

(No Model.)

E. C. JENKINS.
COMBINED THREAD HOLDER AND CUTTER.

No. 491,262.

Patented Feb. 7, 1893.

Fig. 1.

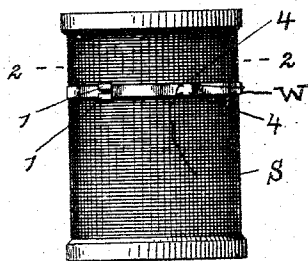


Fig. 2.

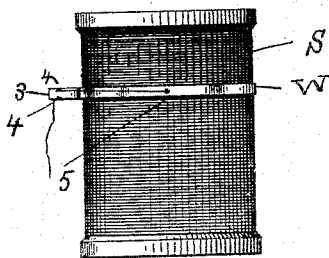
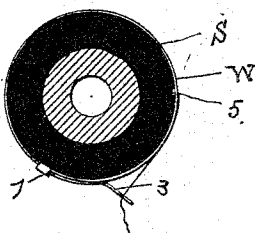


Fig. 3.

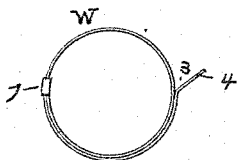


Fig. 4.

Witnesses

Chas. F. Fitch
James J. Rafferty

Inventor

E. C. Jenkins

By his Attorney

Louis W. Southgate

UNITED STATES PATENT OFFICE.

EBENEZER CURTIS JENKINS, OF SHREWSBURY, MASSACHUSETTS.

COMBINED THREAD HOLDER AND CUTTER.

SPECIFICATION forming part of Letters Patent No. 491,262, dated February 7, 1893.

Application filed March 3, 1892. Serial No. 423,564. (No model.)

To all whom it may concern:

Be it known that I, EBENEZER CURTIS JENKINS, a citizen of the United States, residing at Shrewsbury, in the county of Worcester and State of Massachusetts, have invented a new and useful Improvement in Thread Holders and Cutters, of which the following is a specification.

The aim of this invention is to produce a device for holding the end of a thread on a spool, which shall be very cheap and simple and very efficient for the purpose intended, and which device may also carry a cutter for the thread.

To this end the invention consists of the device described and claimed in this specification and illustrated in the accompanying drawings, in which,

Figure 1 is a side elevation of a spool with my device applied thereto, Fig. 2 is a section on line 2—2 of Fig. 1, Fig. 3 is a side elevation at right angles to Fig. 1, and Fig. 4 is a view of the device separate from the spool and partially closed up.

My device consists of the combined thread holder and cutter herein described and claimed.

Referring to the drawings and in detail, S represents a spool of thread and W my improved device. The same is preferably made of a piece of coiled flat spring wire such as watch spring wire so that the normal tendency of the same is to close up, or normally contract to a diameter smaller than the core of the spool to which the same is to be applied, whereby the same will tightly fit on the thread on the spool and will clasp the next unwound convolution of thread. On one end of the spring are formed or fastened ears 1, 1 and the same are bent over as shown to loosely clasp the body portion of the spring. The other end of the spring is bent out as at 3 and the same has two notches as 4, 4 cut in the same, which act as cutters for the thread. A hole 5 is drilled through the central portion of the spring through which the end of the thread may be passed.

The operation is as follows—The thread is passed through the hole 5 as before described,

and the device is then snapped onto the spool. The spool is now held in the hand or fingers so that it may easily revolve and the thread is pulled. The spool will revolve as the thread is unwound but the device will not revolve but will move up and down on the spool and follow the next unwound convolution of unwound thread. After a sufficient quantity of the thread has been unwound, the same is pulled into either one of the cutters 4 and cut off. This will leave a small portion or end hanging out of the hole 5, so that the same may be easily grasped for the next operation. As the device necessarily follows the next unwound convolution of thread and is always over and clasps and surrounds the same at all times, and as the normal tendency of the spring is to contract to a circle smaller than the thread on the spool, the end of the thread will be tightly held and kept from unwinding. Thus my device forms a very simple thread holder and cutter.

The device herein shown and described may be varied by a skilled mechanic without departing from the scope of my invention, as expressed in the claims.

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

1. The thread holder consisting of a spring band bent upon itself and having ears upon one end thereof, a cutter formed on the other end thereof, and a hole drilled through the body portion of the spring band, substantially as described.

2. The thread holder consisting of a spring band adapted to clasp an unwound convolution of thread, and having one of its ends provided with an outward projection, said projection having cutters formed therein, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

EBENEZER CURTIS JENKINS.

Witnesses:

OTIS REDDEN,

LOUIS W. SOUTHGATE.