

D. E. LILLIS.
Foot Treadle.

No. 165,007.

Patented June 29, 1875.

Fig. 3.

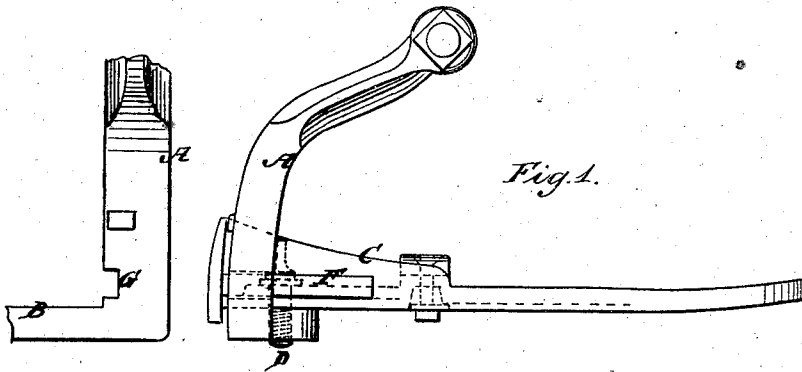


Fig. 1.

Fig. 2.

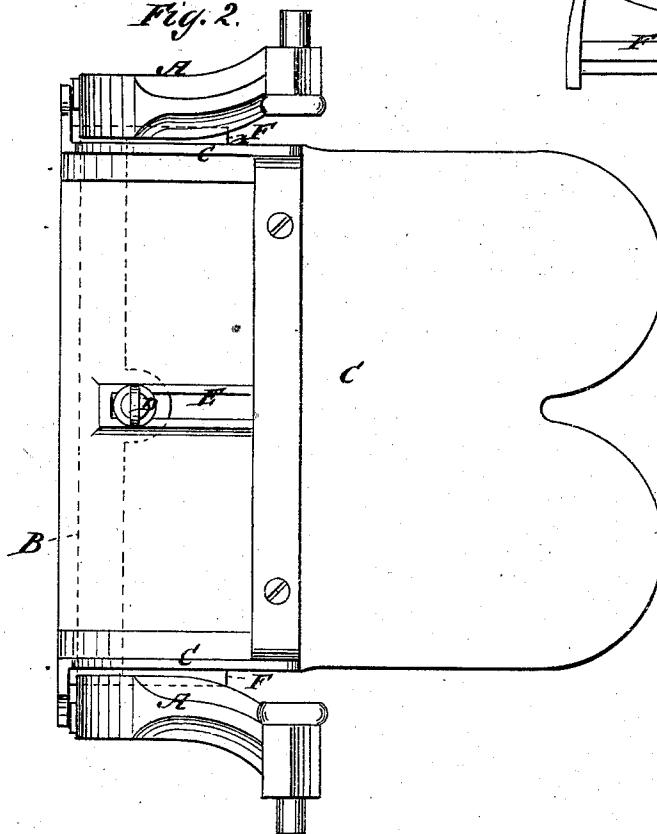
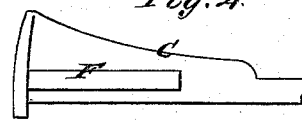


Fig. 4.



WITNESSES:

E. Wolff.
A. J. Terry

INVENTOR:

D. E. Lillis
BY *mmu*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

DANIEL E. LILLIS, OF LOCKPORT, NEW YORK.

IMPROVEMENT IN FOOT-TREADLES.

Specification forming part of Letters Patent No. **165,007**, dated June 29, 1875; application filed May 8, 1875.

To all whom it may concern:

Be it known that I, DANIEL E. LILLIS, of Lockport, Niagara county, New York, have invented a new and Improved Foot-Treadle, of which the following is a specification:

My invention relates to the construction of swinging foot-treadles for sewing-machines and others, in which an adjustable foot-plate is bolted onto the hanging bar, for shifting forward and backward on the bar to balance the feet relatively to the pivot; and it consists of ribs cast on the edges of the foot-plate, in combination with the notched hangers, to assist the binding-screw in holding the foot-plate fast.

Figure 1 is a side elevation of my improved foot-treadle. Fig. 2 is a plan view. Fig. 3 is a side elevation of a portion of the bar which carries the foot-plate, and Fig. 4 is an elevation of a portion of the foot-plate.

Similar letters of reference indicate corresponding parts.

A represents the hanging portions, and B the horizontal portion, of the swinging bar for

carrying the foot-plate C, which is bolted onto it by the binding-screw D in the slot E, to allow the plate to be shifted forward and backward. In addition to this binding-screw I now propose to have a rib, F, cast on each edge of the foot-plate, to slide in a notch, G, in the bar, for aiding the set-screw in holding the foot-plate, the said ribs to be used instead of arms heretofore made separately, and bolted on, as they lessen the cost and are stronger.

In the large number of treadles which I have occasion to ship quite frequent fracture of the guide-rods takes place, rendering the foot-plate useless, and entailing upon the shipper a very serious loss. I dispense with these rods by constructing the foot-plate with the ribs above described; hence,

What I claim is—

A treadle foot-plate, B, having a rib, F, on each edge, as and for the purpose specified.

DANIEL E. LILLIS.

Witnesses:

J. W. McMICHAEL,
E. F. STILES.