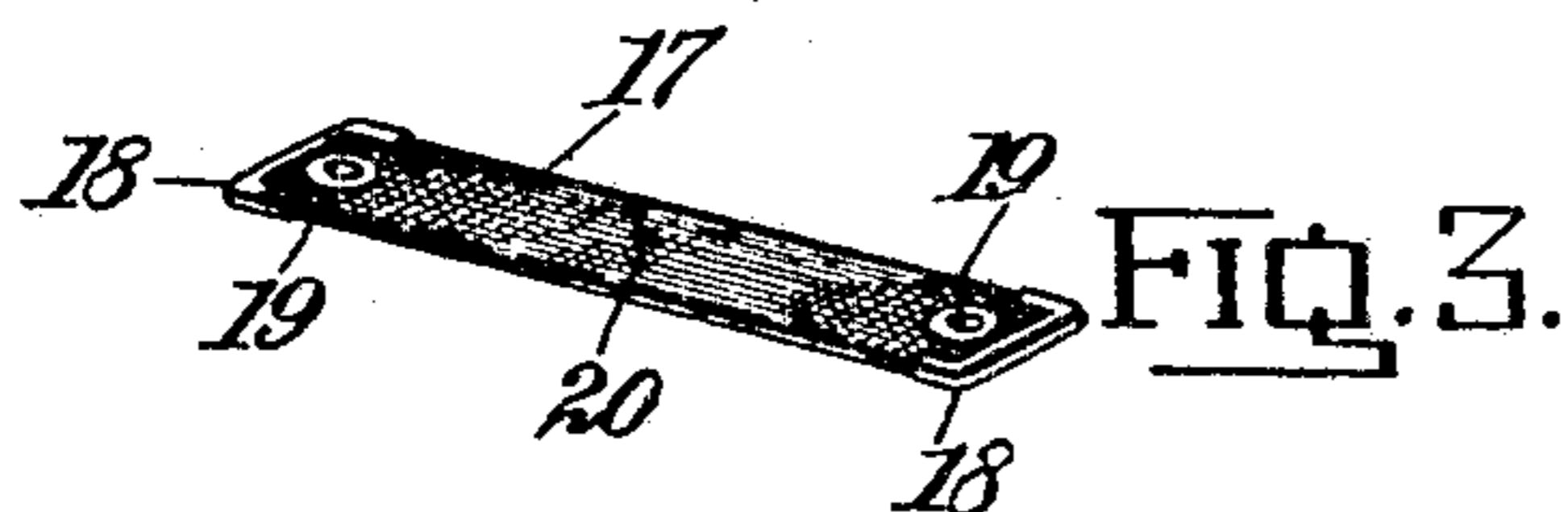
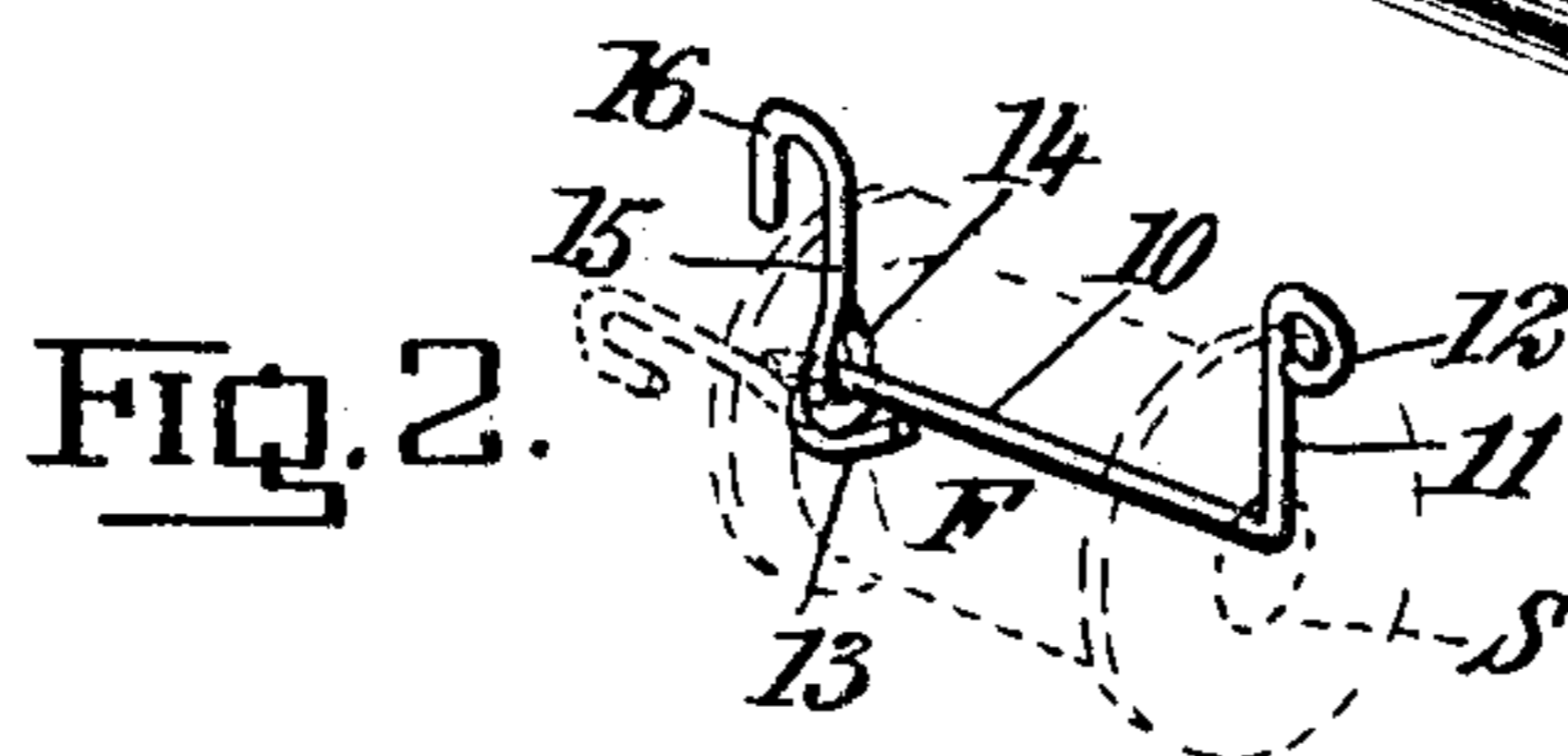
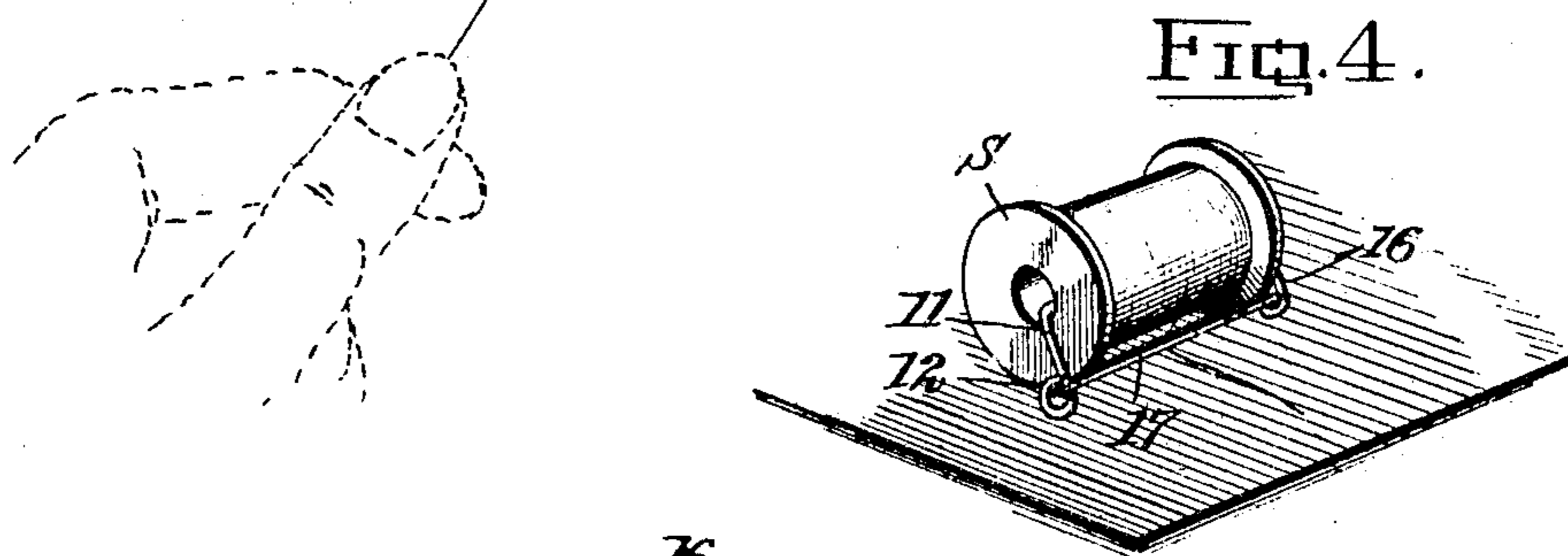
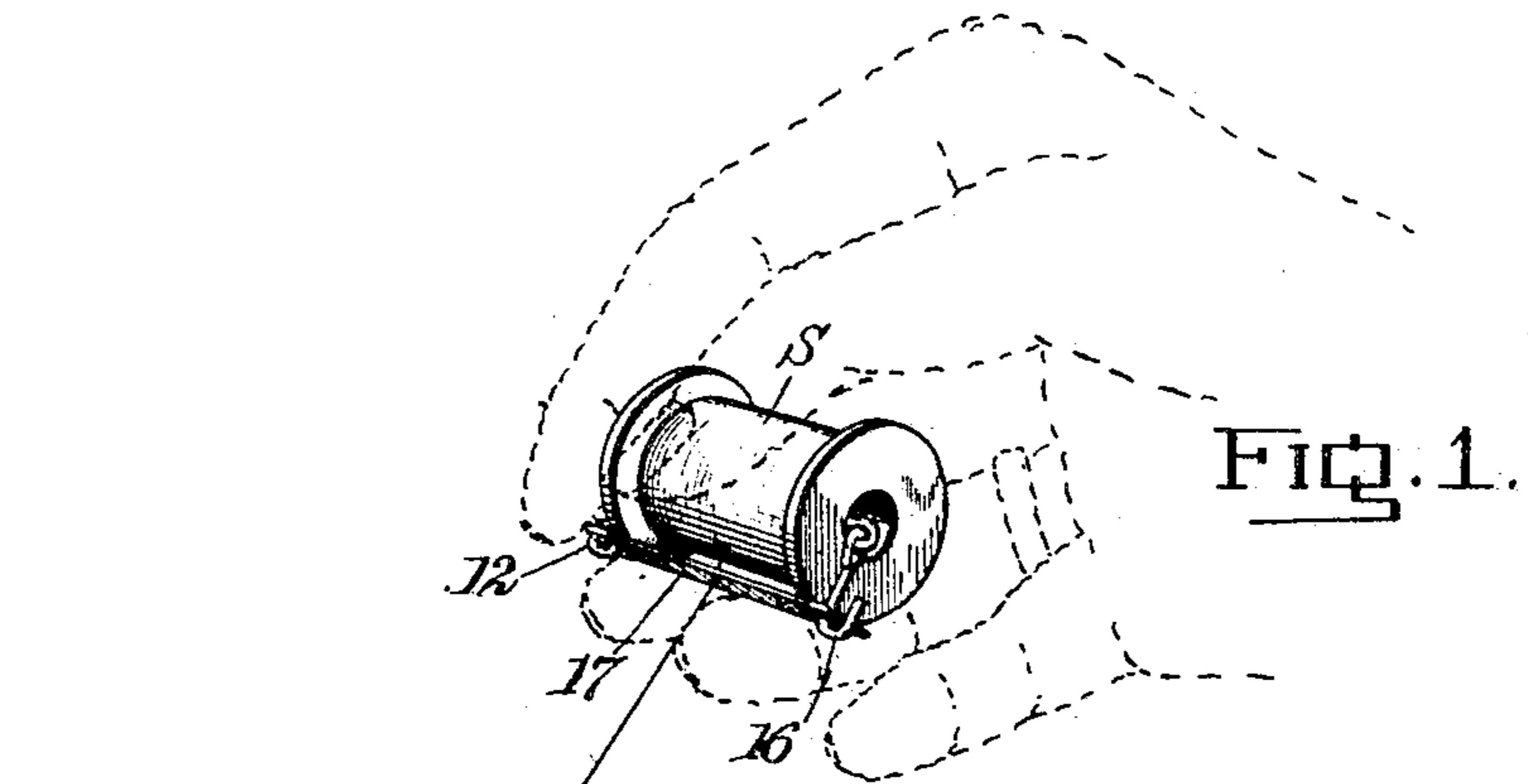


No. 775,219.

PATENTED NOV. 15, 1904.

F. G. HENDRYX.
SPOOL ATTACHMENT.
APPLICATION FILED FEB. 19, 1904.

NO MODEL.



WITNESSES:

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INVENTOR

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BY *Mum*

ATTORNEYS

UNITED STATES PATENT OFFICE.

FANNY GALT HENDRYX, OF SPRINGFIELD, OHIO.

SPOOL ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 775,219, dated November 15, 1904.

Application filed February 19, 1904. Serial No. 194,358. (No model.)

To all whom it may concern:

Be it known that I, FANNY GALT HENDRYX, a citizen of the United States, and a resident of Springfield, in the county of Clark and State of Ohio, have invented a new and Improved Spool Attachment, of which the following is a full, clear, and exact description.

My invention relates to attachments for spools, having for its principal objects the prevention of waste of thread and the furnishing of means for retaining the spool against rolling upon surfaces on which it may be placed.

It consists in the various features and combinations hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of one embodiment of my invention in place upon its cooperating spool and indicating the position in which it is held in withdrawing the thread. Fig. 2 is a similar view of the frame portion, showing its relation to the spool, the latter being in dotted lines. Fig. 3 is a perspective view of the connecting member, and Fig. 4 a perspective view of the spool and attachment placed upon a plane surface.

F designates a frame which, as here illustrated, is constructed of wire, having at 10 a main or central member, which is bent at one end into an arm or side member 11, at the end of which arm is formed an eye or retaining member 12. At the opposite end of the central member from this arm is an eye 13, which coacts with or engages an eye 14, formed in the end of an arm 15, also of wire. The outer end of this pivoted arm is bent to form a hook 16.

In applying the attachment to the spool S the pivoted arm permits the central member to be introduced into the usual longitudinal opening in the spool, whereupon this arm 15 may be brought up at the end, so that its hook and the eye of the other arm lie beyond the periphery of the spool. They are then joined by a flexible connecting member, here shown as a longitudinally-extensible or elastic band 17, the ends of which may be protected by

caps 18 18, near each of which is an opening conveniently reinforced by an eye 19, through which the eye 12 and the hook 16 pass. Between the ends of this elastic member, here shown as at about the center thereof, is a small opening 20, through which the end of the thread upon the spool may be drawn. When it is desired to reel thread from the spool, the latter may be held in the left hand, with two fingers pressed upon the elastic member at each side of its central opening, and the thread pulled off with the right hand. If too much is withdrawn, it may be readily rewound by holding the band slightly out from the spool with the left hand and turning said spool with the right hand.

It will be seen that the attachment acts as an efficient check to the reeling off of the thread, the tension of the elastic band drawing the arms into contact with the ends of the spool, so that when the tension ceases the movement immediately stops and that if the spool is loose, as in a work-basket, the thread cannot be accidentally unwound. It also serves, as particularly illustrated in Fig. 4, to obviate the troublesome rolling of spools when they are placed upon such a surface as a table or dropped upon the floor, the contact of the ends of the arms therewith preventing this.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination with a central frame member, of a side member fixed to one end thereof, a second side member pivoted at the opposite end, and a strip of elastic material joining the side members near their outer extremities.

2. The combination with a wire forming a central and a side frame member, each of which is provided with an eye, of an independent side member having an eye engaging that of the central frame member and having at its opposite end a hook, and an elastic member provided with eyes for engagement with the hook and the eye of the side members.

3. The combination with a wire forming a central and a side frame member, each of which is provided with an eye, of an independent side member having an eye engaging that of

the central frame member and having at its opposite end a hook, and an elastic member provided with eyes for engagement with the hook and the eye of the side members, and an
5 intermediate opening.

4. The combination with a spool having the usual longitudinal opening, of a frame comprising a central member extending through
10 periphery of the spool, one of said arms being pivotally connected to the central member, and an elastic member joining the arms outside the spool.

5. The combination with a spool having the

usual longitudinal opening, of a frame extending through said opening and projecting beyond the periphery of the spool, and an elastic member joining the members of the frame outside the spool and serving to draw them into contact therewith and provided with an
20 opening between its ends.

In witness whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FANNY GALT HENDRYX.

Witnesses:

H. S. KISSELL,

ALICE K. HELLWIG.