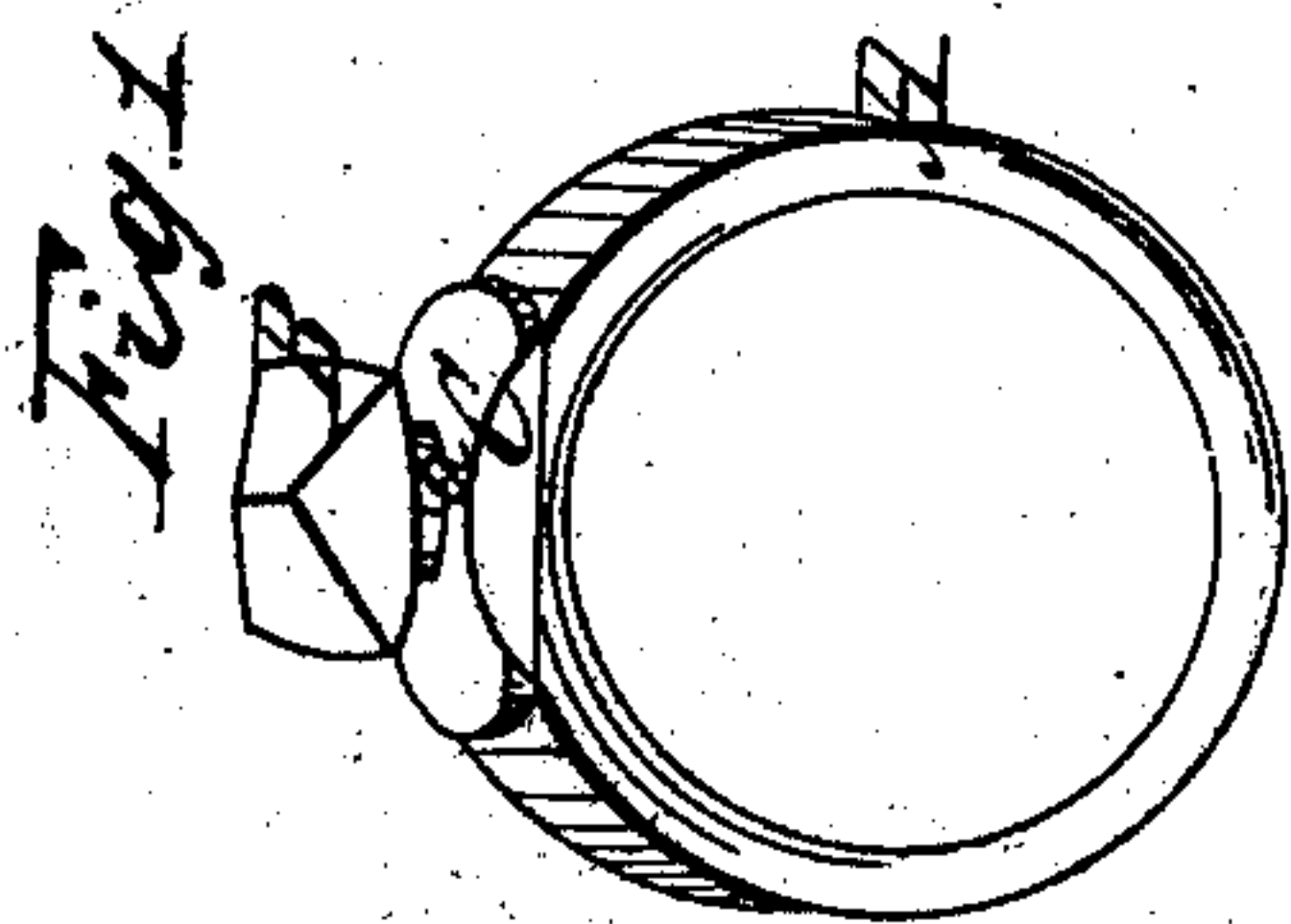
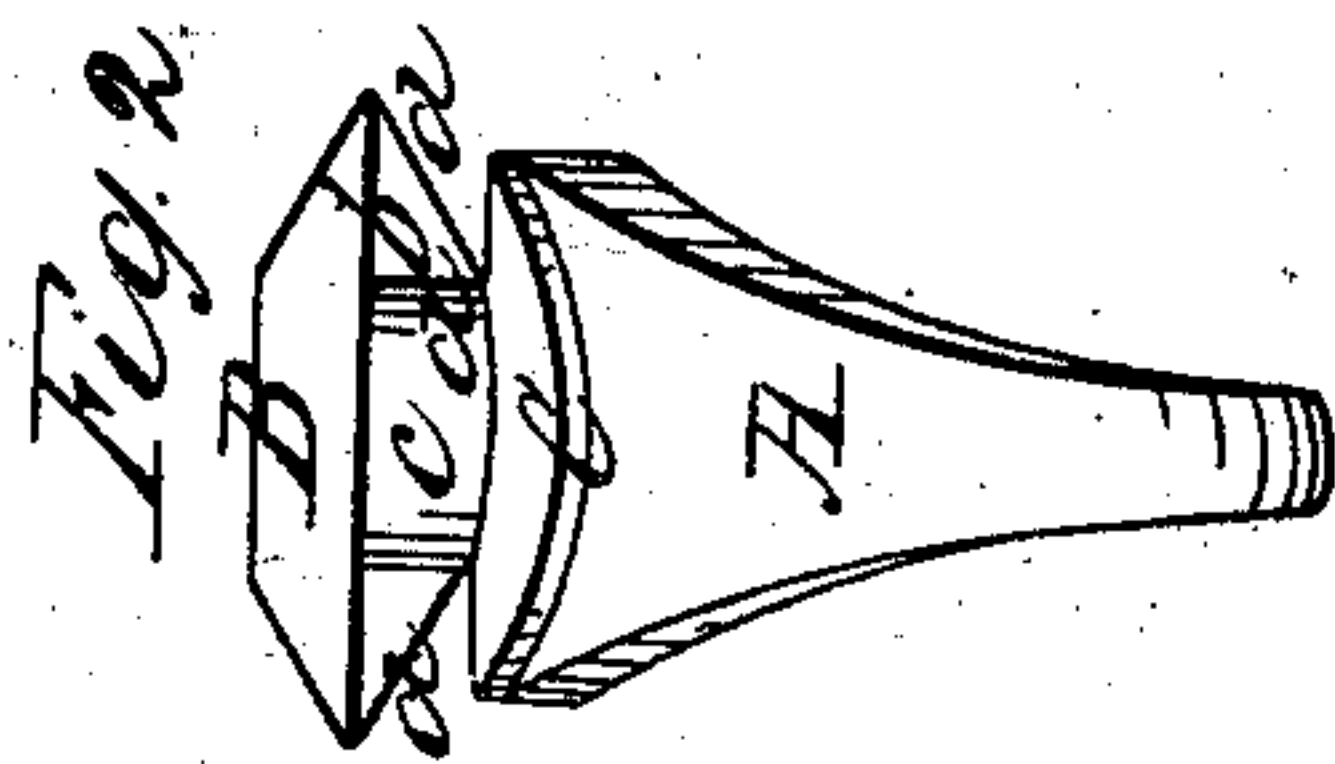
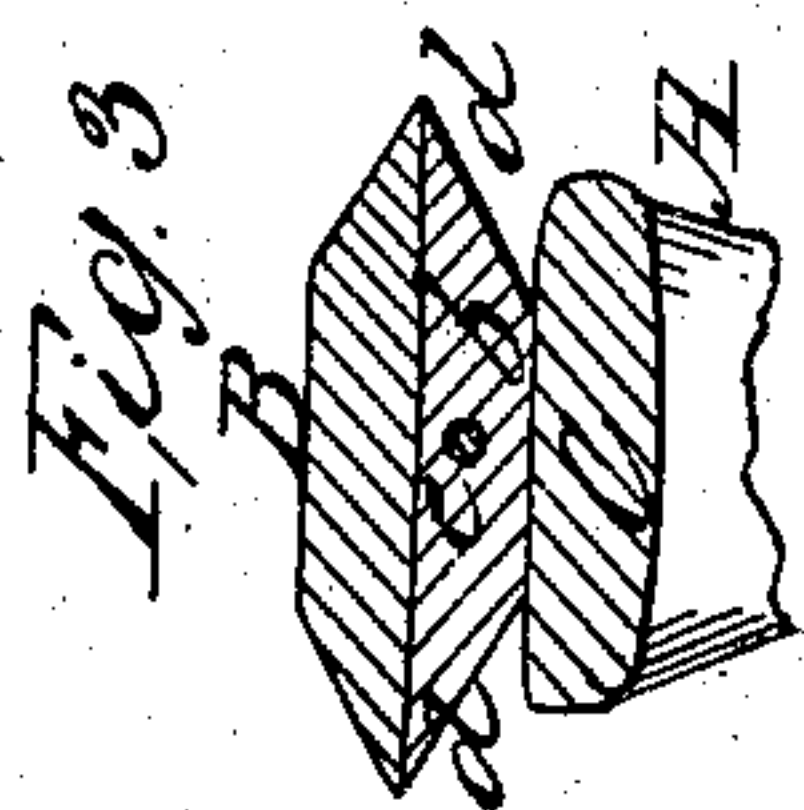


C. B. & W. A. Jr. Long,
Trine Cutter.
N^o 80,553. Patented Aug. 4, 1868.



Witnesses
Thos. W. Dodge
D. L. Miller

Inventors.
Charles B. Long
Wm. A. Jr. Long

United States Patent Office.

CHARLES B. LONG AND WILLIAM A. N. LONG, OF WORCESTER, MASSACHUSETTS.

Letters Patent No. 80,553, dated August 4, 1868.

IMPROVEMENT IN KNIFE-RING.

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

KNOW ALL MEN BY THESE PRESENTS:

That we, CHARLES B. LONG and WILLIAM A. N. LONG, both of the city and county of Worcester, and Commonwealth of Massachusetts, have invented certain new and useful Improvements in Rings; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 represents a perspective view of our improved ring.

Figure 2 represents a side view, and

Figure 3 represents a vertical section through the upper part of the ring.

To enable those skilled in the art to which our invention belongs to make and use the same, we will proceed to describe it more in detail.

The object of our present invention is the production of a combination-ring, of peculiar construction, and which shall serve not only as an ornament, but as a convenient cutter for cutting off threads used in sewing, tying up of packages, and for other similar purposes.

In the drawings, the ring part A is shown with a neck, *a*, having a cap, B. The neck *a* has a slit or opening made through it for the reception of the peculiarly-shaped knife or cutter *b*.

The under side of cap B, together with the upper part C of the ring part A, is slightly channelled or cut out on a line with the slit in the neck *a*, whereby the knife or cutter *b*, when it is slipped into place in the slit or opening in the neck *a*, is supported at the top in the slit in the cap B, and at the bottom in the slit in the part C of the ring.

The cutter or knife *b* is retained in place or position by a rivet, *c*, as fully indicated in the drawings.

The cap B may be made in any desired form, and it may be mounted with a stone or diamond if preferred.

The cutter or knife *b* is made with inclined edges *d d*, which are to be sharpened. The knife or cutter *b* can be tempered and sharpened before it is slipped into place, and when dulled by long use, can be quickly removed for sharpening. As no soldering is required in securing the knife, the danger and liability of drawing the temper by such an operation are entirely obviated.

The knife or cutter *b* is so secured by the cap B as scarcely to be noticed except on close inspection.

By drawing the thread or twine against either of the inclined edges *d*, it is quickly cut or severed.

It is unnecessary for us to particularize the utility and great convenience of our invention, especially in stores and packing-rooms, since the advantages will be apparent to all.

Having described our combination-ring, what we claim therein as new and of our invention, and desire to secure by Letters Patent, is—

The combination of the peculiar-shaped knife or cutter *b* with the slotted neck *a*, cap B, and part C of the ring, substantially as and for the purposes set forth.

CHARLES B. LONG,
WM. A. N. LONG.

Witnesses:

THOS. H. DODGE,
D. L. MILLER.