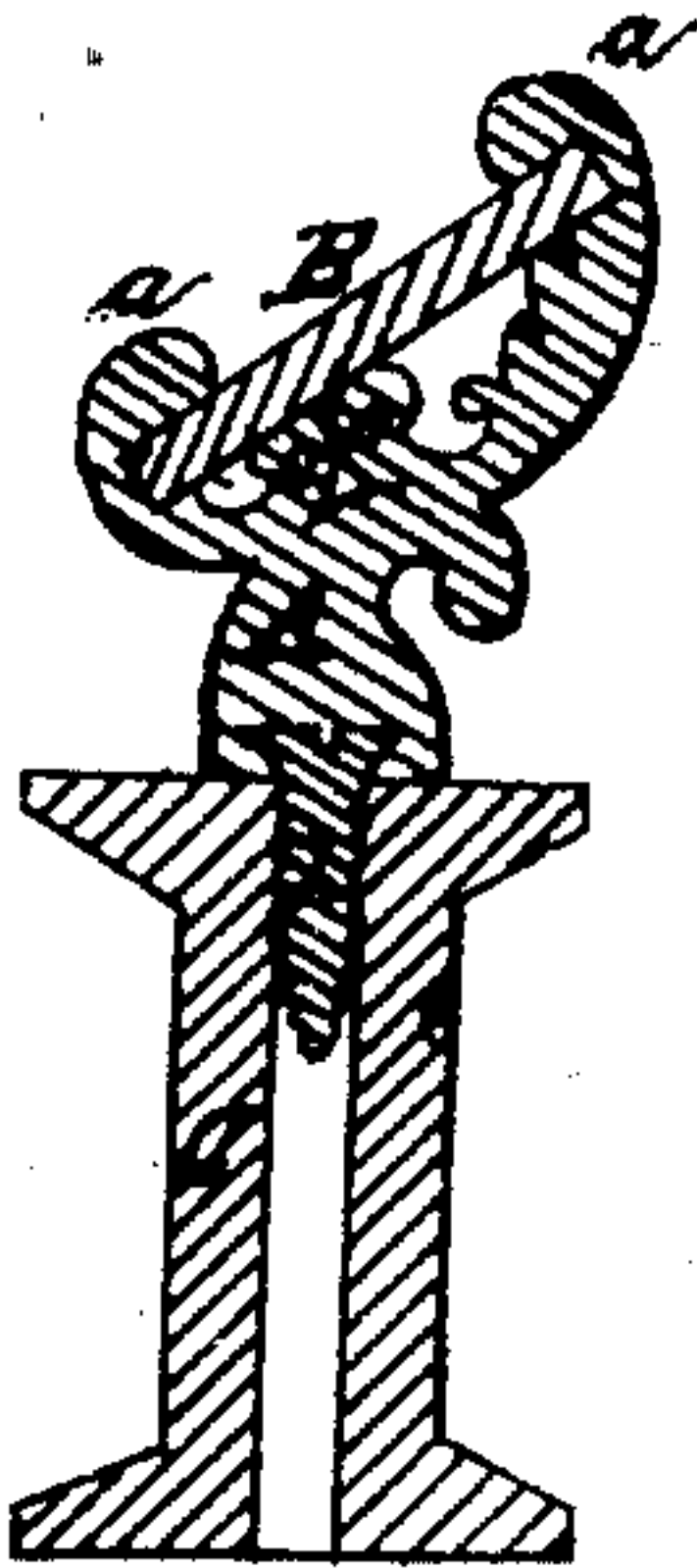


J. W. Strange.
Thread & Twine-Cutter.
Nº 76113 *Patented Mar. 31, 1868.*

Fig. 1



Fig. 2



Witnesses

Samuel Darling
H. H. Porter

Inventor

J. W. Strange
By T. W. Porter
His Att.

United States Patent Office.

J. W. STRANGE, OF BANGOR, MAINE.

Letters Patent No. 76,113, dated March 31, 1868.

IMPROVED THREAD AND TWINE-CUTTER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, J. W. STRANGE, of Bangor, in the State of Maine, have invented a new and useful or improved Thread and Twine-Cutter; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of my invention, and

Figure 2 is a vertical section of the same attached to a thread-spool, also shown in section.

Similar letters indicate corresponding parts in the several figures.

The nature of my invention consists in a metallic stock, formed in a mould, with a steel cutting-blade secured in the stock by the molten metal closing over its ends, while two scrolls or horns, rising above the edge of the blade, keep it from contact with anything but the thread. The stock being also provided with a screw, secured to the stock in the same manner as the cutting-blade, this screw serves as a means to attach the cutter to a spool, counter, or in any other desired position.

In the drawings, A represents the stock of the cutter. This stock is formed of any suitable metal, which can be cast in a metal mould. B is a steel blade, the upper edge of which is sharpened for cutting. This blade being placed in the mould when the stock A is cast, the ends of the blade are enveloped in the metal, as shown at *a a*, and the minor scrolls *c c* also serve to secure the blade. *b* is a common wood-screw, the head of which is secured in the stock by the same means as the blade. The connection of this screw to the stock is plainly shown in fig. 2. C is a thread-spool, to which the cutter is attached by inserting the screw *b* in the hole through the spool. The cutter is in like manner attached to any place where it is desired.

In use, it is only necessary to place the thread or twine across the edge of the blade B, when, by a slight movement of the thread upon the blade, the thread is severed. The oblique position of the blade relatively to the base of the stock facilitates the sliding movement of the thread.

By the peculiar construction of this article, it is readily changed from one place to another, or from one spool to another, as desired, and being firmly secured, it is always in position and ready for use.

Having thus described my invention, I claim, as a new article of manufacture—

A thread and twine-cutter, constructed with a metallic stock, A, cast upon and embracing the ends of cutting-blade B, with the shields *a a*, and screw *b*, all substantially as described and shown.

J. W. STRANGE.

Witnesses:

A. L. SIMPSON,

C. T. DANIELS.