

(No Model.)

I. E. MYRICK.
SEWING MACHINE TREADLE.

No. 255,323.

Fig. 1, Patented Mar. 21, 1882.

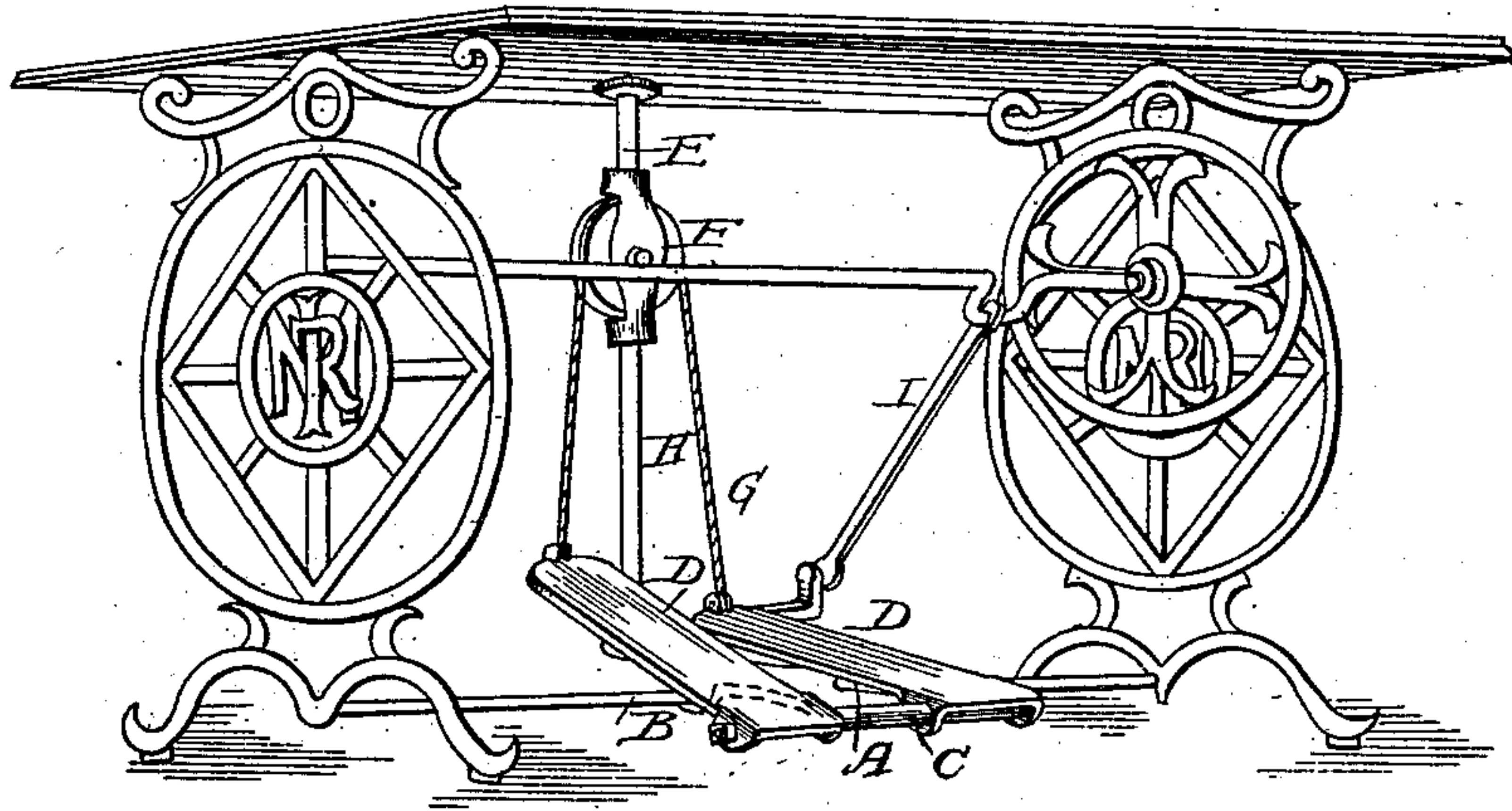
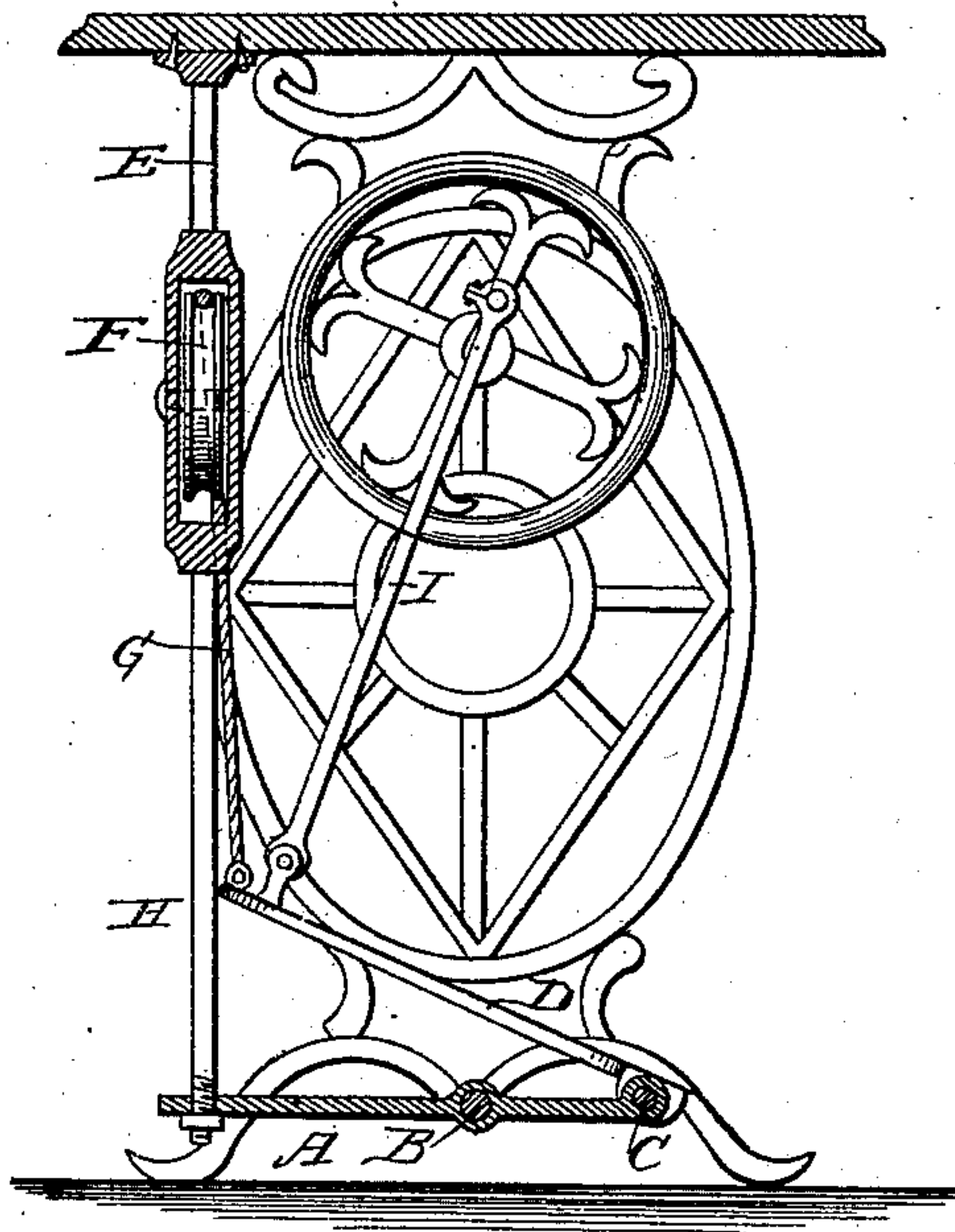


Fig. 2,



WITNESSES:

Wm. L. Dutcher,
Charles H. Baker.

INVENTOR.

I. E. Myrick,
by C. H. Snow & Co.
ATTORNEYS.

UNITED STATES PATENT OFFICE.

ISRAEL E. MYRICK, OF CLEVELAND, OHIO, ASSIGNOR OF TWO-THIRDS TO
JULIUS W. BRETT AND EDMUND R. WHITING, OF SAME PLACE.

SEWING-MACHINE TREADLE.

SPECIFICATION forming part of Letters Patent No. 255,323, dated March 21, 1882.

Application filed February 14, 1882. (No model.)

To all whom it may concern:

Be it known that I, ISRAEL E. MYRICK, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Sewing-Machine Treadles; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

In the drawings, Figure 1 is a perspective view, and Fig. 2 a vertical sectional view.

This invention has for its object to produce a simple, efficient, and durable construction whereby a more natural walking motion is used to operate the treadles, and by which the motion may be more readily and easily reversed than heretofore.

Referring by letter to the drawings, A denotes a base-plate secured on the cross-bar B at the bottom of the frame, and provided at its rear end (the end nearest the operator) with a transverse shaft, C, on which are journaled the treadles D D, one on each side the plate A.

E designates a bracket depending from the under side of the machine-table, and F a band-wheel or pulley journaled in said bracket at right angles to the treadles. Over this pulley extends a band or cord, G, having its ends secured to the front ends of the treadles, as shown. A vertical rod or brace, H, connects the bracket E with the base-plate.

I denotes the usual connecting-rod, pivoted

to one of the treadles and connecting the latter with the crank on the driving-shaft, or direct with the drive-wheel.

It will thus be seen that in operation the treadles can readily and easily be alternately depressed without lifting the heel therefrom, the band G during operation working over the pulley F, causing the latter to alternately turn in opposite directions, thus imparting a free and easy motion to the device.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. The combination, with the bracket on the under side of the table, carrying the band-wheel or pulley, of the connecting rod or brace and base-plate, substantially as herein set forth.

2. The combination, with the bracket E, carrying the band-wheel or pulley F, and having the perpendicular strengthening brace or rod H, the lower end of which is secured to the base-plate A, which straddles the cross-bar of the machine, of the treadles D and band or cord G, substantially as and for the purpose specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

ISRAEL E. MYRICK.

Witnesses:

JULIUS W. BRETT,
F. W. SLOSSON.