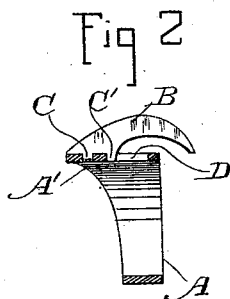
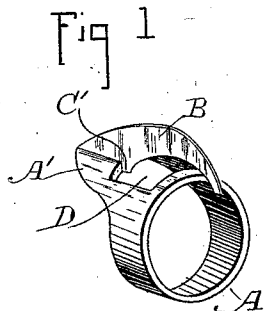


(No Model.)

J. WALLACE.
FINGER RING TWINE CUTTER.

No. 540,930.

Patented June 11, 1895.



Witnesses:

B. H. Morse
J. A. Bayless

Inventor,

James Wallace
By Dwyer & Co attys

UNITED STATES PATENT OFFICE.

JAMES WALLACE, OF OAKLAND, CALIFORNIA.

FINGER-RING TWINE-CUTTER.

SPECIFICATION forming part of Letters Patent No. 540,930, dated June 11, 1895.

Application filed February 1, 1895. Serial No. 537,001. (No model.)

To all whom it may concern:

Be it known that I, JAMES WALLACE, a citizen of the United States, residing in Oakland, county of Alameda, State of California, have
5 invented an Improvement in Finger-Ring Twine-Cutters; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to a convenient device for cutting twine.

It consists of the construction and arrangement of parts forming the improved finger ring and twine cutter, as I shall hereinafter fully describe and claim.

15 Referring to the accompanying drawings for a more complete explanation of my invention, Figure 1 is a perspective view of my device. Fig. 2 is a sectional view showing the manner of attaching the blade to the
20 ring.

A is a ring of such size as to fit the finger of the user. The body of the ring is made of sufficient width to clasp the finger firmly, and give it a good grip on the inside to prevent
25 its tilting when the knife or cutter is used. The top of the ring, which is adapted to lie upon the back of the finger, is extended rearwardly as shown at A' to form a support for the cutting blade. This blade B is curved or
30 arched as shown, the front end being rounded or blunt so as not to cut the finger where it approaches it. The rear end is formed with a tongue C which is adapted to fit a corresponding hole in the extension A', and a similar
35 projection C' at the rear of the inner cutting edge of the blade.

D is an opening made in the ring centrally beneath the cutting edge of the blade for the purpose of sharpening.

40 The inner concaved edge of the blade is made sufficiently sharp to cut any twine which may be drawn across it. This edge arches upward from the point or lug C' which is at the rear of the cutting edge, extending upward over the opening D and then extending
45 down beyond the front edge of the ring, the point being situated a little below the level of the top of the ring or approximately midway between the outer and inner periphery
50 of its thickness. Constructed in this manner, the ring is placed upon the index or other

convenient finger with the cutting blade bending forward.

The rearward extension A' which serves as an attachment for the blade B, also serves as
55 a support to hold the ring firmly and resist the pull upon the blade when the twine is to be cut.

The curvature and position of the blade are such that the twine introduced beneath the
60 point of the blade, is drawn backwardly over the concaved edge and will be easily cut, either in the front portion or rear of the cutting edge.

The opening D made in the ring is of considerable size, and serves to admit a sharpening device by which the blade can be always kept in good condition. This sharpening device may consist of an emery stick or other suitable material which can be thus
65 easily drawn across the edge of the blade to sharpen it whenever it becomes dull.
70

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

1. A twine cutting device consisting of a
75 ring adapted to fit the finger and having its rear side extended to form a broad bearing, and an arched blade extending approximately parallel with the ring having its rear end provided with projections adapted to be secured
80 to said extension and having the edge presented next to the outer circumference of the ring sharpened, said ring having an opening made in it centrally beneath the cutting edge
85 of the blade to admit a sharpening device.

2. A twine cutting device consisting of a ring adapted to fit the finger having a rearward extension upon the back and an opening made between said extension and the front edge of the ring, to receive a sharpening device, a concavo-convex blade, the rear
90 end of which is fixed to said rearward extension, the front end projecting over and beyond the front edge of the ring and having the inner concave sharpened edge in a plane
95 above the opening in the ring.

In witness whereof I have hereunto set my hand.

JAMES WALLACE.

Witnesses:

S. H. NOURSE,

JESSIE C. BRODIE.