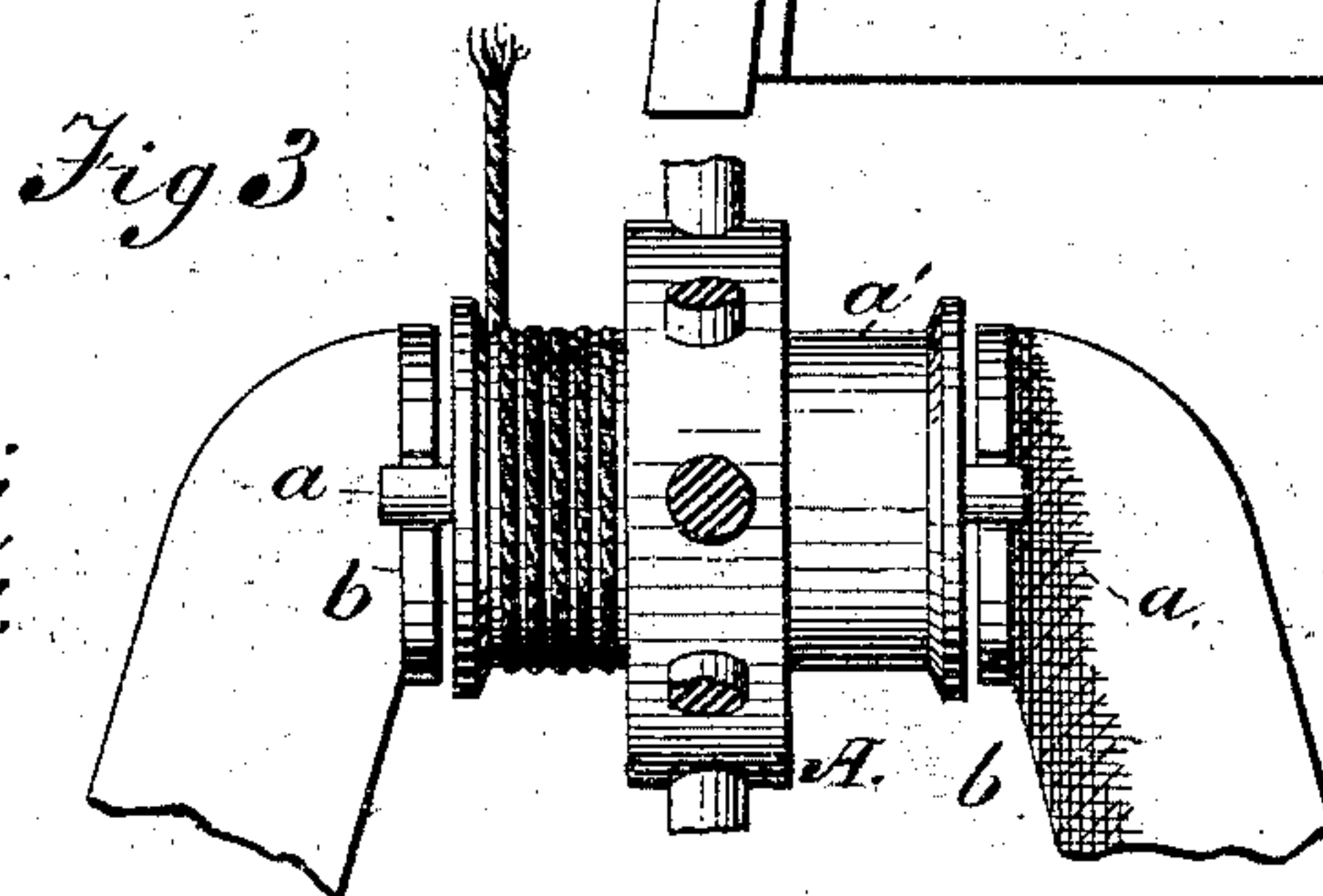
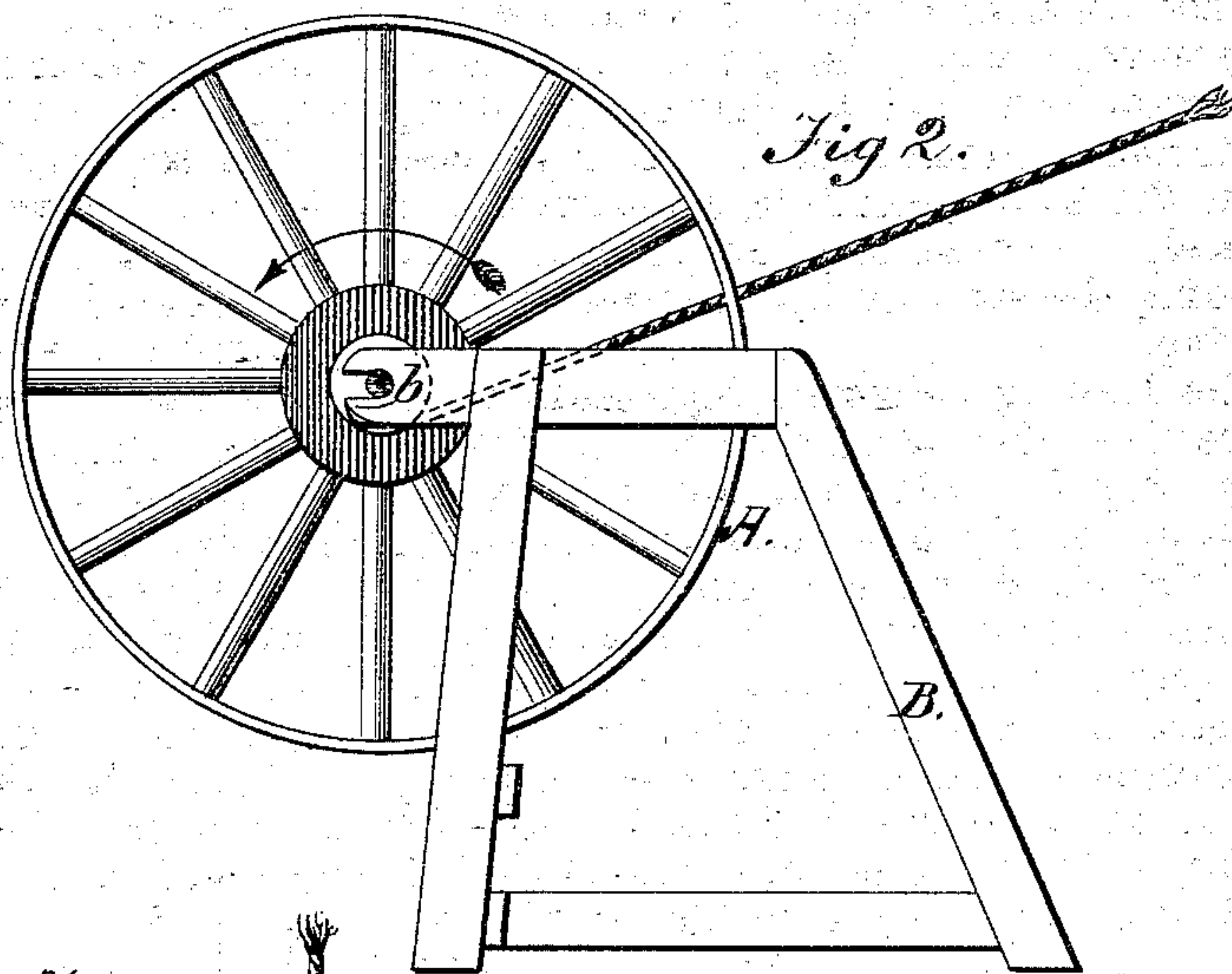
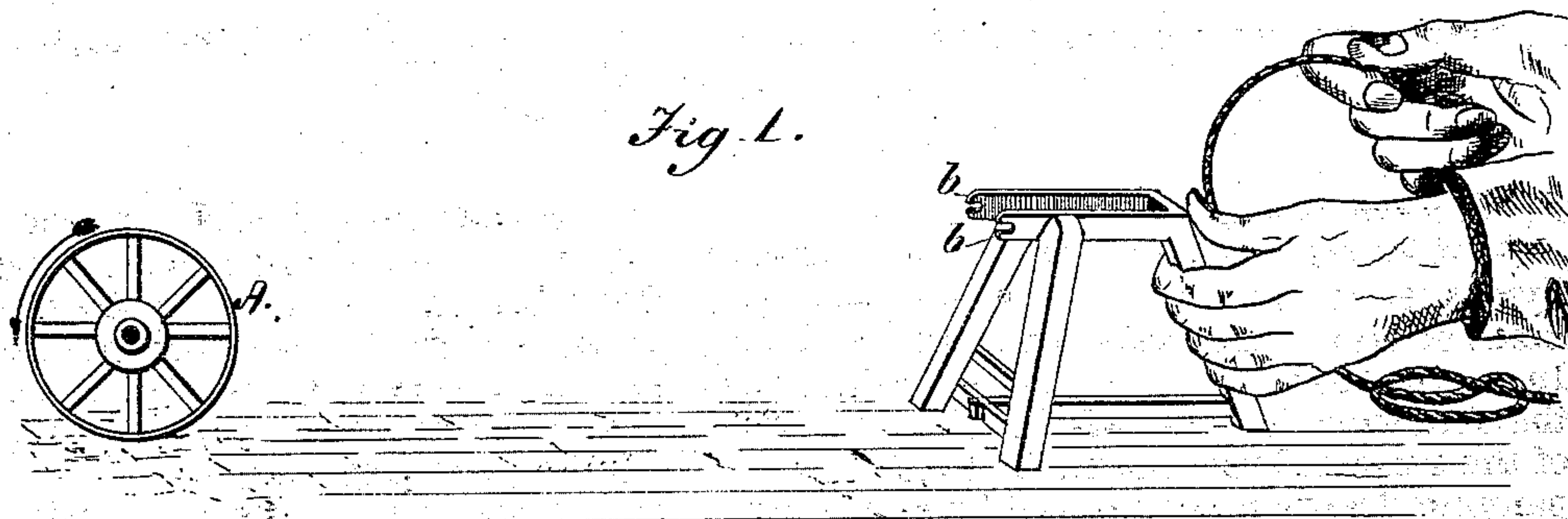


D. B. SPOONER.  
Wheel Toys.

No. 153,988

Patented Aug. 11, 1874



Witnesses;  
Harry C. Clark.  
H. E. Matthews.

Inventor:  
D. B. Spooner  
By H. W. Beadle & Co.  
Attys.

# UNITED STATES PATENT OFFICE.

DAVID B. SPOONER, OF SYRACUSE, NEW YORK.

## IMPROVEMENT IN WHEEL TOYS.

Specification forming part of Letters Patent No. 153,988, dated August 11, 1874; application filed July 21, 1874.

*To all whom it may concern:*

Be it known that I, DAVID B. SPOONER, of Syracuse, in the county of Onondaga and State of New York, have invented a new and Improved Toy; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

This invention is designed as a toy for children; and consists mainly of a wheel adapted to be projected along the ground away from the operator by a quick unwinding of a string upon its hub or circumference. It further consists in the employment, in connection with the wheel, of a peculiarly-constructed stand for holding the same during the unwinding of the string.

In the drawings, Figure 1 represents a perspective view, illustrating the manner of using the toy; Fig. 2, a side elevation of the wheel and stand, and Fig. 3 an enlarged view of the axle of the wheel and its bearings.

To enable others skilled in the art to make and use my invention, I will now describe fully its construction and manner of operation.

A represents a wheel, constructed generally in any proper manner and of suitable material and size, which is essentially provided with journals *a a*, and an enlarged hub or drum, *a'*, preferably grooved, as shown. B represents a stand, consisting, generally, of any suitable frame-work adapted to support the wheel, but essentially provided with bearings *b b*, open upon one side, as shown.

The manner of using my improved toy is as follows: A string of proper length is wound in the groove of the hub or drum upon one

side of the wheel, in such manner that the inner end of the string is held by the winding. The wheel is then placed in the stand, with its journals resting in the open-sided bearings, as shown, in such position that when the string is pulled the wheel revolves away from the person operating the same. By now pulling the string quickly the wheel will be rapidly revolved in the bearings until the string has entirely unwound from its hub, when it will be projected away from the stand, and roll rapidly over the ground or floor to a great distance, if the surface be smooth.

The toy may be used, if desired, in connection with objects to be aimed at, such as ten-pins, or other similar articles.

If desired, the string may be applied to the circumference of the wheel, and the stand may be adapted to be held in the hand.

If desired, also, the spring may be unwound by other means than the hand, such as a spring suitably arranged.

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

The toy herein described, consisting, essentially, of the wheel adapted to roll upon the ground, provided with journals and a winding-surface, a stand having open-side bearings, and the winding-string, substantially as specified.

This specification signed and witnessed this 15th day of July, 1874.

D. B. SPOONER.

Witnesses:

H. BURDICK,  
O. C. HINMAN.