

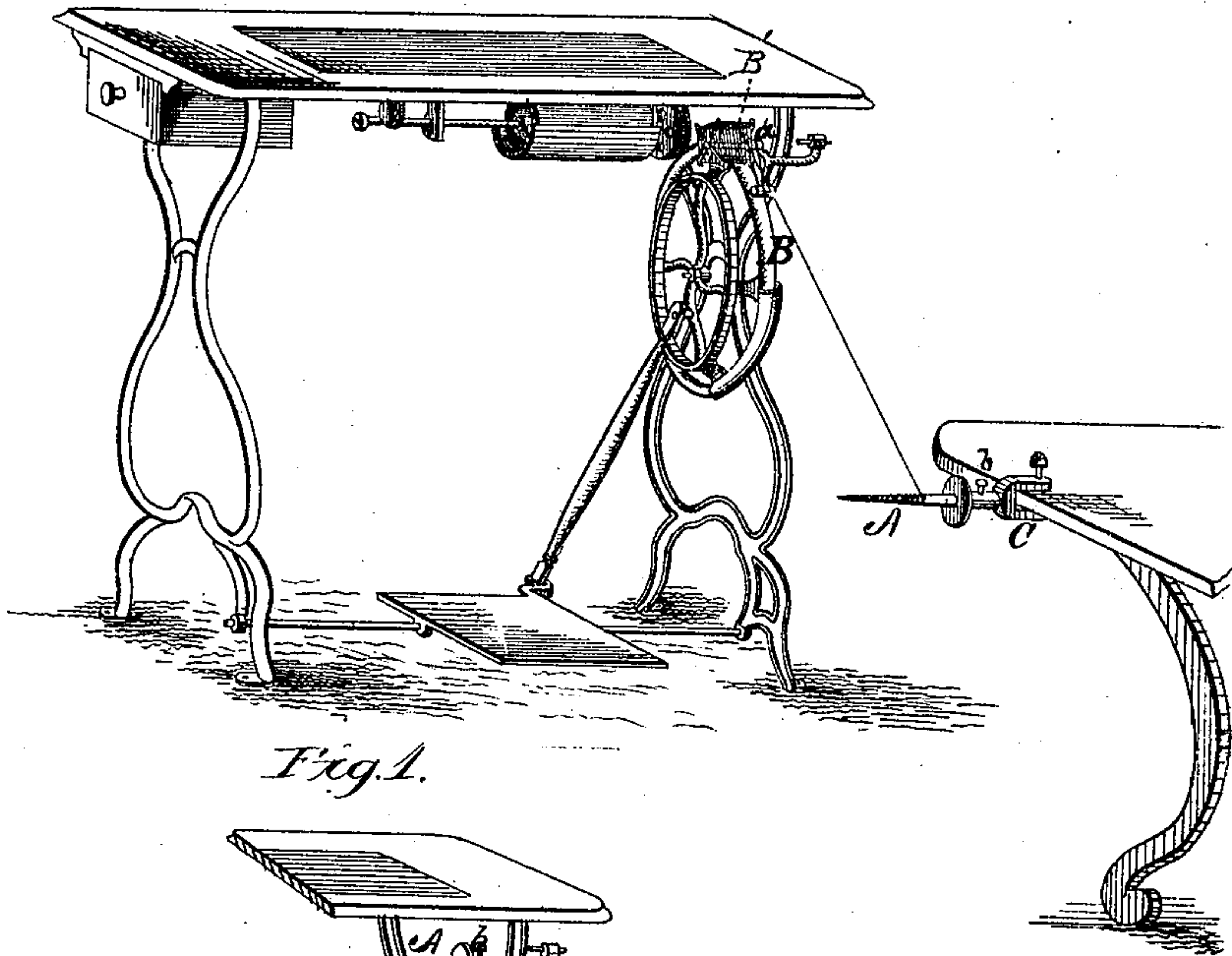
2 Sheets—Sheet 1.

JULIA E. SNAPP.

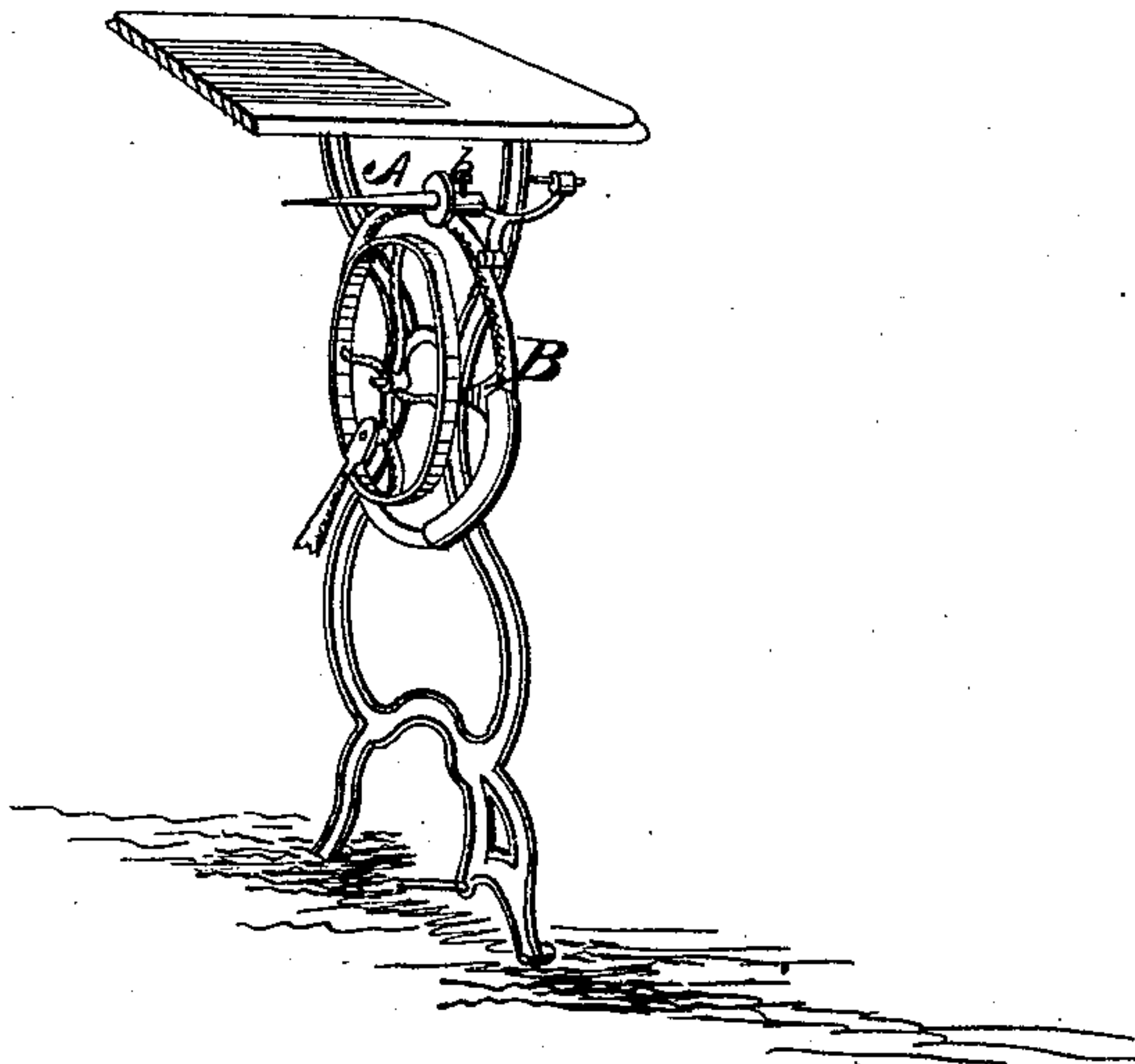
SPINNING ATTACHMENT FOR SEWING-MACHINES.  
No. 180,387.

Patented July 25, 1876.

*Fig. 2.*



*Fig. 1.*



WITNESSES  
Frank L. Curand  
Henry V. Miller By

INVENTOR  
Julia E. Snapp  
Alexander Mason  
Attorney &

JULIA E. SNAPP.

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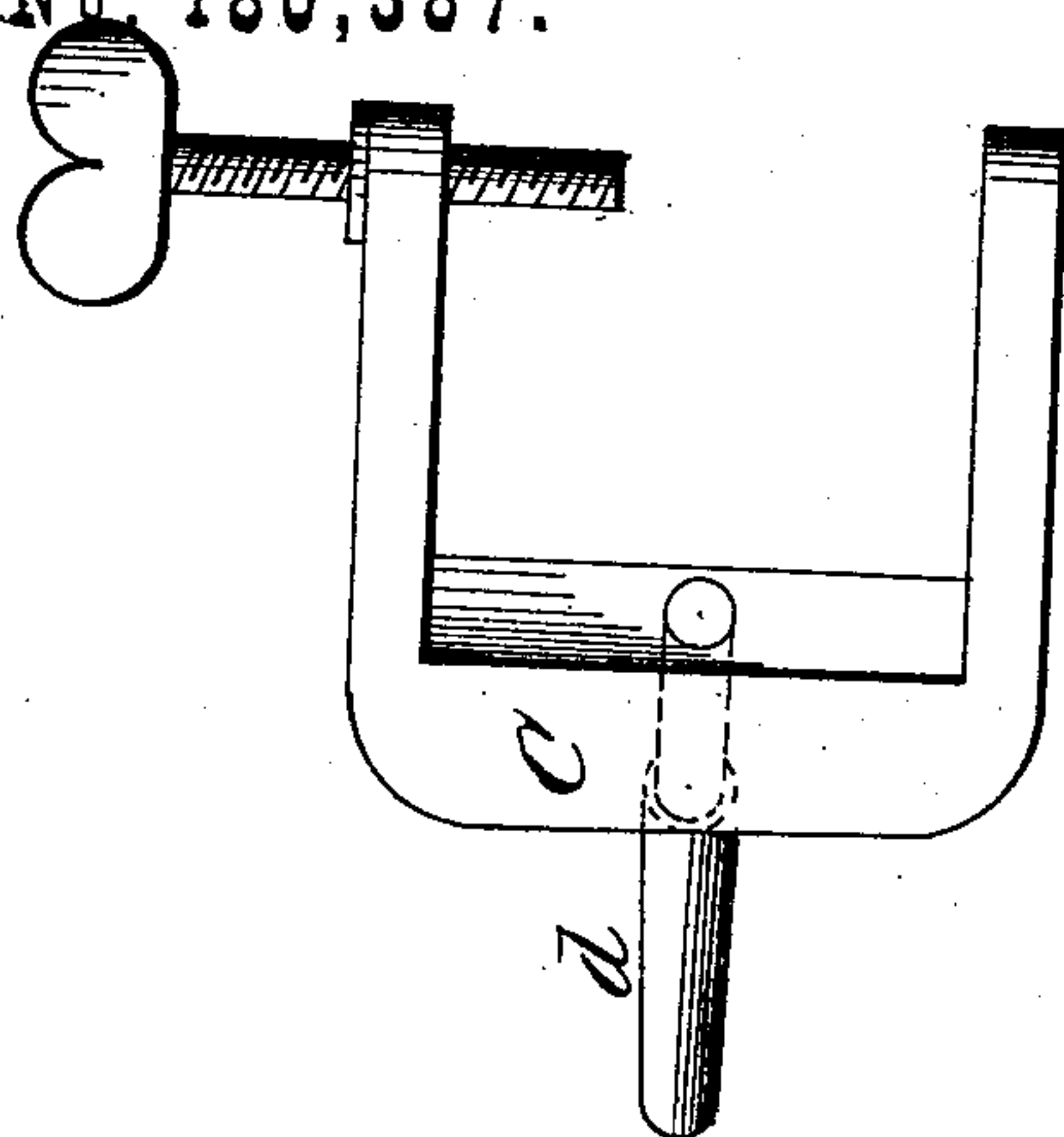


Fig. 3

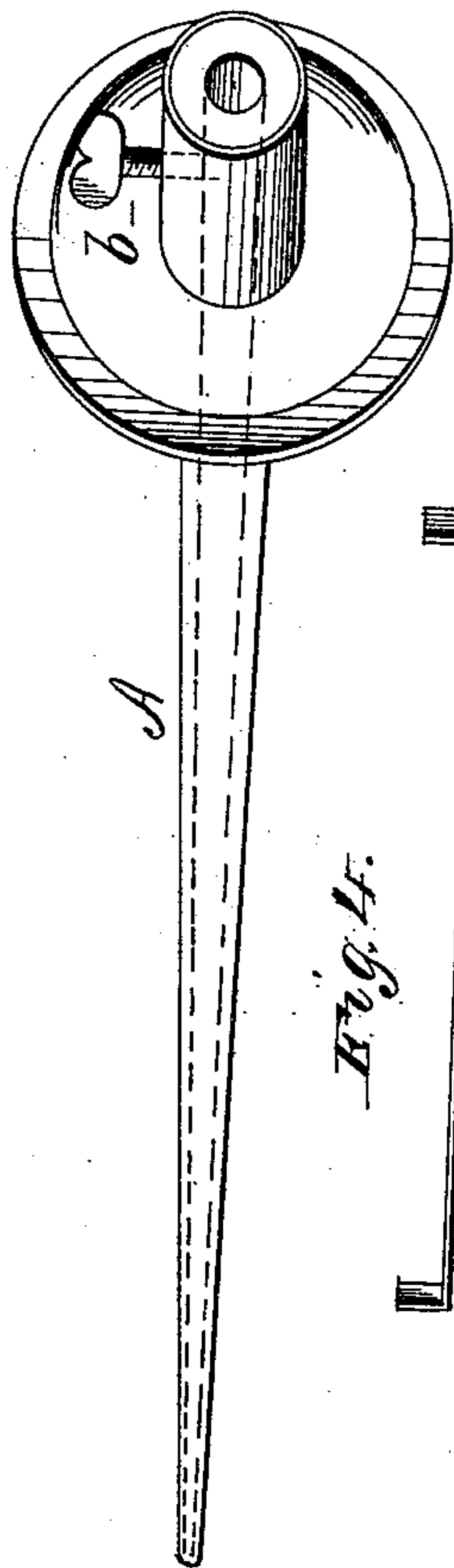
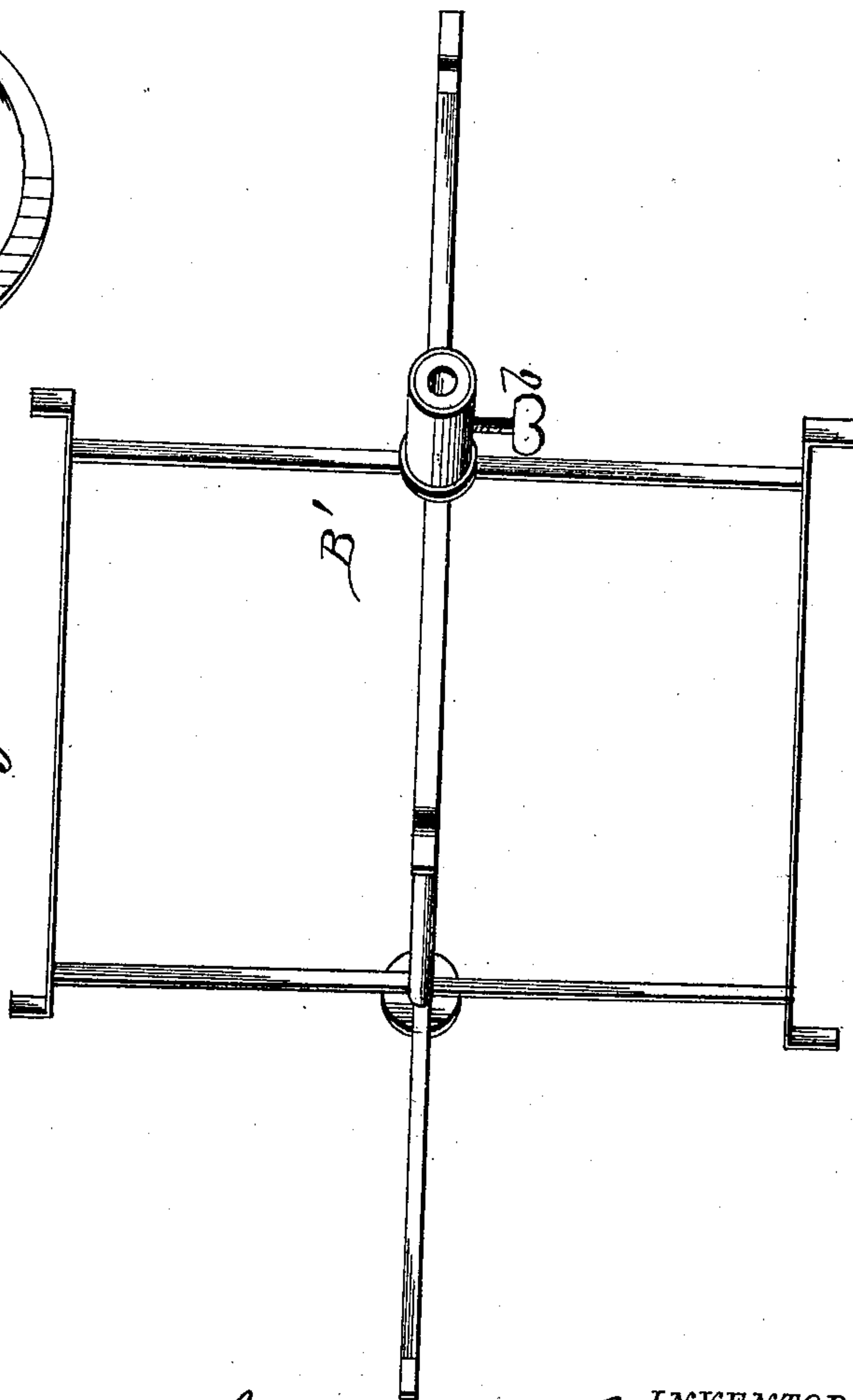


Fig. 4.



B'

WITNESSES

Frank L. Osmund  
Henry N. Miller By

INVENTOR

Julia E. Snapp  
Alexander H. Mason Attorneys.

# UNITED STATES PATENT OFFICE.

JULIA E. SNAPP, OF GEORGETOWN, ILLINOIS.

## IMPROVEMENT IN SPINNING ATTACHMENTS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. **180,387**, dated July 25, 1876; application filed December 9, 1875.

*To all whom it may concern:*

Be it known that I, JULIA E. SNAPP, of Georgetown, in the county of Vermillion, and in the State of Illinois, have invented certain new and useful Improvements in Spinning Attachments 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 spinning attachment for sewing-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 drawings, in which—

Figure 1 is a perspective view, showing the spinning device attached to a sewing-machine. Fig. 2 is a similar view, showing a reel attached to the sewing-machine for reeling off the yarn. Figs. 3 and 4 are enlarged perspective views of the parts of my invention.

The object of my invention is to spin yarn, &c., on an ordinary sewing-machine; and to this end I employ the spooler or bobbin-winder usually found on such machines.

In the drawing I have represented a "Howe" machine, upon which my attachment is used; but it may be used on any of the well-known sewing-machines with but little, if any, change in form.

*a* represents the spooler-spindle of the Howe

machine, upon which is fastened a hollow tapering spindle, A, provided at its base with a set-screw, *b*, for fastening it on said spooler-spindle.

The spooler-spindle *a* is rotated by connecting it with the fly-wheel B in the usual manner. The belt of the machine is to be thrown off and the treadle then worked, which rapidly revolves the spindle A, so that cotton, yarn, &c., may be spun thereon. When the spindle A is full it is removed from the spooler-spindle *a*, and a reel, B', is placed on said spindle *a*, and the spindle A, with the yarn, is placed to the right of the operator, on a spindle, *d*, projecting from an ordinary clamp, C, which may be fastened to a table, stand, or other convenient place.

By these means spinning of any kind may be done with any sewing-machine.

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

In combination with the pitman, fly-wheel, and spooler-spindle *a* of a sewing-machine, the spindle A or reel B', provided with socket on its end, and held to said shaft by the set-screw *b*, as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 11th day of November, 1875.

JULIA E. SNAPP.

Witnesses:

C. L. EVERT,  
EDWIN SNAPP.