

J. W. KLEMM,
 THREAD CUTTER.
 APPLICATION FILED MAY 20, 1909.

932,788.

Patented Aug. 31, 1909.

FIG. 1.

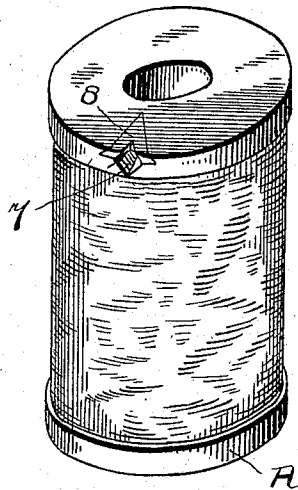


FIG. 2.

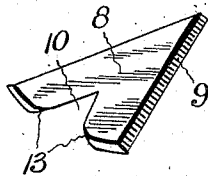


FIG. 3.

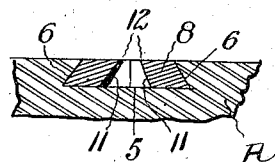


FIG. 4.

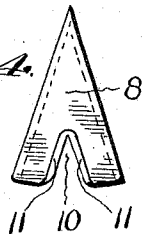
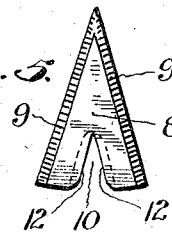


FIG. 5.



WITNESSES

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THREAD-CUTTER.

932,788.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN W. KLEMM, citizen of the United States, residing at Mena, in the county of Polk and State of Arkansas, have invented certain new and useful Improvements in Thread-Cutters, of which the following is a specification.

My invention relates to thread cutters, and more particularly to a simple and inexpensive thread cutter for attachment and combination with, a spool adapted to hold cotton, silk, and other thread.

In the accompanying drawing, which illustrates my invention, and forms a part of this specification, Figure 1 is a perspective view of a spool provided with my improved thread cutter. Fig. 2 is a plan view in perspective, of my improved thread cutter, removed. Fig. 3 is a fragmentary sectional view of a portion of a spool and through the thread cutter located therein. Fig. 4 is a bottom plan view of my improved thread cutter removed, and, Fig. 5 is a top plan view thereof.

In accordance with my invention, I provide one of the end surfaces of a spool A, holding cotton, silk, or other thread, with a V-shape slot 5, tapering inwardly from its peripheral edge, and provided with under-cut side edges 6. I may also provide the circular edge of the respective end of the spool with a relatively small notch 7, at the center of slot 5.

The cutter comprises a V-shape plate 8 having tapering side edges 9, constructed in the same degree as the under-cut edges of slot 5, to interfit therewith, said tapering edges being provided with roughened surfaces whereby to positively engage with the side edges of said slot, and prevent dislodgment of the plate. The cutter plate 8 is further provided with a V-shape slot tapering inwardly from its outer butt end and also provided with under-cut edges 11, providing cutting edges 12 at the upper surface of the plate, the said under-cut edges 11 having a taper substantially equal to and rendering the same substantially parallel with the outer tapering edges 6 of the plate 8 as will be seen by reference to Fig. 3. Thus, I provide a thread cutter which may

be manufactured and inserted in connection with a spool of thread at a very small cost, and which will greatly enhance the market value-of, and create a great demand for the particular spools with which it is used.

It will be noted that the top and end surfaces of the cutting plate, when inserted as described, within the spool slot, extend flush with the respective surfaces of the spool, and that the edges of the plate at the outer ends of its slot 10, are rounded, both of which facts tend to prevent the fingers from being cut in handling the spool.

Having fully described my invention, I claim:

1. In combination with a spool having a V-shape slot in one of its end surfaces, and tapering inwardly from its respective peripheral edge and having under-cut side edges, of a cutter plate for insertion within said slot, of V-shape provided with beveled edges to engage the under-cut edges of the slot, and also provided with a V-shape slot tapering inwardly from its butt end, and provided with under-cut edges whereby to form cutting edges at the upper surface of the plate, substantially as described.

2. In combination with a spool, provided with a V-shape slot in one of its end surfaces, tapering inwardly from its respective peripheral edge, and having under-cut side edges, a cutter plate for insertion within said slot, of V-shape, provided with tapering side edges having roughened surfaces to positively engage the said under-cut edges of said slot, and prevent dislodgment of the plate, said plate being further provided with a central V-shaped cut out portion tapering inwardly from its butt end, and provided with under-cut edges whereby to form cutting edges at the upper surface of the plate, said plate further having rounded corners at the outer end of its said slot, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN W. KLEMM.

Witnesses:

JAMES L. CRAWFORD,
C. L. VARLSON.