

(No Model.)

A. HOLM.

COMBINATION THREAD CUTTER AND HOLDER.

No. 581,862.

Patented May 4, 1897.

Fig. 1.

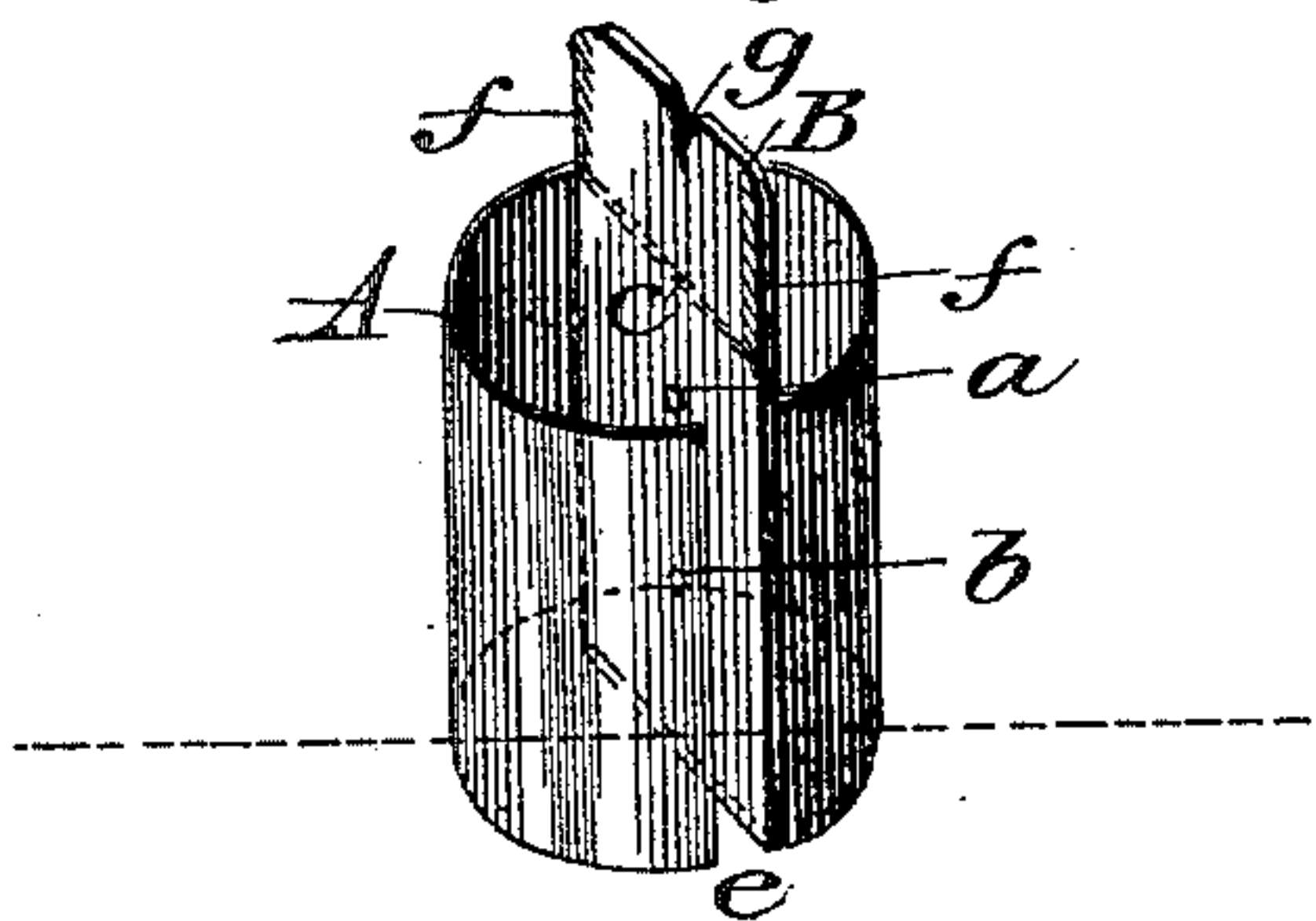


Fig. 2.

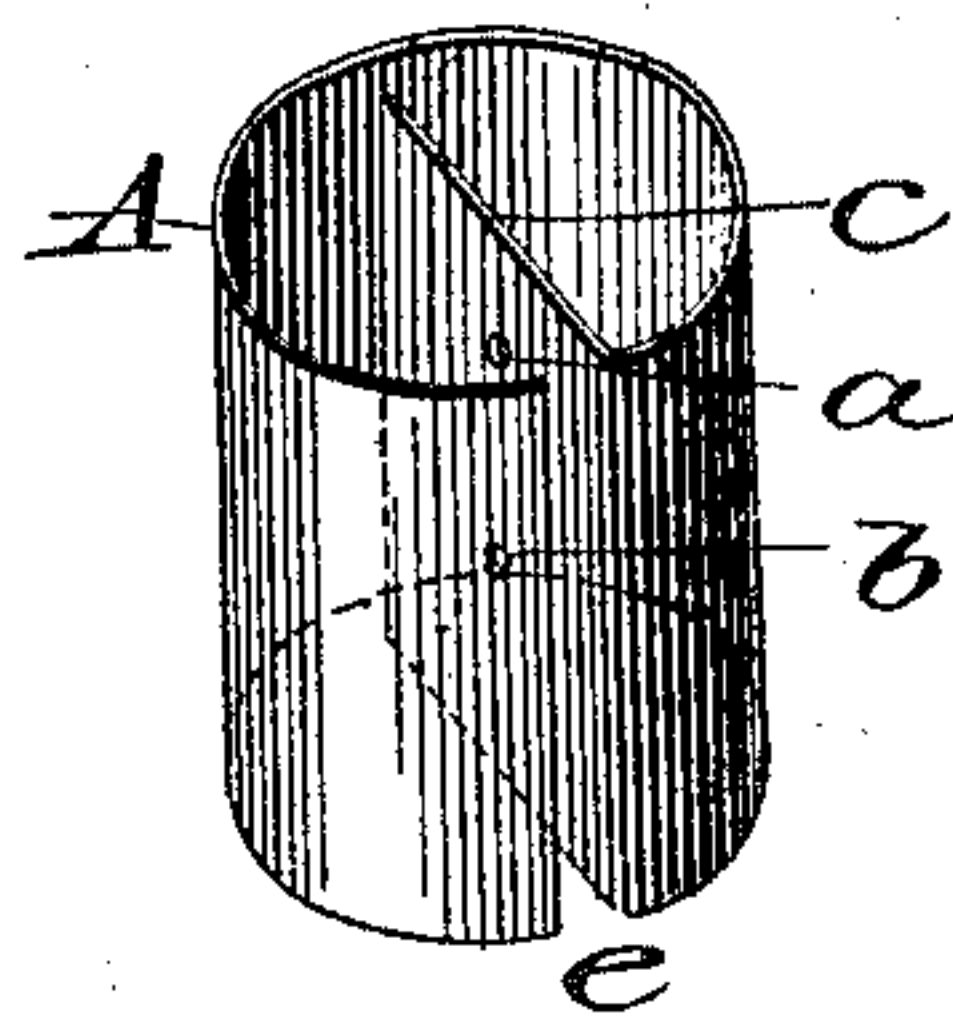
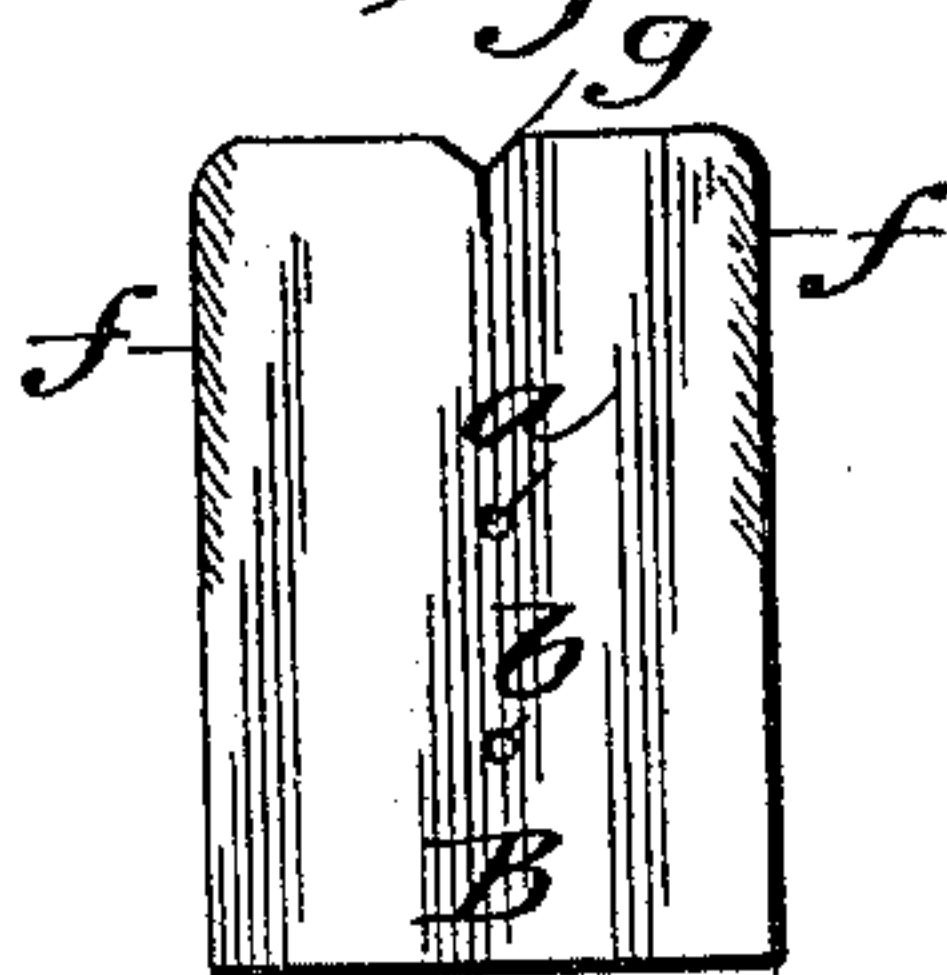


Fig. 3.



Witnesses.

Hub. Rader

Wm. O. Jones

Inventor.

Anna Holm.

UNITED STATES PATENT OFFICE.

ANNA HOLM, OF NEW YORK, N. Y.

COMBINATION THREAD CUTTER AND HOLDER.

SPECIFICATION forming part of Letters Patent No. 581,862, dated May 4, 1897.

Application filed July 22, 1896. Serial No. 600,145. (No model.)

To all whom it may concern:

Be it known that I, ANNA HOLM, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in a Combination Thread Cutter and Holder, to be adjusted to any spool of silk, linen, or cotton thread; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to use the same.

Heretofore thread has been either cut with the teeth, knife, or scissors, or more often torn with the hands. Biting off the thread is very injurious to the teeth, while tearing it with the hands is damaging to the cotton, linen, and especially silk thread, as it draws some strands tighter than others and in so doing knots it easily, and thus renders it unfit for use.

The object of my invention is to cut the thread clean and smooth and also to save time in looking for knife or scissors by having the cutter attached to the spool.

As the openings in all spools are of the same dimensions and as the frame of the cutter which enters the spool, being made of springy or flexible material, has a small open space left to allow it to be slightly compressed, it will easily fit any of them. By tearing the thread the end next the spool often sticks fast in the thread left on the spool or otherwise unrolls itself and gets entangled and thus wasted, to prevent which I have cut a slit in the center of the top of the cutter, by drawing the thread through which it is held firmly in position until again wanted. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a view in perspective of the entire device; Fig. 2, a perspective view of the frame with the steel cutter detached; Fig. 3, a vertical view of the steel cutter, showing the slit for holding the thread.

Similar letters refer to similar parts throughout the several views.

The whole device, Fig. 1, consists of two parts—the frame A and the cutter B, which is fastened to the frame by means of two rivets through holes *a* and *b*. The frame, Fig. 2, which may be manufactured from any metal, forms a tube which is to be inserted into the spool. One end of this piece of metal is bent diametrically through the tube, forming the support *c* for the cutter, having two holes drilled therein for reception of the rivets. A small space *e* is left in forming the tube to allow a slight compression of the same when inserted into the spool.

The cutter, Fig. 3, is manufactured out of one piece of steel, the edges of which are sharpened on the upper half *f*, the lower half having two holes drilled through corresponding with the holes *a* and *b* in the frame, Fig. 2. It also has a slit *g* for holding the thread remaining on the spool.

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

A thread holder and cutter, consisting of a band of spring metal, bent to form an expansible split cylinder, one end of said band being turned inwardly from said split into the cavity of the cylinder, and a cutter attached to the turned-in portion of said band.

ANNA HOLM.

Witnesses:

WM. C. RADER,
WM. O. JONES.