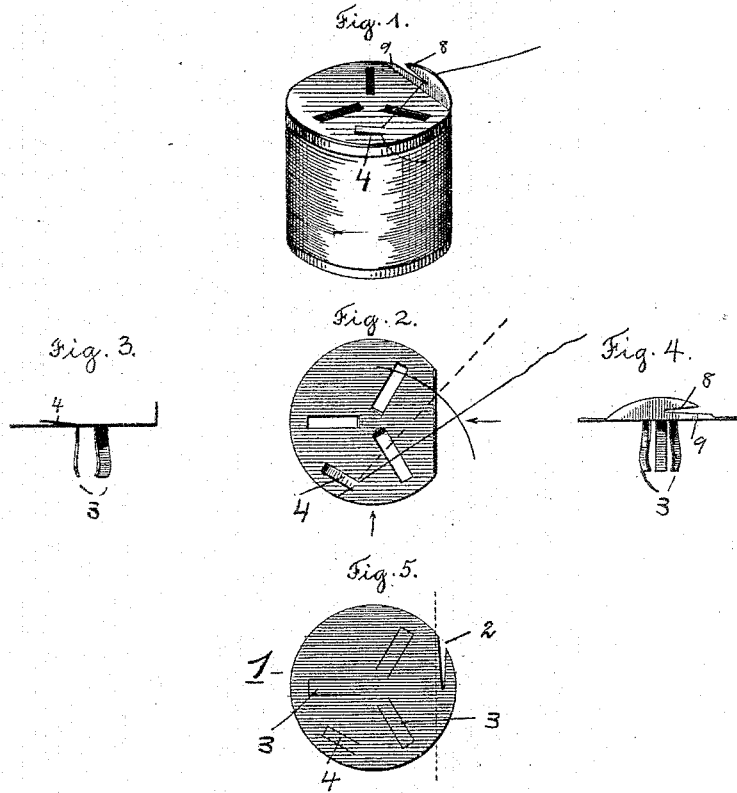


(No Model.)

E. C. JENKINS.
THREAD HOLDER AND CUTTER.

No. 491,260.

Patented Feb. 7, 1893.



Witnesses
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James J. Rafferty

Inventor
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UNITED STATES PATENT OFFICE.

EBENEZER CURTIS JENKINS, OF SHREWSBURY, MASSACHUSETTS.

THREAD HOLDER AND CUTTER.

SPECIFICATION forming part of Letters Patent No. 491,260, dated February 7, 1893.

Application filed February 27, 1892. Serial No. 422,966. (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 by which the end of the thread of a spool may be held, and cut off, as desired.

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 perspective view of a spool of thread with my device applied thereto. Fig. 2 is a top view of my device. Figs. 3 and 4 are elevations of the disk from different points. Fig. 5 is a view of the blank on which my device is made.

Referring now to the drawings and in detail, 1 represents a blank which may be made of sheet steel, brass, or any suitable material, and preferably is made circular, and of about the same diameter, or a little less, than the head of a spool to which the same is to be applied. The edge of the blank is notched, or cut, as at 2, and, also, stamped out of the central portion are three (more or less) spring arms referred to by the numeral 3, and a catch 4 is also upset from the surface. The edge of the blank that is notched or cut is bent up, as on the dotted line in Fig. 5 to form a bent-up lip, so that the complete article will have a lip in which there are two meeting, cutting edges, 8 and 9 above the disk. The arms 3 are bent down, as shown in Figs. 3 and 4 to form spring arms that are adapted to hold the device to the spool, and which will act to hold the device firmly in place on the head of the spool. Further, it will be seen that the cutting edges are protected, and that the hand can never come in contact with the same. Also, it will be seen that my entire device is stamped or cut out of a circular piece of metal, preferably a circular blank, whereby the same may be cheaply and economically made. After the device has been placed on the spool, and after a suf-

ficient length of thread has been unwound, the thread is caught in upon the catch 4, and is pulled sharply into the notch 2. This will cut or break the thread in the cutter, and the broken thread will remain in the cutter, and thus the end of the thread will be held both by the notch and the catch 4. Further, it will be seen that the thread, as the same is being cut, will revolve around the catch 4, as a center, and that the cutting edges 8 and 9 are placed so as not to be concentric with the catch 4 whereby the thread, as the same is drawn along the cutting edges, will be cut or frayed for a considerable portion of its length before it is finally severed, so that the strands of the thread will be cut at different points whereby the end of the thread will be pointed, and may be easily threaded into the eye of a needle. This is an important point in practice, because if the thread were squarely cut, it would afterward have to be pointed before the same could be threaded into the eye of a needle.

The special features of my invention are not limited to use in connection with a spool of thread, as the same may be used and adapted to any location where it is desired to cut a thread, and especially in all locations, as on a sewing machine, where it is desired to give the thread a fraying cut.

The device, of course, may be modified and 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. A thread cutter and holder comprising a disk having a portion of its periphery turned up, a slit formed in its upturned portion whereby two meeting cutting edges 8 and 9 are formed, which cutting edges are adapted to hold the end of the thread after the same has been cut off, and means whereby the disk may be fastened to a spool, substantially as described.

2. A thread holder and cutter comprising a disk, having a portion of its periphery upturned, and having a slit formed in its upturned portion, whereby cutting edges are

formed, a catch 4 struck up from said disk, said catch and cutter being adapted to hold the thread, and means for fastening said disk to a spool, substantially as described.

5 3. A thread cutter and holder comprising a disk, having a portion of its periphery upturned, and having a slit formed in said upturned portion, whereby cutting edges are formed, a catch 4 struck out from said disk,
10 and spring arms 3 cut out and bent down

from said disk, whereby the disk may be attached to the spool, substantially as described.

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

EBENEZER CURTIS JENKINS.

Witnesses:

HERBERT MCINTOSH,

LOUIS W. SOUTHGATE.