

J. W. Murrell.

Thread Cutting Mach.

N^o 83,353.

Patented Oct. 20, 1868.

Fig. 1.

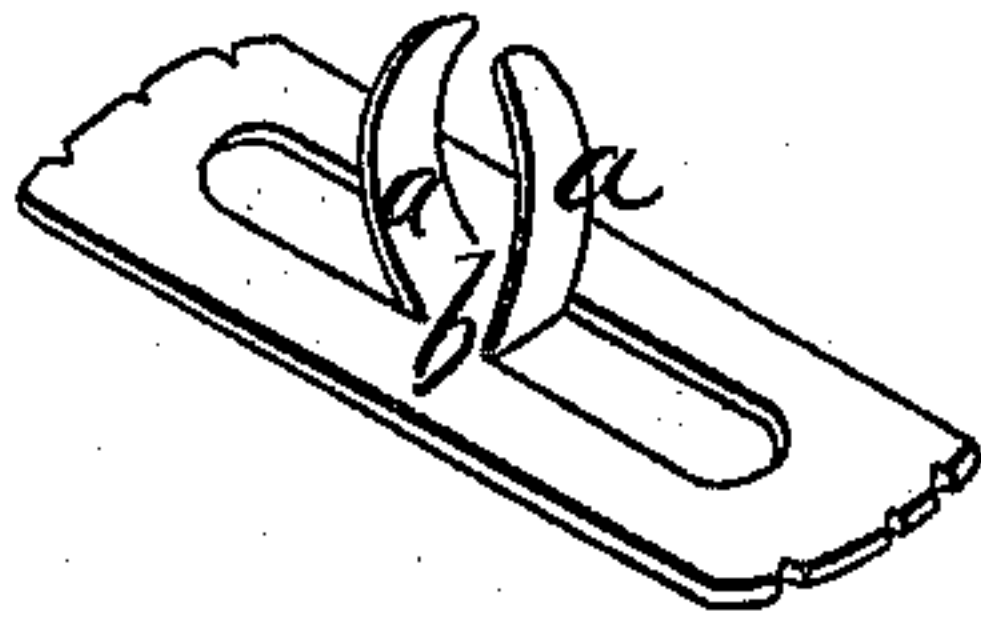
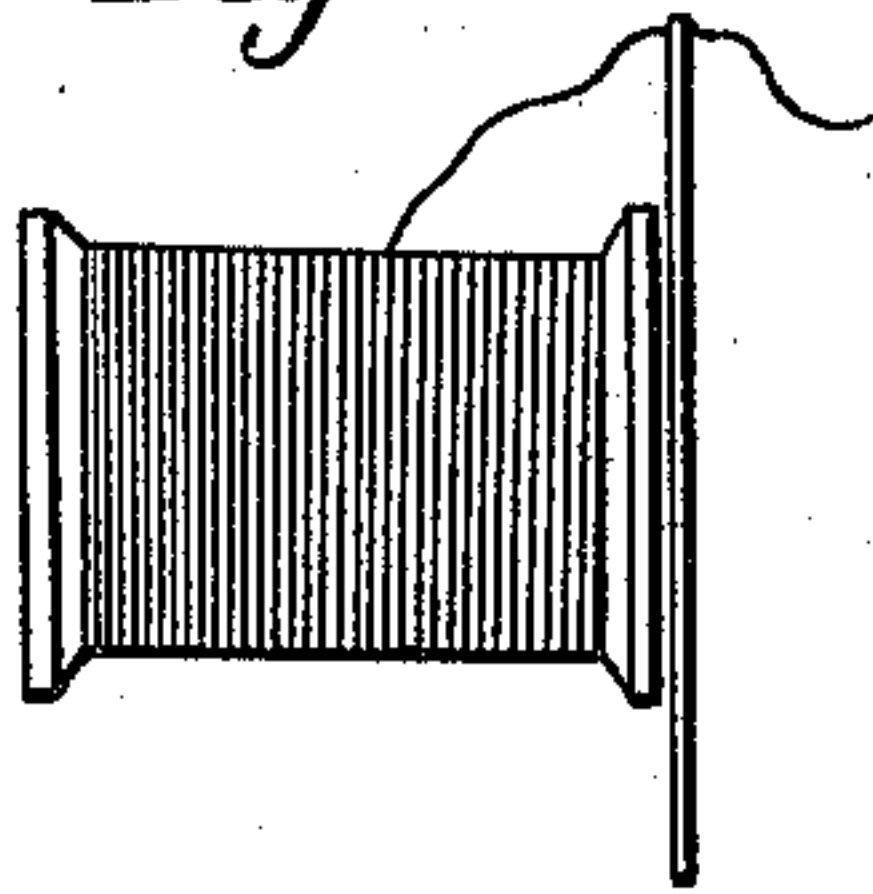


Fig. 2.



Witnesses;
Leopold Evers
A. A. Glanman

Inventor;
J. W. Murrell
per
Alexander Mason
Attys

United States Patent Office.

JOHN W. MURRELL, OF SEAFORD, DELAWARE, ASSIGNOR TO HIMSELF, SAMUEL PERRY, AND EDWARD R. JACOBS.

Letters Patent No. 83,353, dated October 20, 1868.

IMPROVEMENT IN ATTACHMENTS TO SPOOLS FOR CUTTING THREAD.

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, JOHN W. MURRELL, of Seaford, in the county of Sussex, and in the State of Delaware, have invented certain new and useful Improvements in Thread-Breaker and Cutter; 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.

The nature of my invention consists in the construction of a metal plate, with a clamp or spring in the centre, for the purpose of attaching it to a spool, and with notches on its ends, for the purpose of breaking the thread.

In order to enable others skilled in the art to make and use my invention, I will now proceed to describe its construction and operation, referring to the annexed drawings, which form a part of this specification, and in which—

Figure 1 is a perspective, and

Figure 2 a side view, with spool attached.

I take an oblong piece of hard metal, of suitable size, in which I cut two strips, *a a*, lengthwise, from near the centre to near the ends, leaving them connected with the centre piece, *C*.

The two strips *a a* are bent upwards, so as to form a clamp or spring, which is inserted in a spool, to hold it steady in the same.

In the ends of the plate are cut several notches, *i i*, the edges of which are slightly bevelled and sharpened, so as to easily break the thread.

If the thread is cut as usual, with scissors, the end of it is left clean and square, and does not pass readily through the eye of a needle; but, with my instrument, the thread is broken across the sharp edge of the notches, and the end of the thread is left in such a condition that it can be neatly pointed by the fingers, and will readily pass through the eye of the finest needle.

It will be seen that, by making a die, the whole plate may be cut at once, and it can be ornamented in any manner desirable.

I am aware that a device for cutting or breaking thread, so constructed as to be applied to a spool, is not new; also, that a device provided with springs, which enter the orifice of the spool, for connecting the two, is known.

Having thus fully described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

As an article of manufacture, the within-described thread-breaker, formed from sheet-metal, its retaining-parts, *a a*, being cut from its centre, and bent at right angles thereto, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand, this 22d day of July, 1868.

JNO. W. MURRELL.

Witnesses:

AMOS COLE,
R. H. McKIM.