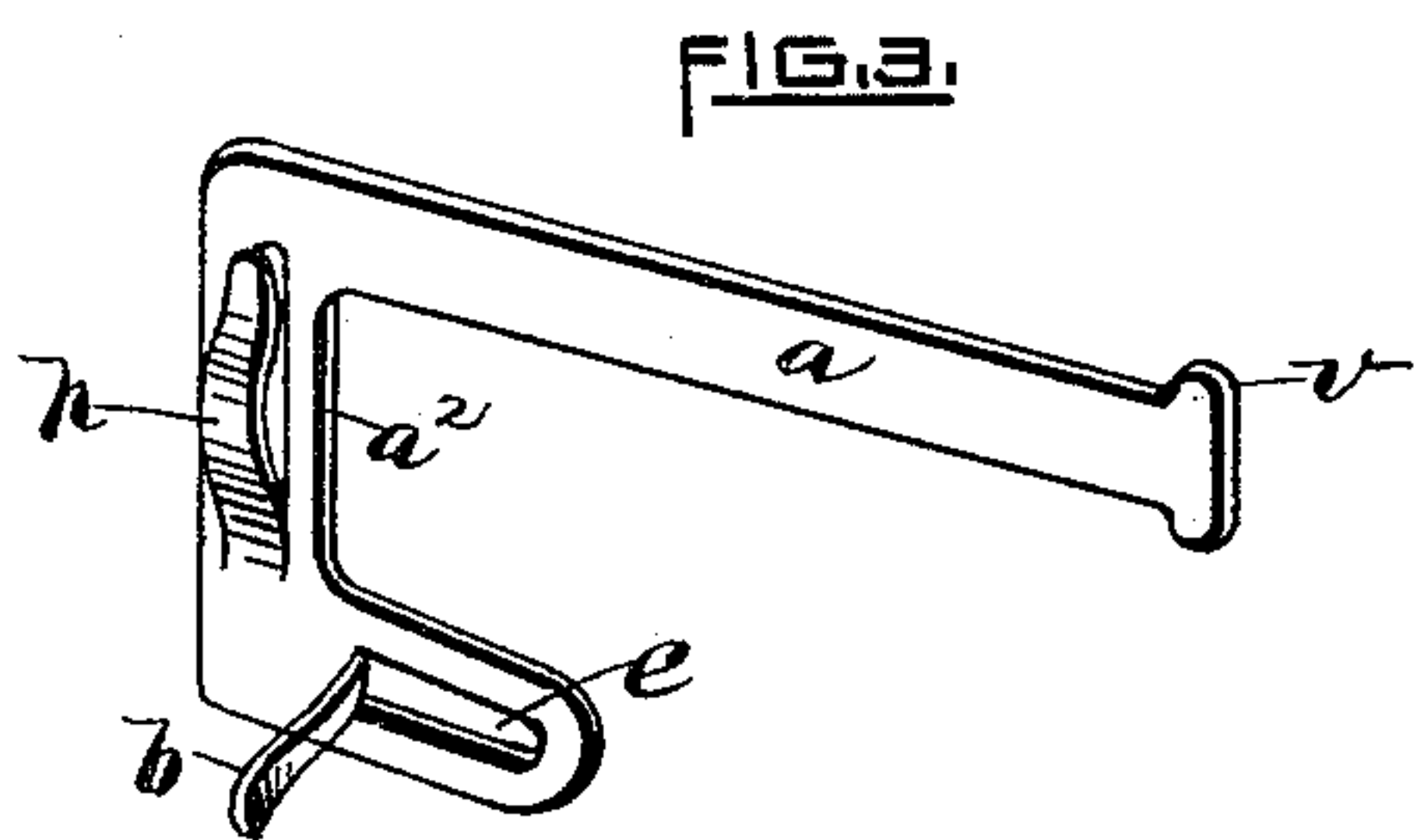
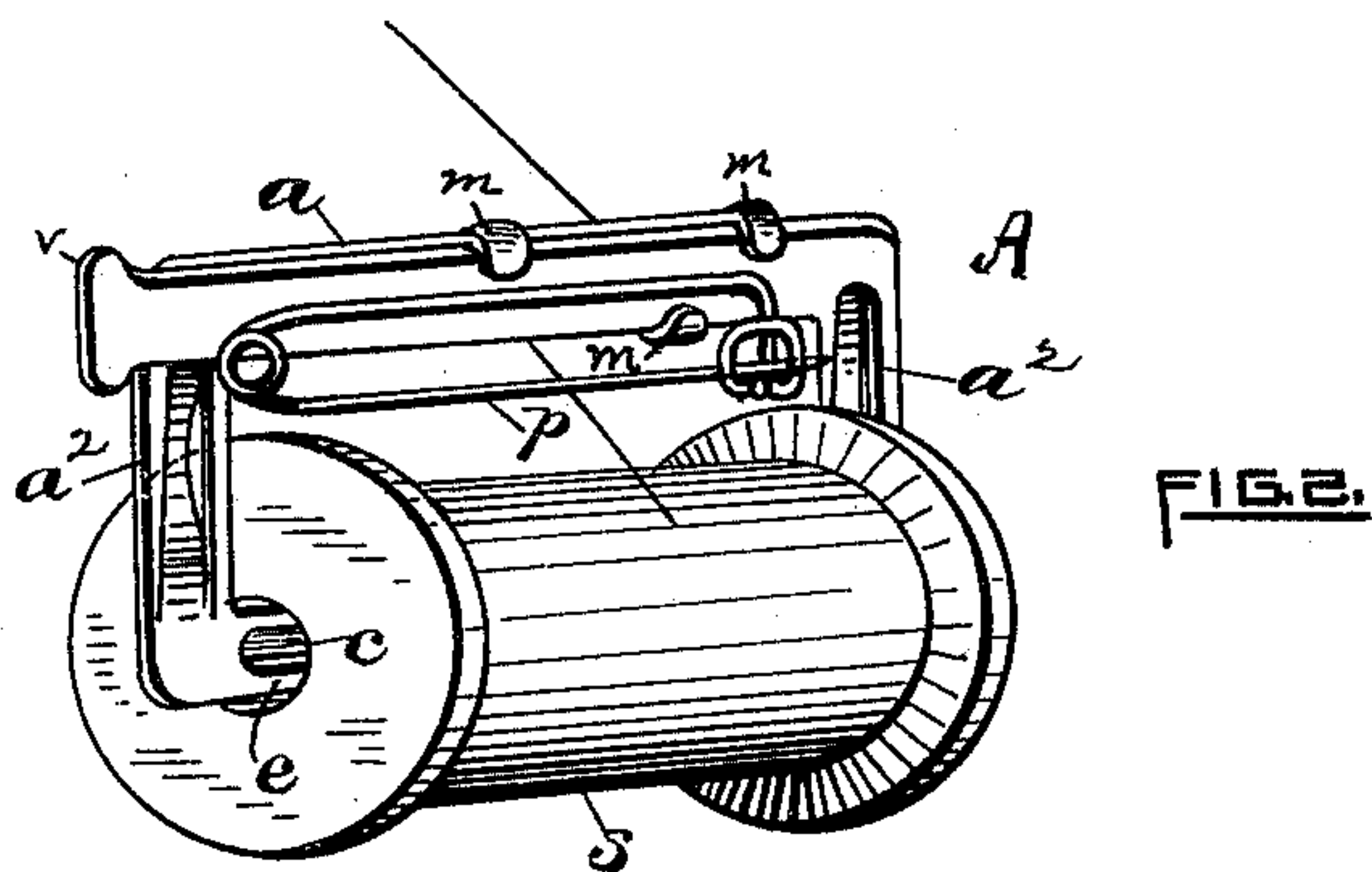
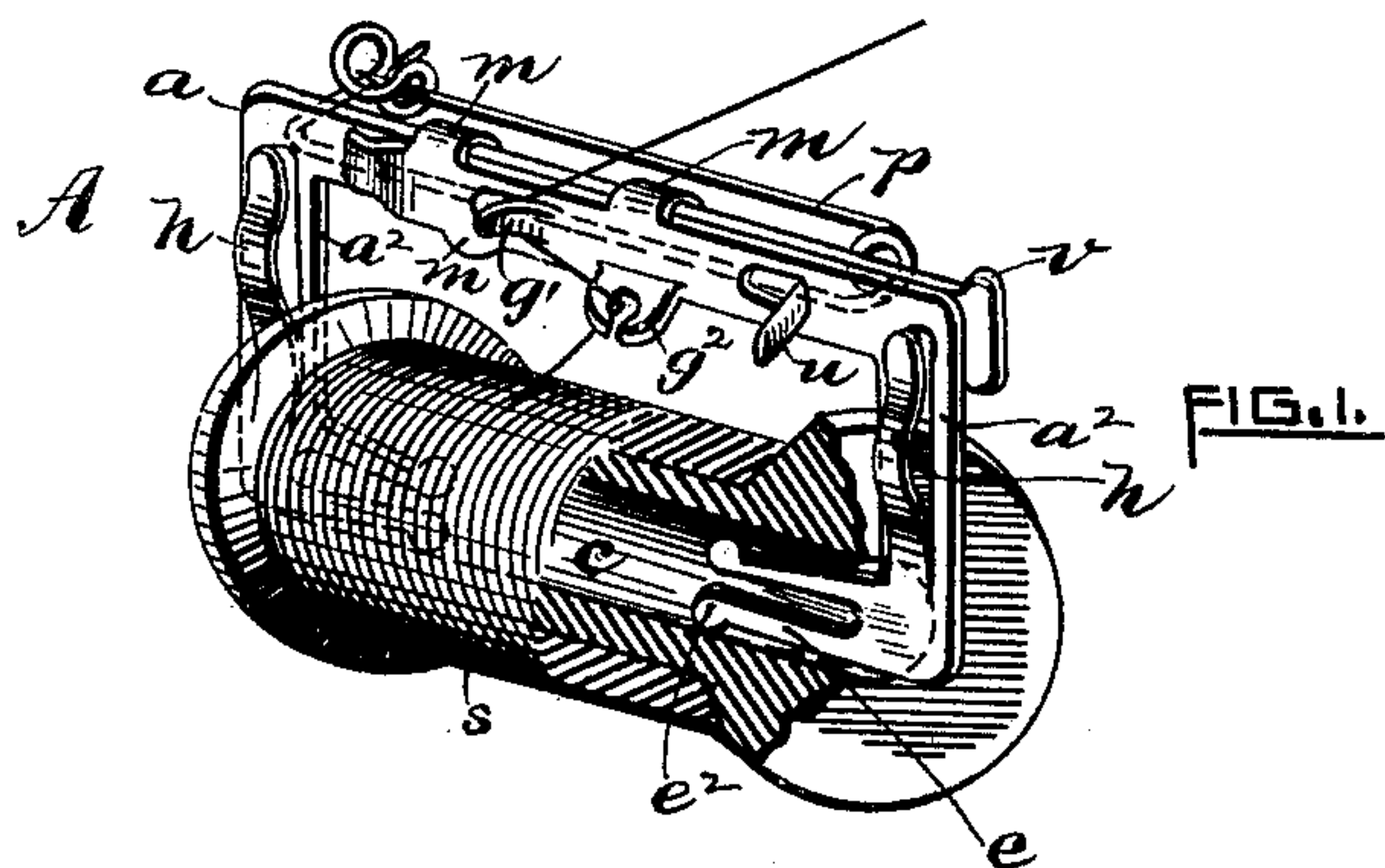


(No Model.)

A. W. SAWYER.
SPOOL HOLDER.

No. 410,699.

Patented Sept. 10, 1889.



WITNESSES.

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UNITED STATES PATENT OFFICE.

ANDREW W. SAWYER, OF PROVIDENCE, RHODE ISLAND.

SPOOL-HOLDER.

SPECIFICATION forming part of Letters Patent No. 410,699, dated September 10, 1889.

Application filed March 12, 1889. Serial No. 302,991. (No model.)

To all whom it may concern:

Be it known that I, ANDREW W. SAWYER, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Combined Spool-Holder and Thread-Cutter; 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, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

My present invention relates to articles especially adapted to be worn by ladies in sewing; and it consists, essentially, of a spool-holder provided with an attachable frame portion formed in two parts arranged to slide endwise one upon the other, spool-holding arms secured to the frame, and a thread guide and cutter secured to or forming a part of said frame, all as will be more fully hereinafter set forth and claimed.

The object I have in view is to provide ladies with a comparatively inexpensive device whereby a spool of silk or thread may be attached to the person in any convenient position for use, the device being readily adjusted to receive and frictionally hold spools of any usual size.

Another advantage of my invention is that an end of the thread connected with the spool is always left conveniently free after the preceding needleful has been severed.

In the accompanying sheet of drawings, Figure 1 represents a front perspective view of my improved spool-holder. Fig. 2 is a rear perspective view, and Fig. 3 is a detail view of a modified form of spool-supporting arm.

A more detailed description of my invention, including the manner of its construction and operation, is as follows:

A indicates the device as a whole ready for use.

a designates the sheet-metal frame portion, consisting of two parts, one sliding upon the other at the upper side. The lower portion or side of the frame is open and provided

with two spring-arms or trunnions e , upon which a spool s is mounted. The two vertical sides a^2 of the frame are incised or cut. The metal is forced therefrom and bent to form hooks h , which are utilized as holders for thimbles, &c. The lower end of each side a^2 is bent inwardly, thereby forming the right and left spool-supporting arms e . These arms are split or divided longitudinally, the outer or free ends being somewhat enlarged, as at e^2 , to frictionally engage the surface of the spool surrounding the central hole c . The upper side of the frame a is provided with a central thread-guide g^2 and a tension-guide g' , and also a cutter u for severing the thread after a needleful has been drawn from the spool. The said guides and cutter may be integral with the frame itself, or they may be secured thereto by rivets or in any well-known manner. It will be seen that one portion of the frame is provided at its upper and lower edges with a series of lugs or extensions which are bent rearwardly against the other piece of the frame, thereby forming guides m , to maintain the parts in proper relation to each other. The rear end of the back part of the frame is expanded slightly in a lateral direction, as at v , thus preventing it from being withdrawn from its fellow portion of the frame. To the back of the frame is secured a pin p or other equivalent device, by means of which the spool-holder may be attached to the wearer.

In lieu of the spring-arms e , (shown in Figs. 1 and 2,) they may be constructed as represented in Fig. 3, wherein the trunnion is provided with a supplemental arm b , bent at its outer or free end to frictionally engage the outer end or face of the spool.

In preparing to use the holder A the frame is first sufficiently separated to receive the spool upon its spring-arms or trunnions e . The frame is then closed and the free end of the thread passed through the central guide, and thence into the tension-guide, and the whole attached to the wearer by means of the pin p . Whenever a piece of the thread is required, the wearer simply seizes the free end and draws the desired amount from the spool and severs it by means of the cutter u .

I do not broadly claim as my invention an attachable spool-holder provided with a thread-guide; but

What I do claim is—

- 5 1. The combination of the two-part frame portion sliding one upon the other, an attaching-pin secured to the back of said frame, a thread guide and cutter, and oppositely-arranged inwardly-extending divided arms *e*,
10 having the free ends thereof arranged to enter and frictionally engage the interior of a spool, substantially as shown and described.

2. The spool-holder hereinbefore described, consisting of the attachable frame portion

formed of two pieces sliding endwise one 15 upon the other, oppositely-arranged spool-holding arms secured to the lower side of said frame, a thread guide and cutter secured to the upper portion of the frame, and hooks *h* at the vertical sides, substantially as shown, 20 and for the purpose set forth.

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

ANDREW W. SAWYER.

Witnesses:

CHARLES HANNIGAN,
GEO. H. REMINGTON.