

(No Model.)

W. H. WHITE.

THREAD CUTTER AND ADDRESSING DEVICE FOR SPOOLS.

No. 587,414.

Patented Aug. 3, 1897.

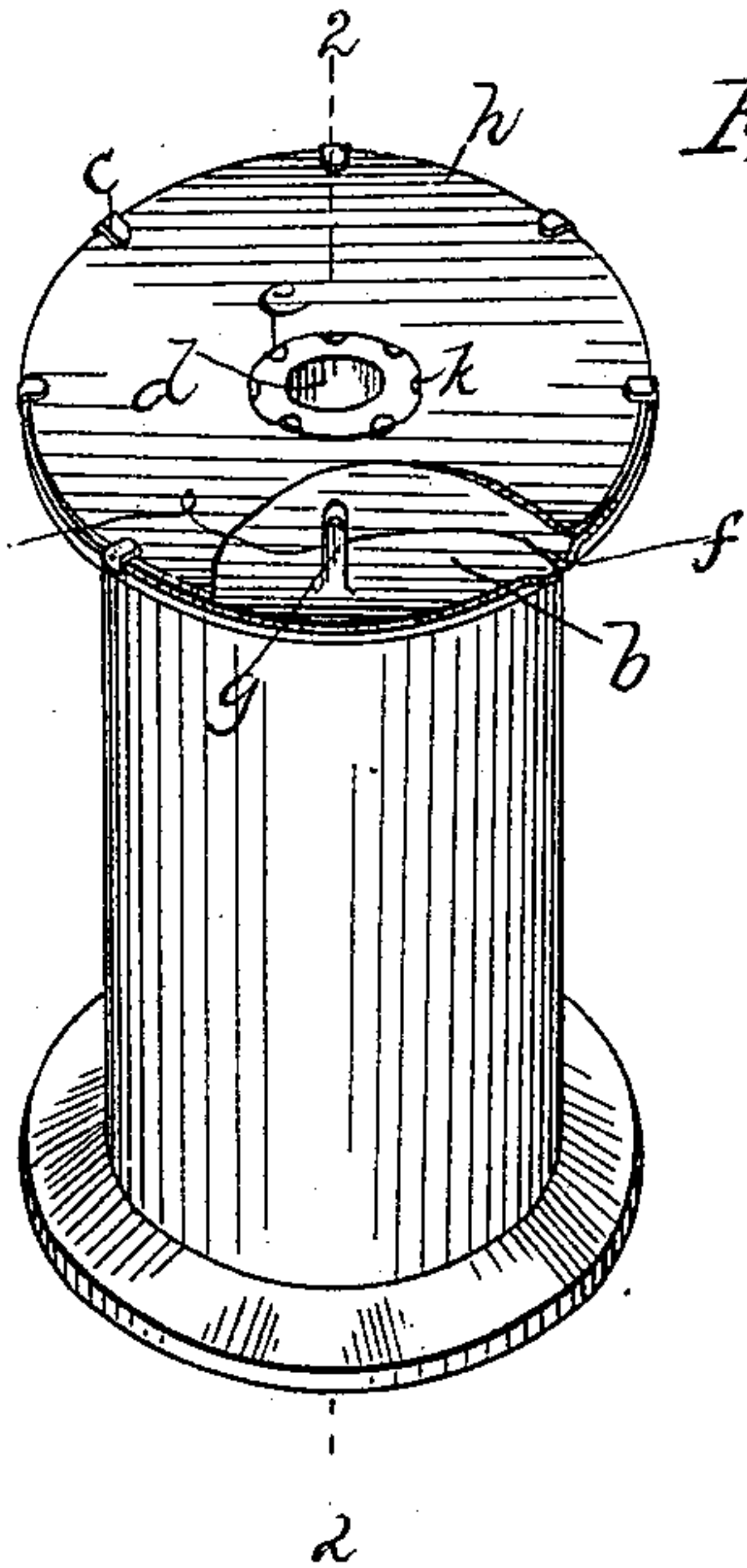


Fig. 1.

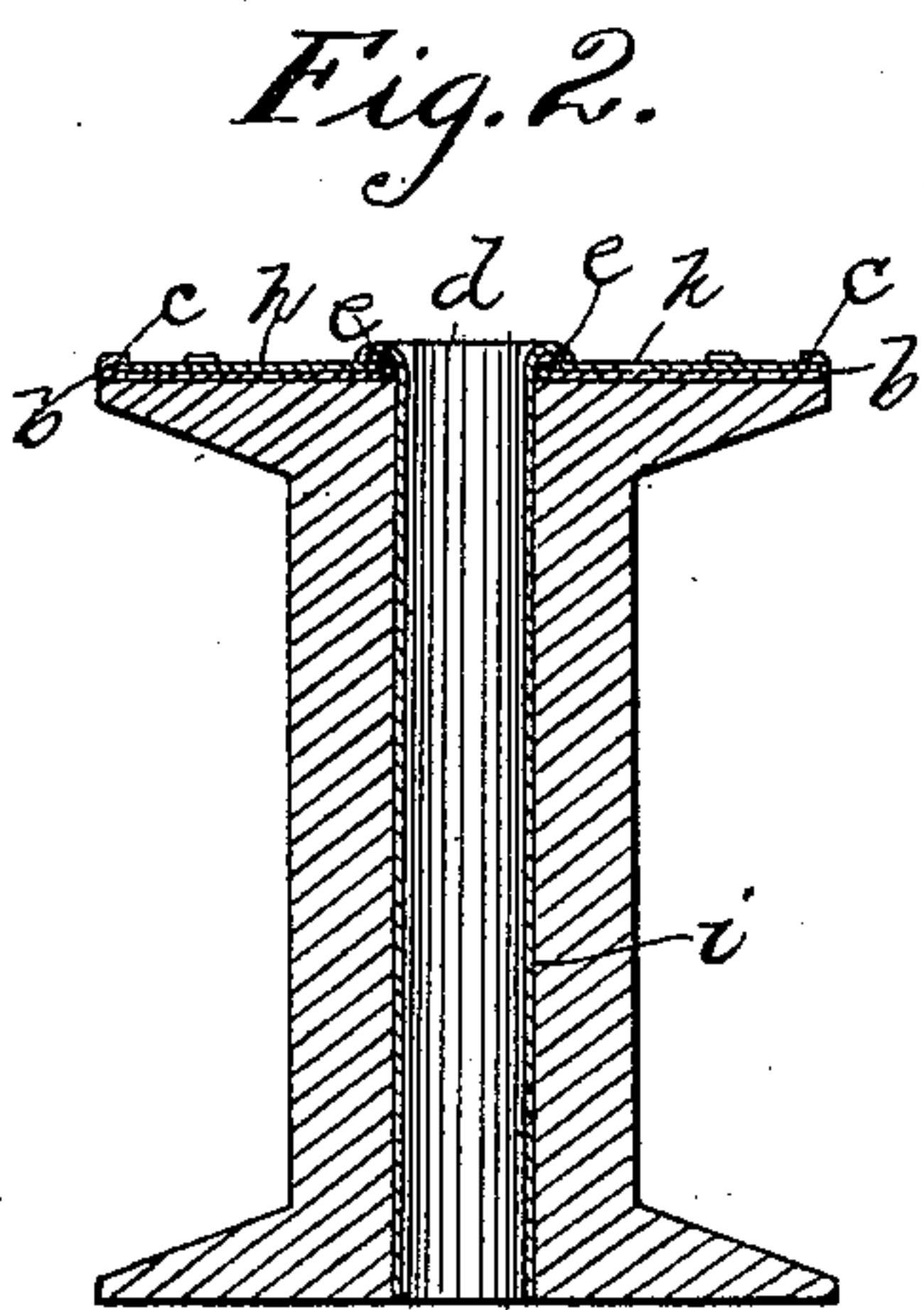


Fig. 2.

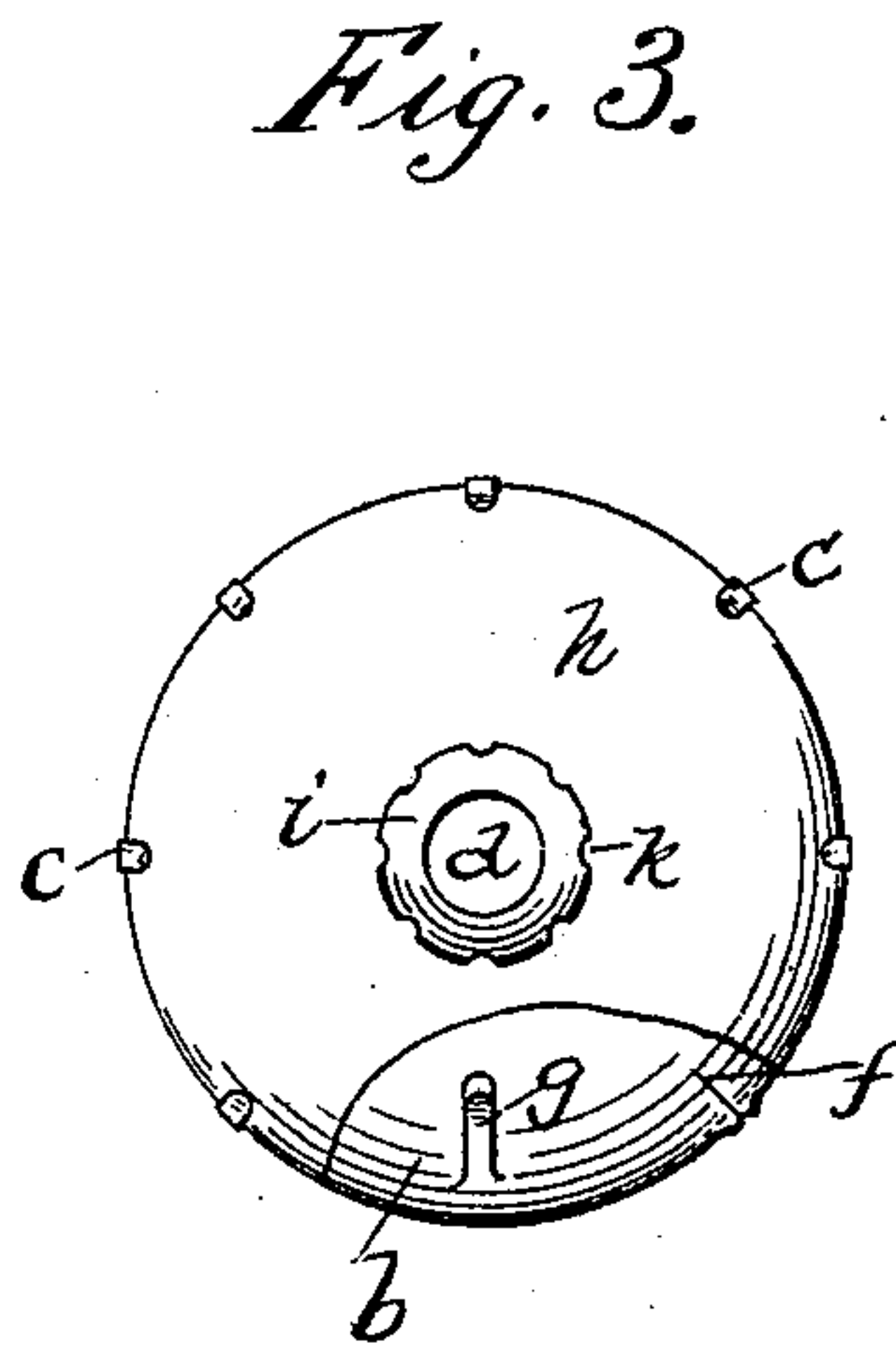
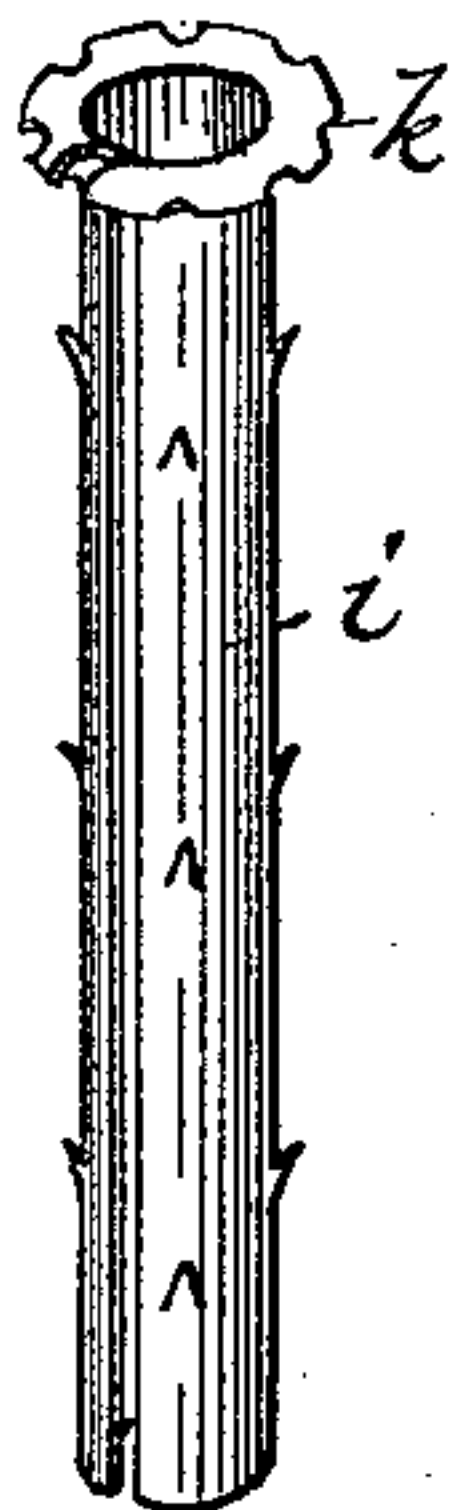


Fig. 3.

Fig. 4.



Witnesses.
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UNITED STATES PATENT OFFICE.

WILLIAM H. WHITE, OF HARROLD, SOUTH DAKOTA.

THREAD-CUTTER AND ADDRESSING DEVICE FOR SPOOLS.

SPECIFICATION forming part of Letters Patent No. 587,414, dated August 3, 1897.

Application filed January 12, 1897. Serial No. 618,922. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. WHITE, a citizen of the United States, residing at Harrold, in the county of Hughes, State of South Dakota, have invented certain new and useful Improvements in Thread-Cutters and Addressing Devices for Spools; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to spools in general, and more particularly to thread-cutters and addressing devices for spools—that is, spools provided with a combination of devices useful in connection with thread.

In the drawings forming a portion of this specification and in which like letters of reference indicate similar parts in the several views, Figure 1 is a perspective view of a spool provided with the attachment above referred to. Fig. 2 is a section on line 2 2 of Fig. 1, and Fig. 3 is a top view of the spool. Fig. 4 is a perspective view of the inner tubes employed by me.

Referring now to the drawings, in constructing a device in accordance with my invention I provide a metallic disk *b*, having clips *c* formed integral therewith at its periphery, said disk having a central perforation *d*, additional clips *e* being formed integral with the disk at the inner edge surrounding the perforation. A radial slot *f* is formed in the disk *b*, running from the edge toward the center, and forms a means for holding the end of the thread upon the spool when the disk is in place. On the upper surface of the disk *b* is formed also a thread-cutter *g*, consisting of a tongue struck up from the surface of the plate and having its edge sharpened, as will be readily understood. Held in place upon a portion of the upper face of the disk is a section *h* of a disk of paper or other desired material adapted to receive advertising or other matter, said section being held in place through the medium of the clips *c*, which are bent inwardly thereover, and the clips *e*, which are bent outwardly in a like manner. This paper covers all portions of the surface of the disk with the exception of that occupied by the thread-holder and

thread-cutter and the space therebetween. In practice this disk, with its accompanying elements, is placed upon one end of a spool and is held in place through the medium of an expansible spring-tube *i*, which is passed through the central perforation of a disk and into the bore of the spool, said tube having its outer end curled outwardly to lie upon the surface of the disk, notches *k* being formed in the curled portion to receive the clips *e*.

In putting the tube *i* in place it is compressed and is allowed to expand to frictionally engage the inner surface of the bore of the spool. The outer surface of the tube may be roughened, as shown, by having struck-up projections to engage the inner surface of the spool more tightly.

It will be readily understood that I may employ any desired material in the construction of my device without departing in any way from the spirit of my invention.

It will be readily understood that any desired form of advertising may be applied to the section *h* and that such advertising matter may be applied in any desired manner.

Having thus described my invention, what I claim is—

1. The combination with a spool of a metallic disk secured to one end thereof, said disk having a radial slot forming a thread-holder, a tongue struck up from the disk and having a sharpened edge, clips formed integral with the disk and a card secured to the disk through the medium of said clips.

2. The combination with a spool of a metallic disk having a central perforation and arranged at one end of the spool, clips at the inner and outer peripheries of the disk, a card held upon the disk through the medium of said clips, an expansible tube in frictional engagement with the inner surface of the spool and projecting therefrom through the perforations of the disk, the projecting end of said tube being turned outwardly to engage the surface of the disk, and recesses in said outturned portions adapted to receive the inner clips of the disk.

3. The combination with a spool of a metallic disk having a tongue struck up therefrom and provided with a sharpened edge, said disk being arranged at one end of the

spool and having a central perforation concentric with that of the spool, clips at the inner and outer peripheries of the disk, a card held upon the disk through the medium of
5 the clips, an expansible tube in frictional engagement with the inner surface of the spool and projecting therefrom through the perforation in the disk, the projecting end of said tube being turned outwardly to engage the

surface of the disk, and recesses in said out- 10
turned portions adapted to receive the inner
clips of the disk.

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

WILLIAM H. WHITE.

Witnesses:

G. C. BRIGGS,
JOHN PUSEY.