel, which is hung at such a distance below the table-top as not to come in contact or interfere with the machine-pulley E when the machine is placed under the table. E is the machine-pulley. F is the machine-arm in connection with the bed-plate N, which is hinged either directly to the lower side of the table-top, or is attached to the platform M, and thereby indirectly hinged to the table-top R, so that the machine can be placed in the upright position on top

of the table, as is shown in Fig. 1, or let down under the table-top, as shown by the lines F and N in Fig. 1; also by F and N in Figs. 2 and 3. M, Fig. 2, is a platform composed of two end pieces and a top piece, also a shelf. The top piece is cut out so as to accommodate the shaft and working parts of the machine, the bed-plate of which is attached to it by any device, and the platform is hinged to the table-top. The object of the shelf is to protect the clothing of the operator from being soiled by the oil dropping on them. N is the bed-plate of the machine, hinged to the under side of the table-top or attached to the platform M. I is an end view of the drawer, Fig. 5, and also represents the drawer partially drawn out in Fig. 3. G represents the table-leaves, hinged with flush reversible hinges L, Fig. 3, so that they may be folded in any direction. O, Fig. 1, are the slides used to support the leaves when in a horizontal position. The dotted lines K show the different positions in which the leaves may be placed. H, Figs. 2, 3, and 4, shows the position of the lid, which is hinged to the front of the table-top, and which must be raised when changing the position of the machine, in order that the machine-arm may have room to clear. J is also a portion of the lid which is entirely removed when the machine is in the upright position and ready for use, and in conjunction with the hinged portion H fills the opening left in the table-top when the machine is let down and not in use. P is the "rabbets" in which the drawer slides. R is the table-top, cut out in the center, so that the machine can be raised above it or lowered through the opening.

Operation.

When the table is used for sewing purposes the machine is raised to the upright position, as seen in Fig. 1, and secured there by resting on two dowel-pins which project from the hinged lid H, which is folded down as soon as the bed-plate N is above the top of the table. When the table is not used for sewing purposes the lid H is raised so that the machine may pass under the table; then, in conjunction with the lid J, it fills the opening in the table-top, as shown by the lines J and H, Fig. 3. The drawer I is then slid in the rabbets so as to

completely inclose the machine. The invention in this position, the leaves G being in the horizontal position, forms a useful table.

When it is desired to use it as a stand the leaves are folded over the top, meeting in the center, and rest on the table-top, thus forming a convenient stand.

I am now aware that other persons have before me arranged sewing-machines that they may be, when not in use, placed under the surface of the table and the table converted into one for other purposes; but

What I claim as new, and desire Letters Patent for, is—

1. The combination of the bed-plate F N, table-top R, platform M, and drawer E, all constructed to operate substantially in the manner herein set forth.

2. In combination with the above, the hinged leaves G G, when constructed to operate substantially in the manner herein set forth.

Witnesses: WM. M. CUTHBERT.

A. M. PORTERFIELD,

G. G. DAVIS.