

(No Model.)

E. C. JENKINS.
SPOOL HOLDER.

No. 491,261.

Patented Feb. 7, 1893.

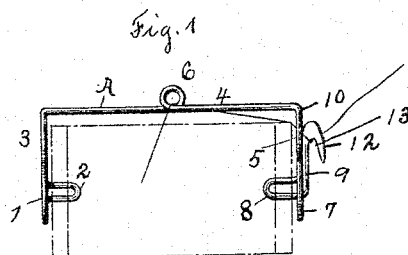
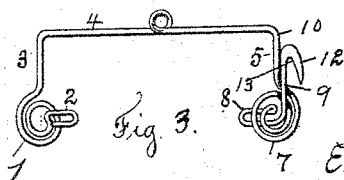
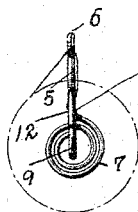


Fig. 2.



Witnesses
Chas. F. Schuyler
Herbert W. Smith

Inventor
E. C. Jenkins
By his Attorney
Louis W. Southgate

UNITED STATES PATENT OFFICE.

EBENEZER CURTIS JENKINS, OF SHREWSBURY, MASSACHUSETTS.

SPOOL-HOLDER.

SPECIFICATION forming part of Letters Patent No. 491,261, dated February 7, 1893.

Application filed March 3, 1892. Serial No. 423,563. (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 new and improved device for holding a spool of thread while the thread is being unwound from the same, and which, also, shall have a neat and efficient cutter and holder for the end of 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 my improved attachment applied to a spool of thread, the latter being indicated in dotted lines, Fig. 2 is an end elevation of my improved device, and Fig. 3 is a perspective view.

Referring to the drawings, and in detail, it will be seen that the device is formed of one piece of wire A. The wire is bent at one end to form a coil or convolution, as 1, and extending in from the same is formed a loop 2 which is adapted to enter the hole in the end of the spool. The wire is then bent around as at 3, 4 and 5 to form a frame for the spool, and in the portion 4 is formed the eye or loop 6 through which the end of the thread is passed. The portion 5 of the wire is bent around to form a coil 7 and a loop 8, similar to the coil 1 and loop 2 of the other end of the device. The end of the wire is then carried out, as at 9, along the portion 5 of the wire, but not quite to the portion 4, so that the arm 9 of the portion 5 will form a catch that is adapted to hold the end of the thread, and also, so that a shoulder 10 will be left on the portion 5, whereby the thread will easily enter and be guided into the catch. The end of the wire is then bent sharply back, as at 12, and this bend, or portion 12 of the wire is made flat, so as to have a sharp cutting edge 13. It will thus be seen that my device is made of

one piece of wire, and is very inexpensive to manufacture.

The operation is apparent. The loops 2 and 8 may be snapped in the end of the spool. The device is now held in the fingers, and the thread pulled. This will cause the thread to unwind, and the spool to revolve on loops 2 and 8 as bearings. Now, when a sufficient quantity of thread is unwound, the thread is caught on shoulder 10, and thus pulled into the catch and then by a circular motion is brought into the cutter, and cut off by a sharp pull. This can be done very quickly, and leaves the end of the thread fast with a small portion projecting so that this end may be grasped to pull the thread out of the catch.

It will be seen that my device can be made of any shape and size desired to fit any spool, and that the same is capable of modification 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 spool holder comprising a wire frame consisting of the transverse bar 4, the end bars terminating in coils, said coils having spool journals, and the portions 9 and 12 forming with one of the end bars as 5, a catch between the end bar 5 and the portion 9, and a cutter between the portion 9 and 12, substantially as described.

2. A spool holder comprising a wire frame consisting of the transverse bar 4, the end bars 3 and 5 terminating in coils, said coils having spool journals, and the loops 9 and 12 bent back on the portion 5, a guiding shoulder as 10 on the portion 5, and a cutting edge as 13 formed between the portions 9 and 12, 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.