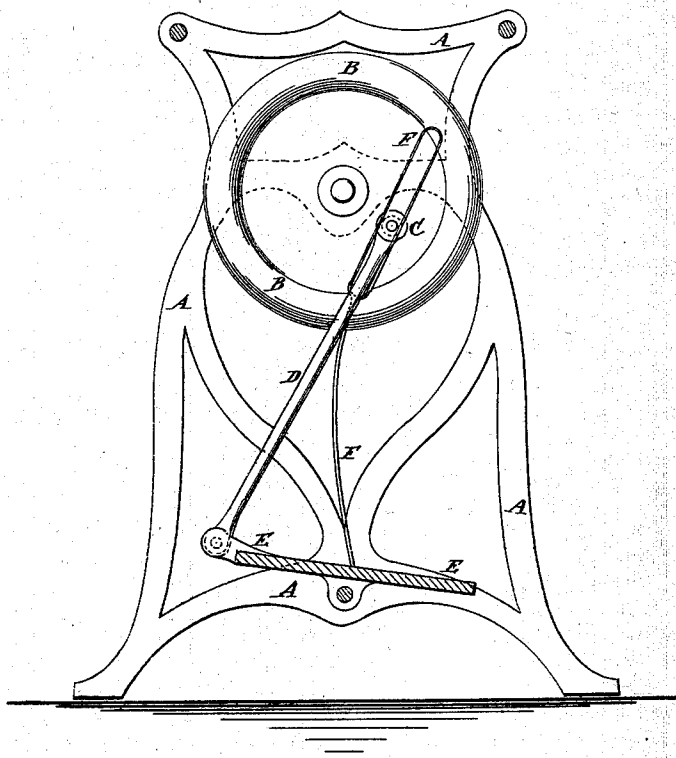


J. EVANS.
Treadle-Movements.

No. 139,305.

Patented May 27, 1873.



Witnesses:
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Sedgwick

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PER *mmmm*
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UNITED STATES PATENT OFFICE.

JOHN EVANS, OF ROSENHAYN, NEW JERSEY.

IMPROVEMENT IN TREADLE-MOVEMENTS.

Specification forming part of Letters Patent No. **139,305**, dated May 27, 1873; application filed February 21, 1873.

To all whom it may concern:

Be it known that I, JOHN EVANS, of Rosenhayn, in the county of Cumberland and State of New Jersey, have invented a new and useful Improvement in Treadle-Movement; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification, in which—

The figure is a side elevation, showing my device applied to a treadle and crank-wheel.

My invention consists in causing a spring to act as a brake, to prevent the wheel from running backward, and bring it always into such a position that it will start forward when turned, without being carried some distance with the hand.

A represents a sewing-machine frame; B, the drive-wheel; and C, a crank-pin. To the crank-pin C is pivoted the upper end of a connecting-rod, D, the lower end of which is piv-

oted to the treadle E, which is pivoted to the lower part of the frame A. F is a spring, the lower end of which is attached to the treadle E, preferably over the fulcrum. The upper end of the spring F is slotted to receive the crank-pin C, as shown.

By this construction the spring F will always bring the crank-pin C into such a position that, on operating the treadle E, the wheel B will always travel forward, and render unnecessary the use of the hand.

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

The spring F, slotted at the upper end and applied to treadle E and crank-pin C, as and for the purpose described.

JOHN EVANS.

Witnesses:

J. W. RICHARDSON,
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