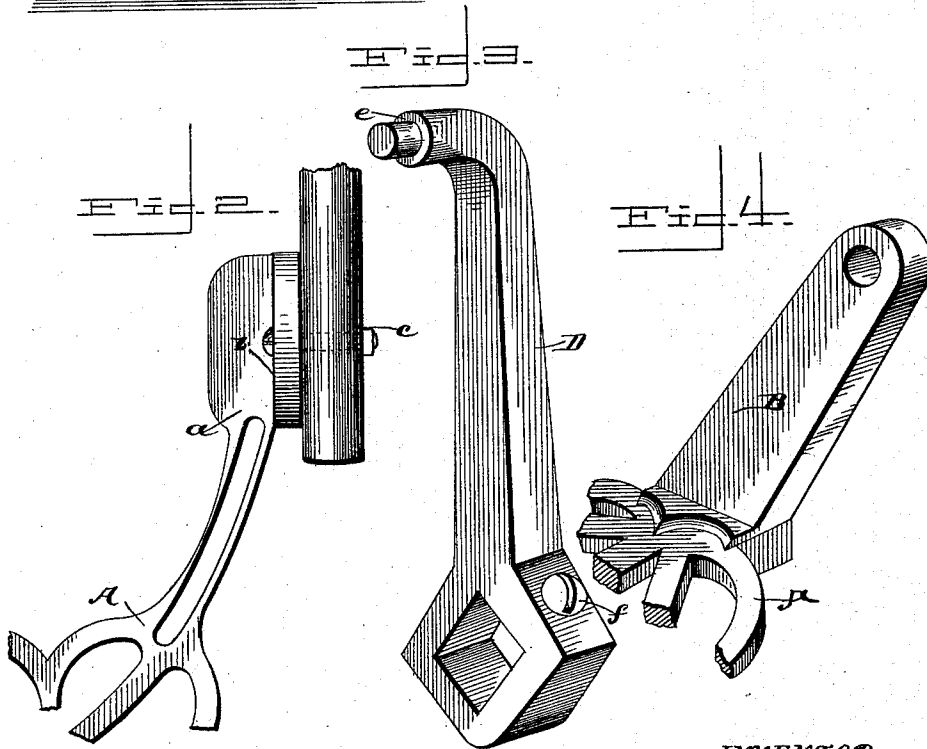
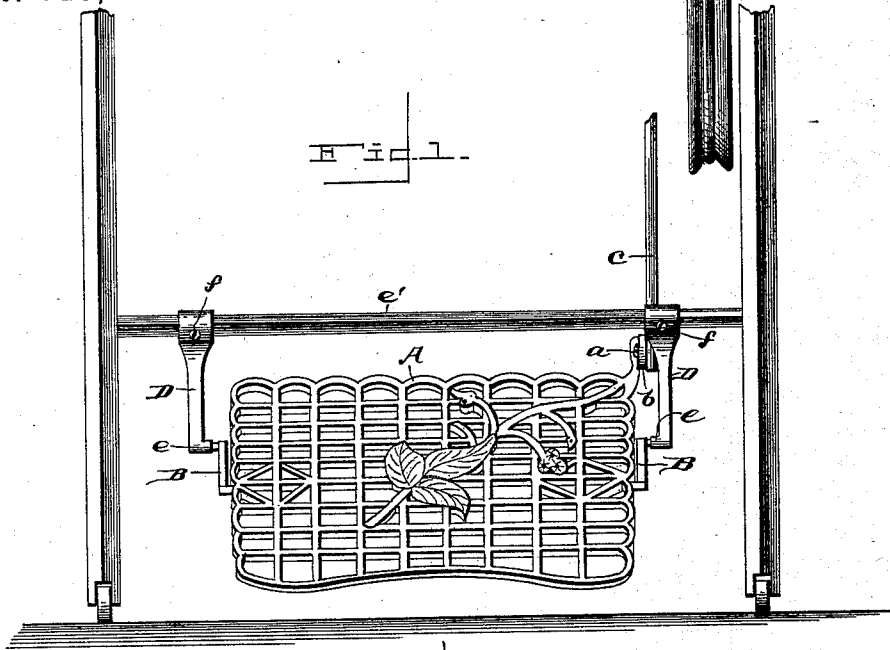


(No Model.)

H. K. HOUSE.
SEWING MACHINE TREADLE.

No. 410,099.

Patented Aug. 27 1889.



WITNESSES
Walter H. Humphrey.
Paul H. Stevens.

INVENTOR
Hiram K. House
By Myer & Co. Attorneys.

UNITED STATES PATENT OFFICE.

HIRAM K. HOUSE, OF NORWALK, OHIO.

SEWING-MACHINE TREADLE.

SPECIFICATION forming part of Letters Patent No. 410,099, dated August 27, 1889.

Application filed April 3, 1889. Serial No. 305,813. (No model.)

To all whom it may concern:

Be it known that I, HIRAM K. HOUSE, a citizen of the United States of America, residing at Norwalk, in the county of Huron and State of Ohio, have invented certain new and useful Improvements in Sewing-Machine Treadles, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention pertains to an improvement in sewing-machine treadles; and it consists in the peculiar construction, combination, and arrangement of the parts, substantially as hereinafter more fully described, and pointed out in the claim.

In the drawings, Figure 1 is a view showing the treadle as applied to a sewing-machine, and Figs. 2 and 3 are detail views thereof. Fig. 4 is also a detail view of one of the foot-plate arms.

My improvement in sewing-machine treadles is designed to facilitate the oscillating movement thereof, and thus to lessen the force required to operate it; and in accomplishing this purpose I cast integral with its foot-plate A arms B, which project upwardly and obliquely therefrom.

Foot-plate A may be constructed of cast metal—ornamented it may be—or cast in any ordinary manner to adapt its weight to its intended purpose. It is provided with arm *a*, having integral therewith vertically-disposed lug *b*, for attachment thereto of pitman *c*, as

shown, which connects with the driving-wheel of the machine.

The arms B, which are inclined outward from foot-plate A, are apertured or socketed, as shown, for reception of hangers D, which latter, having shoulder *e*, are inserted therein. The hangers, which are similar in construction, are also provided at their upper ends with a square orifice for reception of the square cross-bar *e'*. Bar *e'* has its bearings in the vertical walls of the sewing-machine, and the hangers are rigidly secured in position thereon by means of the screws *f f*.

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

The sewing-machine treadle consisting of the foot-plate having the outwardly-inclined arms and the hangers held upon the cross-bar of the sewing-machine frame, and having inwardly-projecting lower ends which engage apertures in the upper or outer ends of said arms, said foot-plate having at one corner a fixed arm provided with a vertical lug, to which is connected the sewing-machine pitman, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

HIRAM K. HOUSE.

Witnesses:

A. SIGOURNY,
O. W. WILLIAMS.