

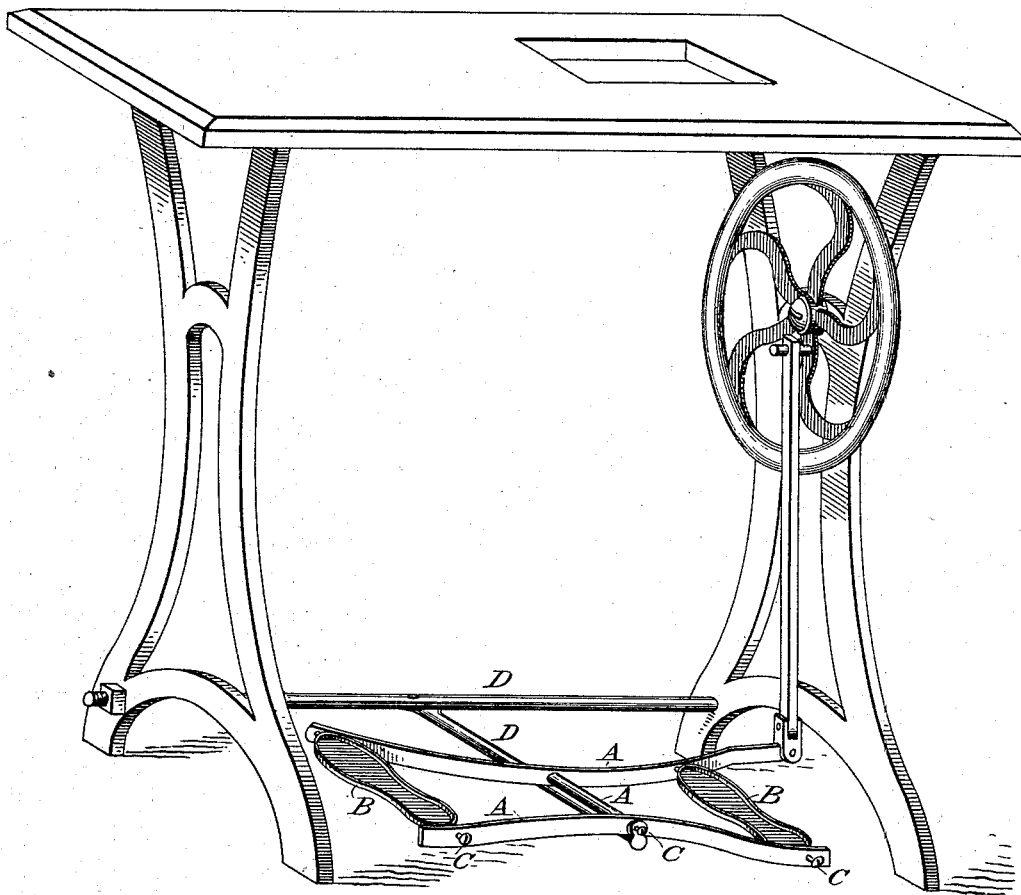
(Model.)

J. R. YEMAN.

AUTOMATIC TREADLE FOR SEWING MACHINES.

No. 263,644.

Patented Aug. 29, 1882.



Witnesses:

Com^{rs} E. Raymond
Charles Garlick

Inventor:

James R. Yeman
per Hull, Laess & Hy
his Attorneys

UNITED STATES PATENT OFFICE.

JAMES R. YEMAN, OF SENECA FALLS, NEW YORK, ASSIGNOR OF ONE-THIRD
TO SAMUEL T. SHARP, OF SAME PLACE.

AUTOMATIC TREADLE FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 263,644, dated August 29, 1882.

Application filed May 17, 1882. (Model.)

To all whom it may concern:

Be it known that I, JAMES R. YEMAN, of Seneca Falls, in the county of Seneca and State of New York, have invented new and useful Improvements in Treadles, of which the following, taken in connection with the figure, in perspective, in the accompanying drawing, is a full, clear, and exact description.

This invention relates to treadles adapted more particularly for operating sewing-machines, and has reference to the class of treadles which are mounted on the two ends of a treadle-bar pivoted at its center.

The invention consists in a novel construction and combination of parts, as hereinafter fully explained, and specifically set forth in the claims.

A represents a vibratory frame, composed of two parallel bars, united at the center by a fixed cross-bar.

B B designate the treadles, pivoted at their ends directly to the frame A, respectively, at opposite ends thereof.

The frame A is pivoted at its center on a stationary supporting-bar, D, having vertically-projecting lugs or shoulders at the outer sides of said frame, through which lugs passes a set-screw, C, having a conical end engaging the side of the frame A. This arrangement admits of taking up the wear of the pivotal connection of the frame A, which constitutes the treadle-bar, and also affords the utmost

convenience for attaching and detaching the said treadle-bar to and from the machine when desired. The treadles B B being connected to the frame A in a similar manner, imparts to them the same advantages.

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

1. In combination with a stationary central support, *d*, the vibratory frame A, composed of two parallel bars united at the center by a rigid cross-bar, and pivoted thereat on the support *d*, and the treadles B B, pivoted at their ends directly to the ends of the frame A, substantially in the manner described and shown.

2. The vibratory frame A, provided with a central tie and with the pivoted treadles B B, as shown, in combination with the stationary central support, D, provided at the outer side of the frame A with vertically-projecting lugs, and set-screws C, inserted through said lugs and having conical points engaging the side of the frame A, substantially as described, for the purpose set forth.

Dated Seneca Falls, New York, May 13, A. D. 1882.

JAMES R. YEMAN.

Witnesses:

S. A. PALMER,
J. N. HAMMOND.