

S. F. Mc Gowan,

Twine Cutter.

No. 87,954.

Patented Mar. 16. 1869.

Fig. 1.

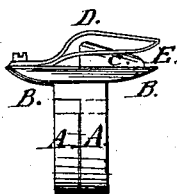
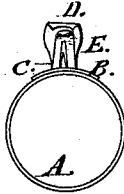


Fig. 2.



Witnesses:

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S. F. MCGOWN, OF NEW YORK, N. Y.

Letters Patent No. 87,954, dated March 16, 1869.

IMPROVEMENT IN TWINE-CUTTER.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, S. F. MCGOWN, of New York, in the county of New York, and State of New York, have invented a new and improved Thread and Twine-Cutter; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view of my improved instrument.

Figure 2 is a front view of the same.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved instrument for use as a thread-cutter for sewing-machine operators, and as a twine-cutter for those doing up packages, or for those performing other operations requiring the frequent use of a cutter; and

It consists in the instrument constructed as herein-after more fully described.

A is a ring, of such a size as to fit upon the thumb or finger, as may be most convenient for the particular purpose for which the instrument is to be used.

The lower part of the ring, or band A, may be made as shown in figs. 1 and 2, that is to say, made open, one part, or half of the ring being open upon one side, and the other half, or part open the other side, so that the ring, though free to expand, may always be continuous.

This construction I prefer, when the cutter is to be worn upon the thumb, for cutting twine, and other similar uses.

When worn upon the finger, as a thread-cutter, the ring A may be made in the form of a close band, or ring.

To the side of the ring A, is attached a plate, B, the inner side of which is concaved, to fit upon the thumb or finger of the wearer:

To the forward part of the outer, or convex side of the plate B is attached a knife, or cutter, C.

D is a guard-plate, the rear end of which is attached to the rear part of the plate B, and which projects upward and forward, as shown in fig. 1, so as to cover the knife C, and prevent anything from coming accidentally in contact with said knife.

The guard D should be detachably secured to the plate B with a screw, or other convenient means, so that it may be readily removed, when desired, for convenience in sharpening the knife C.

E is a spring, the rear end of which is attached to the guard D, or to the plate B, and which projects along the knife C, to keep the thing to be cut close down upon the knife C.

The spring E may be slotted, to allow the knife C to pass through it, or it may be so formed as to project along the side of the said knife.

In this case the knife-edge should be bevelled only upon the opposite side from the spring E.

When thus constructed, the instrument may be used with advantage for cutting paper, cloth, leather, &c.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

The thread and twine-cutter herein described, consisting of the ring A, plate B, knife C, slotted spring E, and guard D, the two latter being removable, the whole combined and arranged in the manner and for the purpose specified.

The above specification of my invention signed by me, this 2d day of February, 1869.

S. F. MCGOWN.

Witnesses:

ALEX. F. ROBERTS,
JAMES T. GRAHAM.