

J. H. WILEY.  
Hand-Power for Sewing-Machines.

No. 211,285.

Patented Jan. 7, 1879.

Fig. 1.

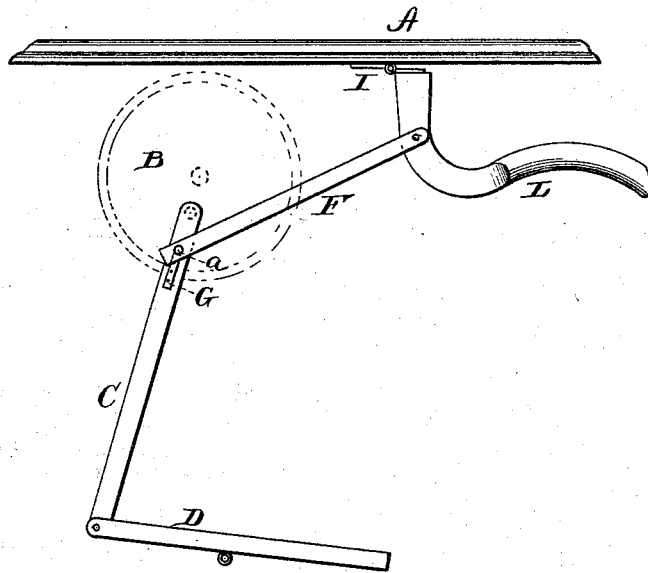
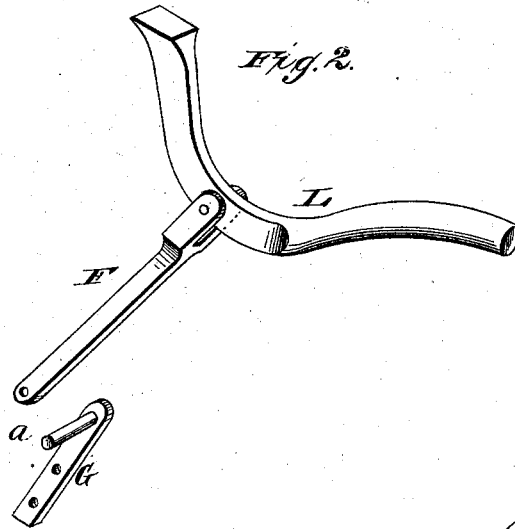


Fig. 2.



WITNESSES

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# UNITED STATES PATENT OFFICE.

JOSEPH H. WILEY, OF TUPELO, MISSISSIPPI.

## IMPROVEMENT IN HAND-POWERS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. **211,285**, dated January 7, 1879; application filed September 12, 1878.

*To all whom it may concern:*

Be it known that I, JOSEPH H. WILEY, of Tupelo, in the county of Lee, and in the State of Mississippi, have invented certain new and useful Improvements in Hand-Powers for Sewing-Machines; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a hand-power attachment for sewing-machines, whereby the machine may be operated by hand as well as by foot, 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 side elevation, showing the application of my invention. Fig. 2 is a perspective view of my invention detached.

A represents a sewing-machine table. B is the band-wheel, C the pitman, and D the treadle, of any sewing-machine. L represents a curved lever, of any suitable dimensions, connected by a hinge, I, at its inner end to the under side of the table A. F is an arm, forked at one end, straddling the lever L, and pivoted thereto, as shown. G is a plate or bar which is to be fastened to the pitman C at or near its

upper end. This plate has a projecting stud, *a*, on which the free end of the arm F is placed; and it is provided with a series of bolt-holes, so that it can be adjusted up and down on the pitman for the purpose of regulating the stroke of the hand-power.

When these parts are thus arranged in position the machine may be operated by hand by working the lever L up and down.

The device is cheap, simple, and durable, and can be easily applied to almost every machine now manufactured.

I am aware that it is not new to apply a hand-power mechanism to a sewing-machine, and I do not claim such, broadly, as my invention.

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

The curved lever L, hinged directly to the under face of the sewing-machine table, the arm F, and plate or bar G, with stud *a*, constructed as described, and adapted to be adjusted and applied to the pitman of the sewing-machine, as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 12th day of August, 1878.

JOSEPH HUNTER WILEY.

Witnesses:

S. C. ARMSTRONG,  
J. R. FRAZER.