(No Model.)

A. M. YEAKEL.

SPOOL HOLDER.

No. 572,043. Patented Nov. 24, 1896.

Fig. 1.

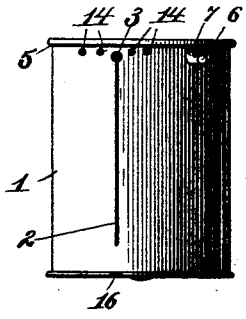


Fig. 2.

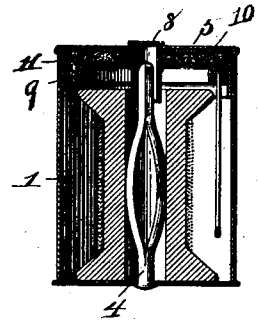


Fig. 3.

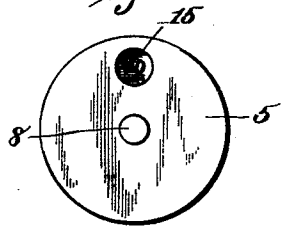
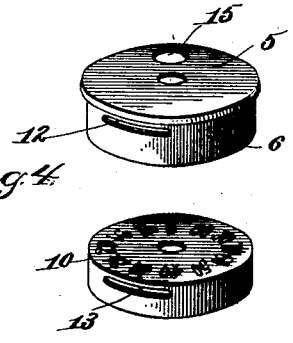


Fig. 4.



Witnesses
E. C. Burdeman
S. H. Williamson

Inventor
Abraham M. Yeakel
by Geo. H. Holgate
Attorney

UNITED STATES PATENT OFFICE.

ABRAHAM M. YEAKEL, OF PERKASIE, PENNSYLVANIA.

SPOOL-HOLDER.

SPECIFICATION forming part of Letters Patent No. 572,043, dated November 24, 1896.

Application filed March 24, 1896. Serial No. 584,680. (No model.)

To all whom it may concern:

Be it known that I, ABRAHAM M. YEAKEL, a citizen of the United States, residing at Perkasie, in the county of Bucks and State of Pennsylvania, have invented certain new and useful Improvements in Thread-Holders, of which the following is a specification.

My invention relates to a new and useful improvement in a combined thread-holder, pincushion, and needle-holder, and has for its object to provide such a device which, when in use, will hold a spool of thread or silk against being unwound and entangled and at the same time permit a given length of thread to be withdrawn from the spool and severed, and also provide means for retaining a number of pins or needles, and, further, to form a convenient hold for a needle when the latter is being threaded, as well as indicate the number of the spool of thread which is contained therein.

With these ends in view my invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claim.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, I will describe its construction and operation in detail, referring by number to the accompanying drawings, forming a part of this specification, and in which—

Figure 1 is a side elevation of my improvement; Fig. 2, a central vertical section thereof, showing a spool in its proper place within the casing; Fig. 3, a plan view; Fig. 4, a detailed perspective of the cap and indicating-disk.

Similar numbers denote like parts in the several views of the drawings.

In carrying out my invention I provide a case 1, preferably cylindrical in shape and having a narrow elongated slot 2 cut in the side thereof, which terminates in a hole 3 of sufficient size to easily insert the end of the thread for the purpose hereinafter set forth. Projecting from the bottom of the case is a spindle 4, composed of two sections bowed at their centers so as to bear against the walls of the central opening in the spool when the latter is placed thereon, in order to impart sufficient tension to the spool to prevent its being accidentally revolved and yet permit the revolving thereof by the drawing off of a length of thread.

5 is a cap adapted to close the open end of the case and is provided with two pins 6, (but one of which is shown,) said pins being adapted to interlock with the grooves 7, embossed in the casing, so that the cap may be secured in place after the manner of bayonet-joints.

Secured in the center of the cap and projecting inward is a tubular bushing 8, into which the upper end of the split splindle passes when the cap is placed in position, and this bushing also serves to hold in place concentric with the cap the flanged disks 9 and 10, between the flanges of which is interposed a suitable material 11, such as felt, to serve as a pin or needle cushion, and in practice a large number of needles may be secured within this cushion between the flanges of the disks 9 and 10, as shown in Fig. 2. Formed through the cap is a slot 12 and through the flanges of the disk 10 a slot 13, which registers with the slot 12, and these slots also register with the small holes 14 in the casing, so that when it is desired to hold a needle firmly for the purpose of threading its point is thrust through one of the holes 14 and the slots 12 and 13 into the cushion, when the casing may be utilized as a holder for securing a better grasp upon the needle during the operation of inserting the thread in the eye of the latter.

The upper surface of the flanged disk 10 is provided with designating-numbers which indicate the sizes of thread most generally used, and these numbers are so arranged as to register with the opening 15 when the disk 5 is revolved, the numbers of which are to indicate, by observing the number which appears through the opening, the size of the thread contained within the casing, and should a new spool with a different size of thread thereon be substituted for the one last used its size will be indicated by revolving the disk until the proper number registers with the opening. In practice when a spool is inserted within the casing the free ends of the thread thereof are passed through the hole 3 before the cap is placed upon the casing, so that when it is desired to sever a length of thread from the spool it is only necessary to grasp the end thereof

and draw the desired length through the slot, when it is severed by engagement with a sharpened notch 16, formed upon the bottom edge of the casing.

By the use of my improvement it will be seen that great convenience is had from the fact that the spool of thread is retained against being accidentally unwound or entangled, and a length of thread may be withdrawn and severed from the spool at any time; also, a number of pins or needles may be carried in the cushion, as before described, without danger of being lost or misplaced, which is of especial advantage for persons traveling, who may have occasional necessity to use needles and thread.

Having thus fully described my invention, what I claim as new and useful is—

In a device of the character described, a cylindrical case having a slot with an enlarged end cut in the side thereof, a spindle projecting from the bottom of the case and composed of two sections bowed at their centers, a cap swiveled to the end of the case, a tubular bushing secured in the end of the cap and projecting inward to inclose the free ends of the spindle, flanged disks of different diameters secured to the bushing so as to turn thereon, a cushion between the flanged disks, said cap and the outer disk having slots cut therein and the case having apertures registering with the slots, said cap also having an opening in its top adapted to register with the figures formed on the outer disks, as and for the purpose described.

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

ABRAHAM M. YEAKEL.

Witnesses:
S. S. WILLIAMSON,
MARK BUFORD.