

(No Model.)

W. A. PRIDEMORE.
SPOOL HOLDER FOR SEWING MACHINES.

No. 508,238.

Patented Nov. 7, 1893.

FIG. 1.

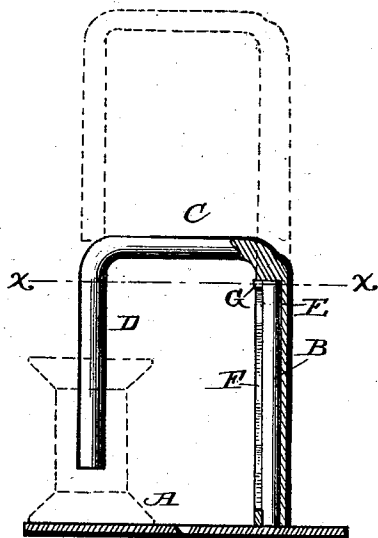
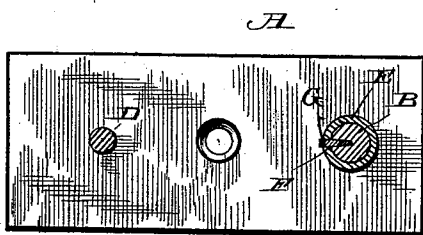


FIG. 2.



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SPOOL-HOLDER FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 508,238, dated November 7, 1893.

Application filed July 3, 1893. Serial No. 479,517. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. PRIDEMORE, a citizen of the United States, residing at Ironwood, in the county of Gogebic and State of Michigan, have invented certain new and useful Improvements in Spool-Holders; and I do 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 the letters of reference marked thereon, which form a part of this specification.

My invention has for its object to provide a spool-holder of an improved construction for sewing machines by the use of which the spool may be readily placed in position or removed and when in its operative position will be firmly supported but allowed the movement necessary to prevent breaking of the thread or an increase in the tension of the same. This object I accomplish by the use of the device illustrated in the accompanying drawings in which—

Figure 1 is a sectional elevation of the spool-holder, the full lines showing its position when holding the spool and the dotted lines showing it adjusted to permit the insertion or removal of the spool, and Fig. 2 is a horizontal section taken on the line $x-x$ of Fig. 1.

In carrying out my invention, I employ a base plate A which is provided with a central opening through which the securing screw is inserted into the sewing machine arm. The upper surface of this base plate is smooth and is preferably of a convex formation so that any coils of thread that should happen to drop from the spool may slip readily over the plate. Rigidly secured to one end of the plate is a rod or standard B which rises vertically therefrom and forms the stationary member of the spool holder. The movable or sliding member consists of an inverted U-shaped rod C, one arm, D, of which, is solid and terminates above the base plate. This arm enters the hole in the spool and thereby holds it in its proper position and as it terminates above the base plate, the escape of any coils of thread which may fall from the spool is facilitated

and not interfered with. The opposite arm, E, of the U-shaped bar is of a hollow cylindrical formation so as to fit over and slide upon the standard or stationary member. In order to prevent the sliding member from turning on the stationary member or rising therefrom, I form in said sliding member a longitudinal slot F through which a pin or stop G is secured in the standard. This pin fits snugly between the walls of the slot and thereby prevents lateral movement of the sliding member. When the sliding member is raised, the lower end of the slot is brought against the pin and consequently the lifting of the sliding member from the stationary member is prevented.

The operation of the device will be readily understood. When a spool is to be inserted in position, the sliding member is raised, the spool is placed in position below the end of the same and the said member is then released when it will fall by gravity so as to engage the hole in the spool and thereby hold the same. When it is desired to remove the spool it is necessary only to raise the sliding member of the holder when the spool can be easily withdrawn.

It will thus be seen that I have provided an extremely simple spool-holder for sewing machines which can be manufactured at a slight cost and which will effectually hold the spool in its operative position. The shoulder of the U-shaped movable member positively prevents the spool from rising from the holder and as the end of the holding arm is above the base plate, any coils of thread which may drop from the spool can pass under the same and escape without breaking the thread or increasing the tension thereon.

I do not confine myself to the exact details of construction illustrated in the drawings as minor changes may be made therein without departing from my invention, as for instance, the standard could be screwed directly into the sewing machine arm and the base plate thus dispensed with.

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

A spool-holder for sewing machines consisting of a stationary member or standard, an inverted U-shaped member having a hollow arm fitting over and sliding on the standard
5 and provided with a longitudinal slot, and a pin projecting from the standard and fitting in the said slot.

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

WILLIAM A. PRIDEMORE.

Witnesses:

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S. E. MCKENNEY.