H. R. ARNOLD.

THREAD RECEPTACLE.

APPLICATION FILED JUNE 11, 1914.

1,148,209. Patented July 27, 1915.

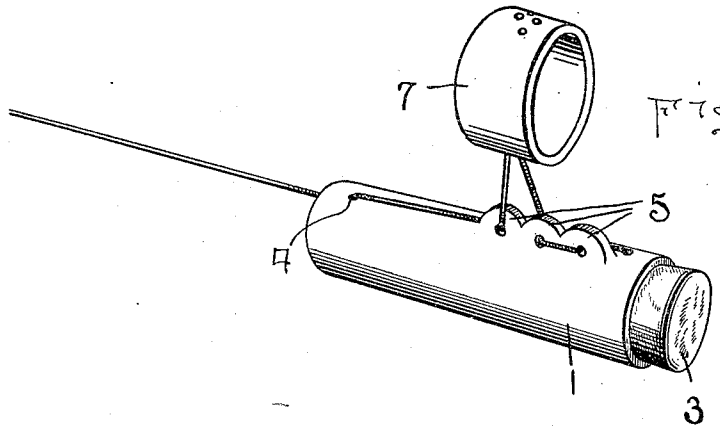


Fig. 1.

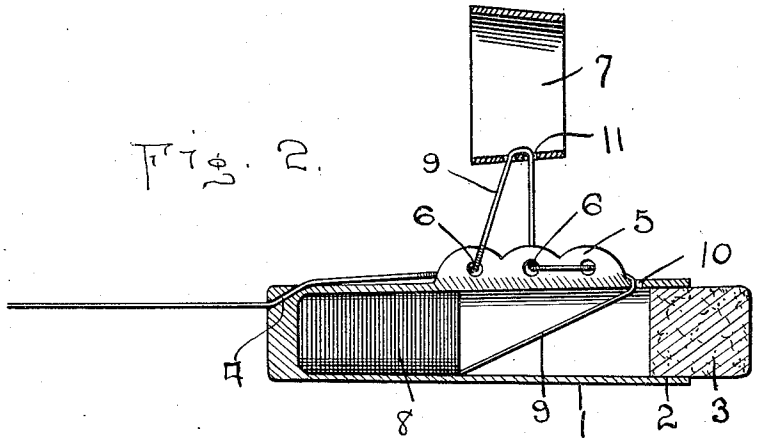


Fig. 2.

Witnesses

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THREAD-RECEPTACLE.

1,148,209. Specification of Letters Patent. Patented July 27, 1915.

Application filed June 11, 1914. Serial No. 844,437.

To all whom it may concern:

Be it known that I, HENRY R. ARNOLD, a citizen of the United States, residing at Council Bluffs, in the county of Pottawattamie and State of Iowa, have invented certain new and useful Improvements in Thread-Receptacles; 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 relates to thread holders and particularly to thread holders especially adapted for use by leather workers in shoe or harness work.

The object of the invention is to provide an improved device of the character specified which is adapted to be held in the hand of the operator, and provided with a suitable tension device for feeding out the thread from an inclosed cop to a needle or other implement.

I have illustrated an approved embodiment of my invention in the accompanying drawings, in which—

Figure 1 represents a perspective view of the thread receptacle and the ring by means of which it is supported from a finger of the operator, and Fig. 2 represents a longitudinal vertical sectional view of the same.

Like reference characters mark like parts in both of the figures.

Referring specifically to the drawings in which similar reference numerals designate corresponding parts throughout the several views, 1 represents a cylindrical thread holder having one end open, as at 2, and 3 indicates a suitable closure for said opening. The opposite end of the holder is closed with a thick wall, which wall is provided with the inclined thread passage 4. Integral with the holder 1 and disposed radially on the outside thereof is a rib 5 provided with transverse thread eyes 6.

Formed separately from the holder 1 is a ring 7 adapted to be placed upon the operator's finger, and, through the medium of the thread to support the holder 1. Within the holder 1 is a cop of thread 8, the unwound end 9 of which is passed through a thread passage 10, near the open end of the holder, thence through the first thread eye 6 on the right, back again in the opposite direction through the second eye 6, through suitable eyes 11 in the wall of the ring 7, back to the holder and through the last eye 6 to the left, thence along the outside of the holder toward the closed end and finally through the inclined passage 4 to a suitable needle or other implement.

It will be seen that the cop holder may be conveniently supported from one finger by means of the ring 7, and the thread, and that by providing the several thread eyes through which the thread is passed, a tension is given to the thread, and the movement thereof is retarded to a sufficient degree to prevent it becoming tangled in use.

What I claim is:

A thread holder comprising a cylindrical hollow body adapted to receive a cop of thread, having one end open and an aperture adjacent said open end, the other end of said body being closed by a thick wall, provided with an inclined thread passage, a suitable closure for the open end, a radial rib on the outside of the body having a plurality of transverse thread eyes, and a ring separate from the body having a pair of thread openings on its wall, the unwound end of the thread from the cop being adapted to be passed through the aperture in the body near the open end thereof, back and forth through a plurality of the transverse eyes in the radial rib, through the openings in the wall of the ring, and lastly through the inclined passage in the wall of the closed end of the body.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HENRY R. ARNOLD.

Witnesses:
R. V. INNES,
F. C. RIKER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."