

J. E. FARRELL.
 THREAD HOLDER AND CUTTER.
 APPLICATION FILED DEC. 13, 1911.

1,050,118.

Patented Jan. 14, 1913.

Fig. 1.

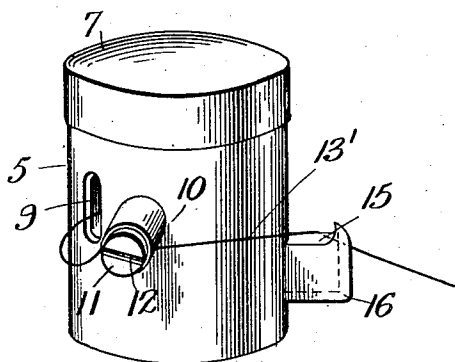


Fig. 2.

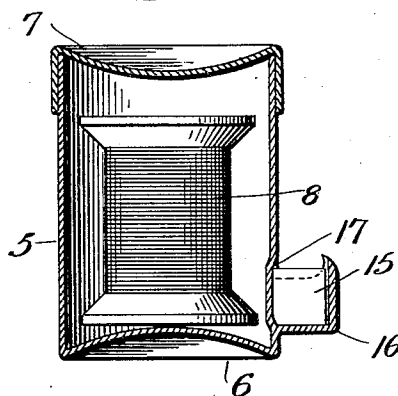
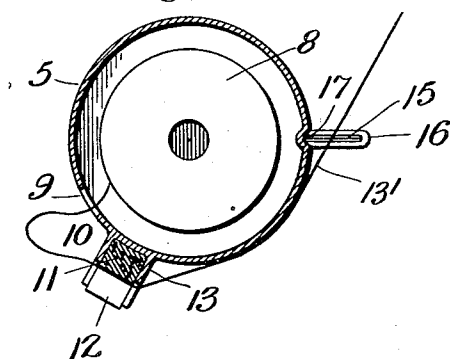


Fig. 3.



WITNESSES
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THREAD HOLDER AND CUTTER.

1,050,118.

Specification of Letters Patent.

Patented Jan. 14, 1913.

Application filed December 13, 1911. Serial No. 665,444.

To all whom it may concern:

Be it known that I, JAMES E. FARRELL, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented new and useful Improvements in Thread Holders and Cutters, of which the following is a specification.

This invention relates to thread holders and cutters, and is especially adapted for use by tailors, seamstresses and others who have need for the use of thread which may be wound on a spool or made up in a ball.

The device comprises a box with concave ends to hold the thread which passes out of a perforation, and through frictional means attached to one side of the box and to a cutter, the frictional means being adapted to hold the thread tight while it is being passed over the knife to cut off a portion of the desired length.

These and other objects and details are more fully described in the following specification, set forth in the claim and illustrated in the drawings, wherein:

Figure 1 is a perspective view of the spool holder. Fig. 2 is a vertical sectional view. Fig. 3 is a cross-sectional view.

The holder consists of a box 5, preferably of sheet metal, with a convex bottom 6, and top or cap 7 also concaved, so that in holding the box, it may be grasped by the thumb and index finger at each end, so that when the strain is put upon the thread, the box may be firmly held.

Within the box may be deposited a spool of thread 8, or a ball or any other form, or arrangement of thread which may be used, the end of which passes through the opening 9, and through a frictional device 10 consisting of a block 11 of cork, rubber or similar material having a slot 12 in its front end, through which the thread 13 passes. The block 11 is held within the receptacle 10 which is also slotted on each side at 14, so that the thread may be forced into the slot 12 and moved therethrough.

After passing through the device 10, the

thread passes around the side of the box and over the knife 15, which is held within the frame 16, one side of the knife fitting in an indent 17 in the side of the box, so that there is no danger of the thread working down between the knife and the box, and becoming wedged therein. The cork or rubber 11 offers sufficient friction to hold the thread tight, and when the desired length has been drawn out of the box, the thread is now passed across the knife 15 and cut off, leaving a sufficient portion extending beyond the friction means to again grasp the thread to draw out another supply.

The use of such a device prevents the thread from unraveling, as is often the case when a spool or ball is used without any protector as herein provided, and a ready means is afforded for cutting the thread from the spool while using the same, and it is obvious that the details of the invention may be otherwise arranged or modified without departing from the essential features above described.

The point at the upper end of the case 16 acts as a protector for the knife and for the fingers of the operators. It also prevents the thread from slipping off the blade while being cut.

What I claim as new and desire to secure by Letters Patent is:

In a thread holder, the combination with a perforated box adapted to carry a ball or spool of thread and having convex ends, of a slotted receptacle on the out side of the box, a slotted block within the receptacle for the passage of the thread, and adapted to retard its movement, a casing at one side of the box and a knife fitting within the casing, and a groove within that side of the box.

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

JAMES EDWARD FARRELL.

Witnesses:

JAMES F. DUHAMEL,
THEO. H. FRIEND, Jr.