

(No Model.)

J. C. ROTH.

SPOOL HOLDER FOR SEWING MACHINES.

No. 311,532.

Patented Feb. 3, 1885.

Fig. 1.

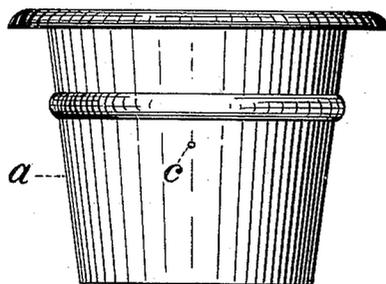


Fig. 2.

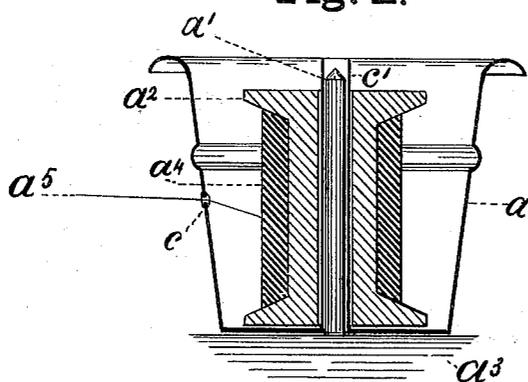
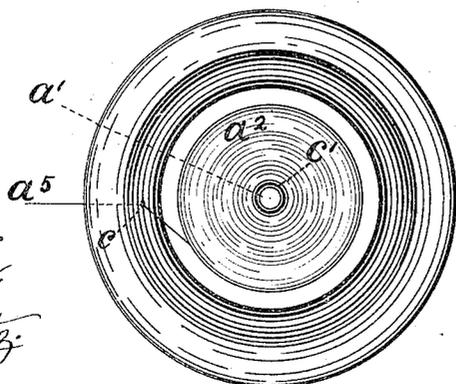


Fig. 3.



Witnesses.

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Inventor.

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*Att'y.*

# UNITED STATES PATENT OFFICE.

JOSEPH C. ROTH, OF BUFFALO, NEW YORK.

## SPOOL-HOLDER FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 311,532, dated February 3, 1885.

Application filed February 25, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH C. ROTH, a citizen of the United States, residing in Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Thread Guides and Protectors for Sewing-Machines, of which the following is a specification.

The object of this invention is to provide the means for keeping the thread in its proper position on the spool and prevent it from getting entangled around the stem or rod upon which the spool is placed; and it consists of a small case sufficiently large to inclose or partly inclose the spool, and having a vertical central tube adapted to receive the spool, and also to fit over the rod or stem on a sewing-machine upon which the spool has heretofore been placed, all of which will be fully and clearly hereinafter shown by reference to the accompanying drawings, in which—

Figure 1 is a side elevation. Fig. 2 is a vertical central section through the case and through a spool of thread, showing also the stem or rod of a sewing-machine upon which the spool of thread is usually placed. Fig. 3 is a plan or top view of the device.

$a$  represents the case, made of sheet metal; but any other material may be used—such as hard rubber, wood, or glass, when it is desirable to have it transparent—and, if desired, a

cover may be fitted thereto in the usual way. It is provided with a vertical central tube,  $c'$ , adapted to fit over the stem  $a'$ , (which is usually placed upon sewing-machines to receive the spool of thread.) The tube being just large enough to fit over the stem  $a'$ , and of the proper outside diameter to allow the spool  $a^2$  to turn easily thereon, gives steadiness to and prevents undue movement of the spool.  $a^4$  represents the thread on the spool, and  $a^5$  is the single thread as it unwinds therefrom. It passes through a perforation,  $c$ , in the case, and from thence to the usual parts of a sewing-machine to the needle.

$a^3$  represents a portion of a sewing-machine to which the spindle or stem  $a'$  is attached.

I do not claim, broadly, a cylindrical spool-holder, or a protector for holding a spool of thread, as that is not new; but

What I do claim is—

An attachment for sewing-machines, consisting of the case  $a$ , having a perforation,  $c$ , and provided with a vertical tube,  $c'$ , adapted to fit over the spool-supporting stem or rod of a sewing machine and to receive the spool of thread, substantially as and for the purposes specified.

JOSEPH C. ROTH.

Witnesses:

J. M. CALDWELL,  
JAMES SANGSTER.