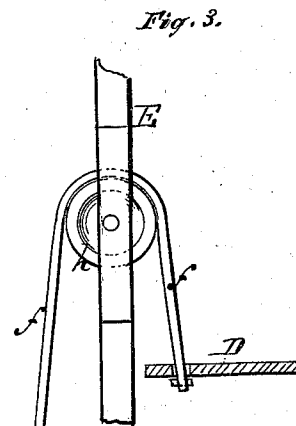
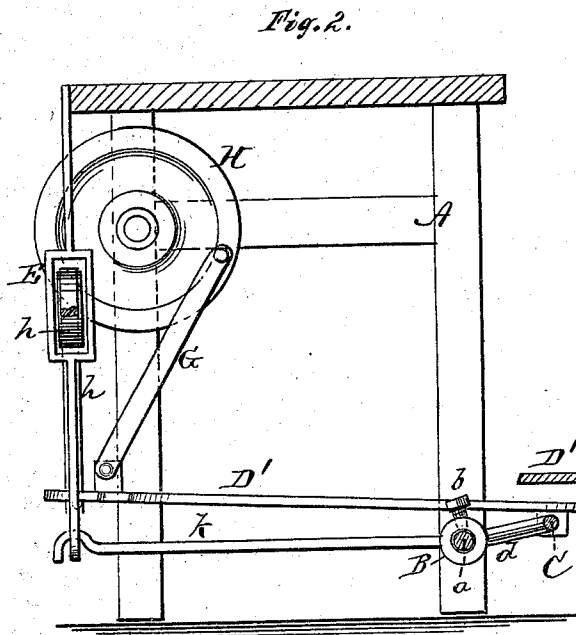
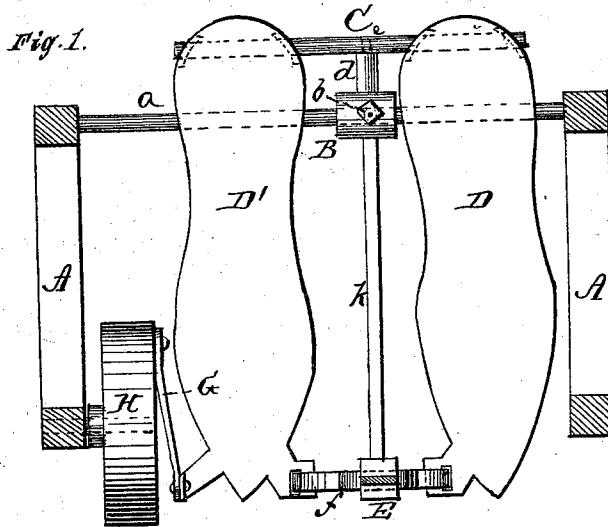


W. HASLUP.

Treadle-Attachments for Sewing-Machines.

No. 150,571.

Patented May 5, 1874.



WITNESSES.

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WILLIAM HASLUP, OF SIDNEY, OHIO, ASSIGNOR TO HIMSELF AND W. B. FORSYTH, OF SAME PLACE.

IMPROVEMENT IN TREADLE ATTACHMENTS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. **150,571**, dated May 5, 1874; application filed March 4, 1874.

To all whom it may concern:

Be it known that I, WILLIAM HASLUP, of Sidney, in the county of Shelby and State of Ohio, have invented certain new and useful Improvements in Mechanical Movements; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon, which form part of this specification.

The nature of my invention consists in the construction and arrangement of a treadle mechanism for operating sewing and other machines, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a plan view of my treadle mechanism. Fig. 2 is a vertical section of the same, and Fig. 3 is a detached view of a part thereof.

A represents the stand or frame of a sewing or other machine, to be operated by a treadle mechanism. In the front part of the stand or frame A, near the bottom, is a shaft *a*, upon which is fastened a sleeve or collar, B, by means of a set-screw, *b*. From this sleeve or collar extends a short arm, *d*, to which arm is secured a shaft, C, extending at right angles toward both sides, as shown. On the shaft C are pivoted two treadles, D and D', at their heels. These treadles are at their front ends or toes connected by a strap or belt, *f*, which passes over a pulley, *h*, mounted in a vertical bar or frame, E, attached to the main frame or stand A at its upper end. The lower end of

the bar or frame E is attached to an arm or rod, *k*, projecting from the collar B. The treadle D' is at its toe, by a pitman G, connected with the crank or band wheel H of the machine to be operated.

It will readily be seen, that as the treadle D' is pressed down, causing the pitman G to descend, the treadle D is raised by the strap or belt *f*, and as soon as the pitman passes the lower dead-center the treadle D is to be depressed by the other foot causing the treadle D' to ascend and force the pitman G upward, giving the wheel H the other half of its revolution, and so on alternately.

This forms a perfect walking treadle in which no pressure is necessary to be exerted by the heels of the operator.

The sleeve or collar B may readily be adjusted on the shaft *a* to the most convenient position for the operator.

I am well aware that much has been done in devising treadle mechanism for sewing-machines, and that the various parts which go to make up my invention are not in themselves new.

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

The combination of shaft C and treadles D D' with arm *d*, shaft *a*, belt *f*, pulley *h*, pitman G, and wheel H, substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own, I affix my signature in presence of two witnesses.

WILLIAM HASLUP.

Witnesses:

CHAS. EISENSTEIN,
T. M. THOMPSON.