(No Model.)

J. T. WALKER.

THREAD HOLDER.

No. 283,689. Patented Aug. 21, 1883.

Fig. 1.

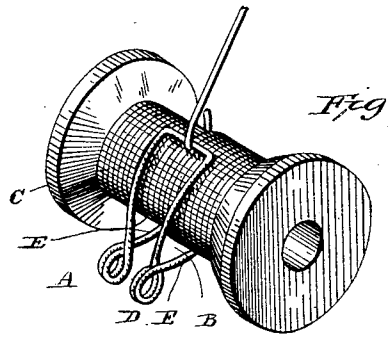


Fig. 2.

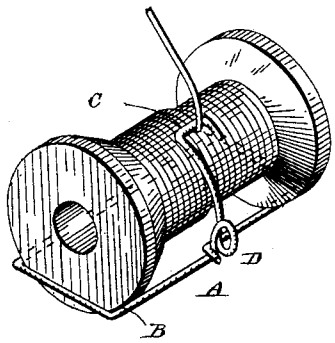


Fig. 3.

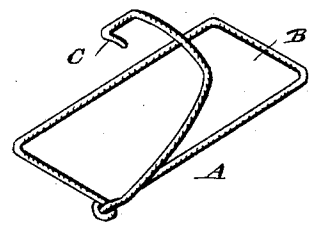
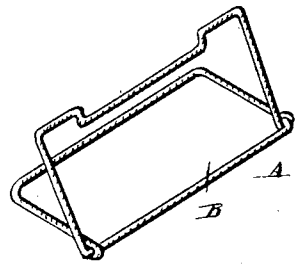


Fig. 4.



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UNITED STATES PATENT OFFICE.

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THREAD-HOLDER.

SPECIFICATION forming part of Letters Patent No. 283,689, dated August 21, 1883.

Application filed January 17, 1883. (No model.)

To all whom it may concern:

Be it known that I, JAMES T. WALKER, a citizen of the United States, residing at Baltimore, in the county of Baltimore and State of Maryland, have invented certain new and useful Improvements in Thread-Holders; 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.

This invention has for its object to provide certain improved means whereby the free end of the thread may be held, so as to prevent unwrapping and permit the thread to be readily drawn off the spool, as more fully hereinafter specified. These objects I attain by the means illustrated in the accompanying drawings, in which—

Figure 1 represents a perspective view of a spool, showing my invention applied thereto. Fig. 2 represents a similar view, showing a modification of my invention. Fig. 3 represents a detached view, and Fig. 4 a similar view, of another modification of my invention.

The letter A indicates a frame of elastic wire, provided with a seat, B, for the spool, and a curved arm, C, by means of which the spool is held to the seat. As shown in Fig. 1, the frame is formed with spiral spring-bands D, the seat being formed by the curved arms E, which embrace one side of the spool and arm C the other or opposite side, so as to permit the spool to rotate freely. The free end of the thread is passed under the arm C, which holds it securely upon the spool. To unwrap the thread the frame is held in one hand at the coiled springs, and the free end of the thread is drawn upon until a sufficient quantity is drawn off, when it may be broken off, leaving the end of the thread on the spool remaining under the arm C, ready for further use.

In the modifications shown in Figs. 2, 3, and 4 the frame composing the seat for the spool is rectangular in shape, and is of such size as to hold the spool at the ends, as shown in Fig. 2. The spring-arm, in the modifications shown in Figs. 2 and 3, is provided with a bent end, under which the free end of the thread is held. In the modification shown in Fig. 4 the spring-arm has substituted for it a rectangular frame, under which the free end of the thread is passed.

It will be perceived that the spool may be rotated freely by holding the frame in one hand and drawing on the thread so as to unwind it, while it will be retained at its free end until the whole is wound off.

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

1. A thread-holder for spools, consisting of a frame having a seat for the spool, in which it is free to rotate, and an arm adapted to bear against the thread and hold its free end, substantially as specified.

2. A thread-holder for spools, consisting of a frame having a seat and spring-arm adapted to embrace the thread upon the spool, substantially as and for the purposes specified.

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

JAMES T. WALKER.

Witnesses:
CHAS. D. DAVIS,
WM. D. ALEXANDER.