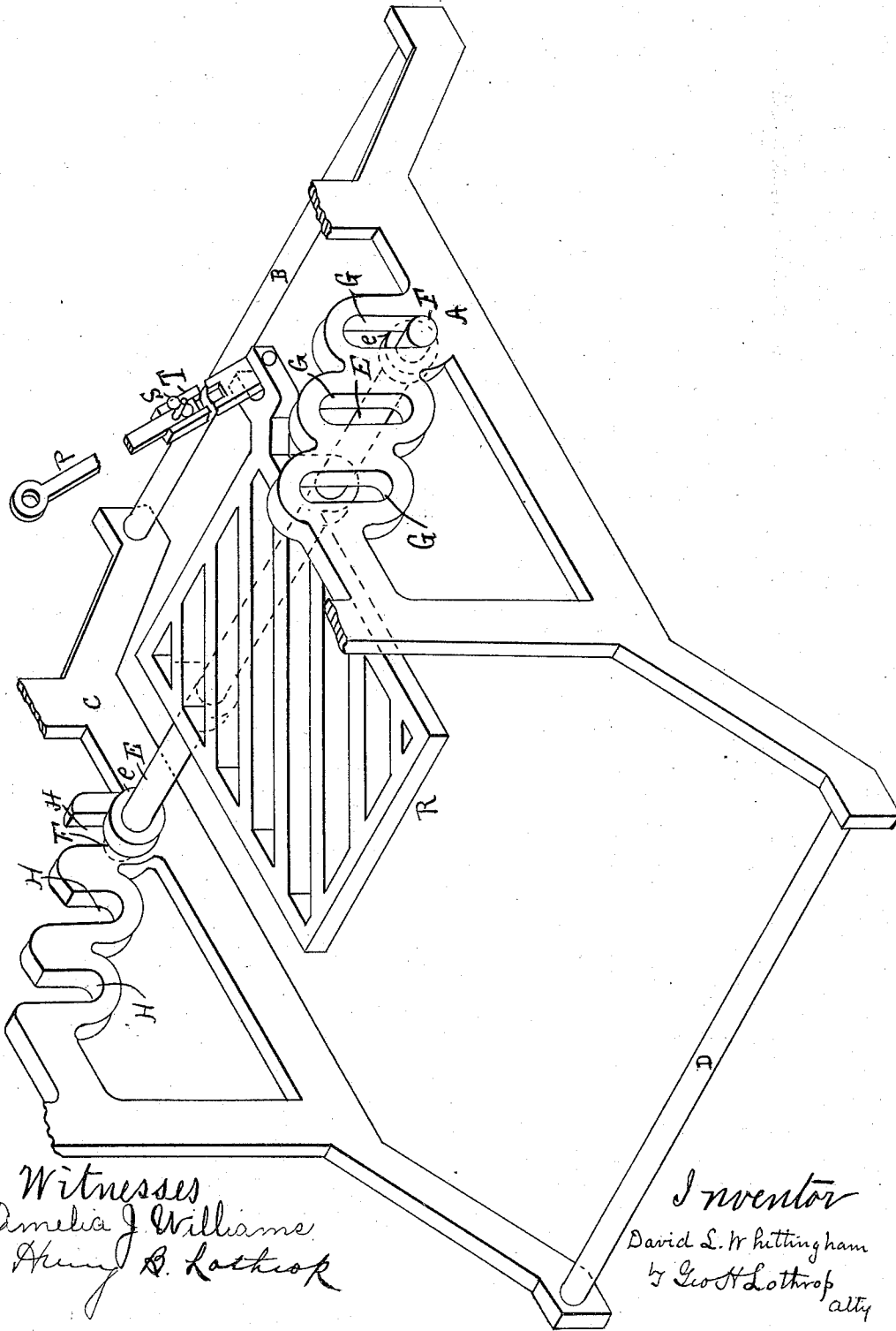


(No Model.)

D. L. WHITTINGHAM.
SEWING MACHINE TREADLE.

No. 544,940.

Patented Aug. 20, 1895.



Witnesses
Amelia J. Williams
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UNITED STATES PATENT OFFICE.

DAVID L. WHITTINGHAM, OF DETROIT, MICHIGAN, ASSIGNOR TO THE
IDEAL MANUFACTURING COMPANY, OF SAME PLACE.

SEWING-MACHINE TREADLE.

SPECIFICATION forming part of Letters Patent No. 544,940, dated August 20, 1895.

Application filed February 14, 1895. Serial No. 538,396. (No model.)

To all whom it may concern:

Be it known that I, DAVID L. WHITTINGHAM, of Detroit, in the county of Wayne and State of Michigan, have invented a new and useful Improvement in Sewing-Machine Treadles, of which the following is a specification.

My invention consists in an improvement in sewing-machine treadles hereinafter fully described and claimed.

The drawing is a perspective showing the parts material to my invention.

A and C represent the two sides of a sewing-machine frame, connected together by bars B and D.

E represents a rock-shaft, on which is secured a treadle R, and this rock-shaft is provided near each end with a collar *e*, leaving the projecting ends F to act as journals. The treadle may be rigidly secured on rock-shaft E or may be pivotally secured on said rock-shaft.

In frame A, I form three openings G, which may be round, but are preferably elongated, as shown in the figure, at different heights and of proper size to receive journal F, and in the frame C, I form three steps H, corresponding in line and height with the openings G, but open at their upper ends, and said openings G and steps H form bearings for shaft E.

I make the pitman in two parts, the upper part P being connected with the lower part by sliding in a sleeve T, and secured by a set-screw S in any position, so that the length of the pitman may be readily changed. In the drawing I have shown the sleeve T as pivoted to the treadle; but it may of course be attached on the end of a short pitman pivoted

to the treadle, or any known form of adjustable connection between the two parts of the pitman may be used.

My invention is intended to make the treadle readily adjustable for persons of different height, and if the treadle when placed in the lowest aperture G and step H is too low it may readily be raised by lifting one end of shaft E out of step H, drawing the other end out of aperture G, placing one end of shaft E in a higher aperture G, and dropping the other end into the corresponding step H, the pitman having been first loosened, and then the pitman is clamped by set-screw S at the proper length.

I have shown only three bearings at different heights; but there may of course be more or may be only two.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination of a sewing-machine frame having at each side a plurality of independent bearings arranged at different heights for the rock-shaft of the treadle, the bearings at one side being open at their upper ends for enabling the rock-shaft to be lifted therefrom, with an adjustable pitman pivoted to said treadle.

2. In combination with the sewing machine frame A C, having a plurality of bearings G and steps H, rock shaft E having collar *e* and a treadle R thereon, and an adjustable pitman, substantially as shown and described.

DAVID L. WHITTINGHAM.

Witnesses:

DENTON GUINNESS,
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