

D. E. LILLIS.

Sewing-Machine Treadles.

No. 151,299.

Patented May 26, 1874.

Fig. 1.

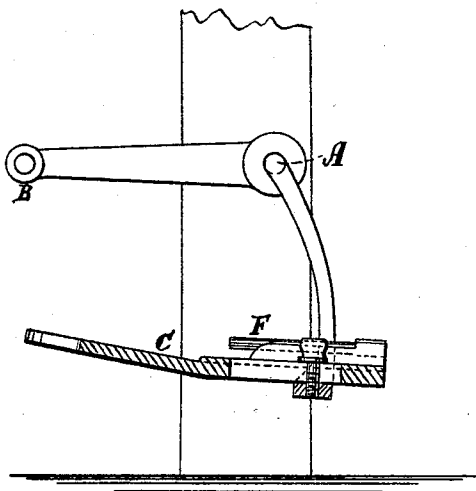
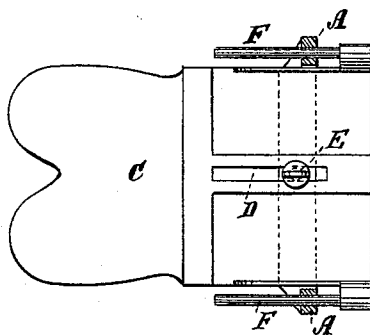


Fig. 2.



WITNESSES.

A. Remmeleindorf.
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UNITED STATES PATENT OFFICE.

DANIEL E. LILLIS, OF JACKSON, MICHIGAN.

IMPROVEMENT IN SEWING-MACHINE TREADLES.

Specification forming part of Letters Patent No. 151,299, dated May 26, 1874; application filed April 11, 1874.

To all whom it may concern:

Be it known that I, DANIEL E. LILLIS, of Jackson, Jackson county, Michigan, have invented a new and Improved Treadle for Sewing-Machines, of which the following is a specification:

I make the foot-board of my treadle adjustable to accommodate an ankle or leg movement, as hereinafter described.

Figure 1 is a sectional elevation of my improved treadle, and Fig. 2 is a horizontal section.

A is the double-cranked treadle rock-shaft; B, the arm for connecting with the crank of the driving-wheel; and C is the movable foot-board. Said board is attached to the cranked rod A, so as to shift on it crosswise the length of the slot D, in which is a binding-screw, E, for holding it in any adjustment. F F are guide-rods attached to the foot-board and passing through the rod A, so that they slide therein as the foot-board is adjusted backward

and forward. Such adjustment is made to allow the operator to so place his feet upon the board as to work it mainly by a swinging leg-movement, or mainly by an ankle-movement. In the former case the board C is adjusted toward the operator to the limit of the slot D, and in the other case it is adjusted in the opposite direction, (or from the operator,) and the feet are each time correspondingly changed in position on the board.

I do not claim a sewing-machine treadle having a horizontally-adjustable foot-board; but

I claim—

The combination, with the rod A, of the foot-board C, having slot D, the binding-screw E, and guide-rods F, as shown and described.

DANL. E. LILLIS.

Witnesses:

WM. D. HOBART,
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