

J. H. KEATING
 TWINE CUTTER.
 APPLICATION FILED JAN. 15, 1909.

941,995.

Patented Nov. 30, 1909.

Fig. 1.

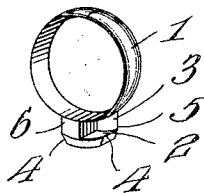


Fig. 2.

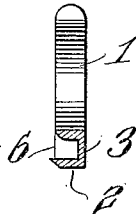
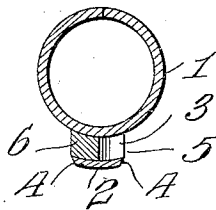


Fig. 3.



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UNITED STATES PATENT OFFICE.

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TWINE-CUTTER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JAMES H. KEATING, a citizen of the United States, residing at Lismore, in the county of Nobles and State of Minnesota, have invented new and useful Improvements in Twine-Cutters, of which the following is a specification.

This invention relates to twine cutters, the object of the invention being to provide a handy cutter formed in connection with and mounted upon a finger ring adapted to be worn upon the operator's finger, whereby the operator in tying bundles may quickly sever the cord at any desired point, the construction and arrangement of the cutting blade being such that it is readily accessible to the cord and adapted to frictionally grasp or hold the cord while being cut and yet at the same time out of the way so as not to injure the operator by reason of his hands or fingers coming in contact with the edge of the cutting blade.

A further object of the invention is to provide a cutter which may be used either upon the right or left hand of the operator and to combine therewith an adjustable brake which may be set for use in accordance with the requirements of the operator, whether he be right or left handed.

With the above and other objects in view, the invention consists in the novel construction, combination and arrangement of parts as herein fully described, illustrated and claimed.

In the accompanying drawings:—Figure 1 is a perspective view of a twine cutter embodying the present invention. Fig. 2 is a longitudinal section through the same, and Fig. 3 is a transverse section through the ring and its cutter.

Like reference numerals designate corresponding parts in all the figures of the drawings.

The twine cutter contemplated in this invention comprises essentially a ring 1 of suitable size to fit upon the index finger of the operator, either his right or left hand. Arranged outside of and beyond the periphery of the ring is a cutter embodying a cutting blade 2 and a back or web portion 3 which connects the blade to the ring, the combined blade and back or web being substantially L-shaped in cross section. The blade 2 is concentric with the ring, and the opposite ends of the blade are sharpened, as shown at 4, so as to receive and cut the

cord or twine placed against the same. The opposite ends of the back or web are also preferably sharpened, as shown at 5, so as to form auxiliary cutting edges. By reason of the construction described, an arcuate space or channel is left between the cutting blade and the outer periphery of the ring, and the cord or twine is drawn into said space and then across the edge of the blade in the act of severing such cord or twine.

Between the cutter and the ring is arranged a combined stop and brake 6 which is preferably composed of rubber so as to obtain a frictional hold or grip upon the cord as it is subjected to the action of the cutter to prevent the slipping of such cord. The brake or stop 6 is in the form of a small block which, by reason of its resiliency, is insertible between the blade 2 and the ring and adapted to be held by its own expansion in proper position. This combined brake and stop may be removed and shifted from one end of the cutting blade to the other, according to which edge of the cutter is desired for use, which may depend on whether the operator is right or left handed.

When the twine cutter is used by a right handed person it is placed upon the index finger of the right hand, and after tying a bundle the cord is grasped between the fingers of the left hand and carried between the cutter and the ring and then drawn across the edge of the cutter, whereby the cord or twine is instantly severed. By allowing the combined brake and stop to project slightly beyond one edge of the cutter, it acts as a guard for such edge and prevents injurious contact of the same with the hand or clothing of the operator. The ring is preferably divided or split, as shown at 7, to adapt it to fit fingers of different sizes.

Having thus described the invention what is claimed as new, is:—

1. A twine cutter comprising an annular band, a web projecting from one edge thereof, a blade projecting from the web and having a plurality of sharpened edges, and a resilient section adapted for removable insertion between said band and blade.

2. A twine cutter comprising an annular band, a web projecting from one edge thereof, a blade secured to the outer end of the web and projecting in a plane concentric with the band, the opposite ends of said blade being sharpened, and a resilient sec-

tion adapted to frictionally engage between the blade and band adjacent either of the cutting edges of the blade.

3. A twine cutter consisting of a finger
5 ring, a blade secured thereto and having duplicate cutting edges, and a resilient section adapted to be frictionally held between the ring and blade, said section being movable to permit its arrangement adjacent

either cutting edge at will to prevent the use of said edge for cutting purposes.

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

JAMES H. KEATING.

Witnesses:

HARRY HILL,
EMORY A. DUFF.