Sept. 11, 1928. 1,684,019

P. J. FARLEY

SPOOL

Filed Sept. 14, 1927

FIG. 1.

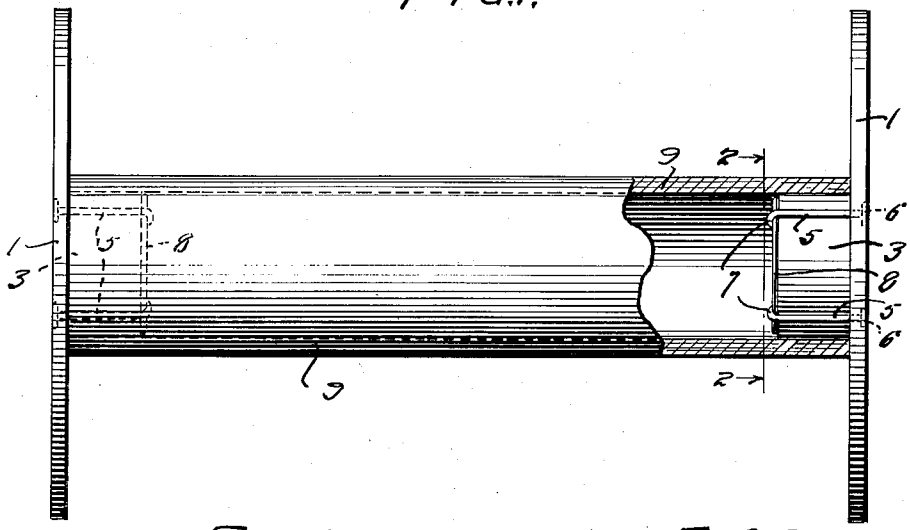


FIG. 2.

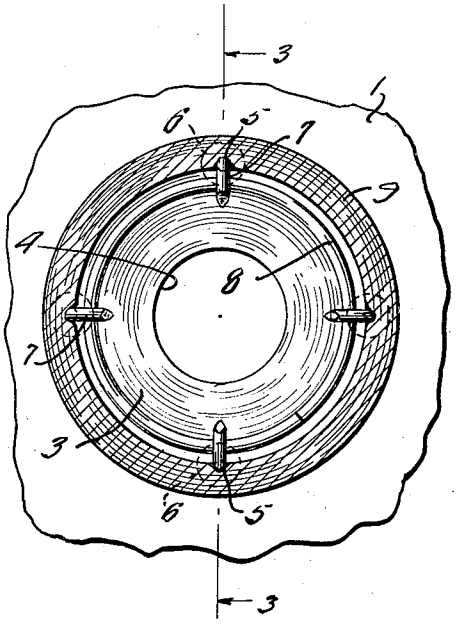
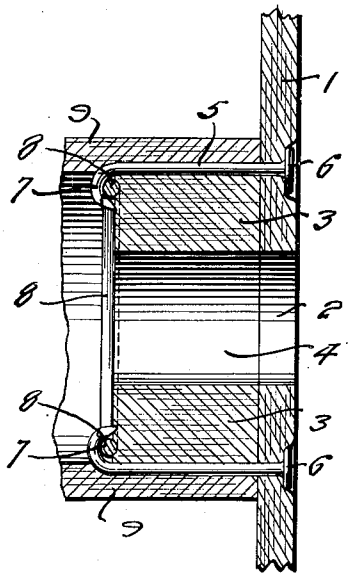


FIG. 3.



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UNITED STATES PATENT OFFICE.

PRESTON J. FARLEY, OF CALIFON, NEW JERSEY.

SPOOL.

Application filed September 14, 1927. Serial No. 219,506.

My invention relates to a novel spool used as a shipping spool to carry solder, wire tape and leather belting and for like purposes.

I attain the objects of my invention by the device illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of my invention with a portion of the cylinder of the spool broken away to show the construction of one of the heads;

Fig. 2 is an enlarged section on line 2—2 of Fig. 1; and

Fig. 3 is a section on line 3—3 of Fig. 2.

Like numerals indicate like parts in each of the several views.

Referring to the accompanying drawings I provide a pair of spool heads each of which consists of a disc 1 of paper, fiber or other suitable material having a short cylinder or thimble 3 affixed to it by nails 5, the heads 6 of which are driven into the disc 1 as shown in Fig. 3 and the nails have their ends 7 bent into hook shape to engage a metal ring 8 which rests on the end of the stub paper cylinder 3.

I provide an opening 2 in disc 1 aligned with channel 4 through the cylinder 3 as shown in Fig. 3. Glue is applied to the outer surface of the stub paper cylinder or thimble 3 and a tubular spool barrel 9 of paper, fiber or any suitable material is inserted over this stub paper cylinder in the manner shown in Figs. 1 and 3 to form the completed spool such as is shown in Fig. 1. The metal ring 8 may be of any convenient shape or form to allow the nails or rods 5 to be clinched over same. The spools are assembled with a very substantial glue or cement and the nails 5 also frictionally engage the tubular barrel 9.

What I claim is—

1. A spool of the type described, comprising a tubular barrel, a pair of heads mounted on each end of the barrel, these heads comprising a disc and a stub cylinder, nails driven through the disc and in contact with the outer surface of the stub cylinder, a metal ring resting on the free end of the stub cylinder, the nails having their ends bent to engage over the aforesaid metal ring to securely hold the stub cylinder to the disc.

2. A spool of the type described, comprising a tubular barrel, a pair of heads mounted on each end of the barrel, these heads comprising a disc and a stub cylinder, nails driven through the disc and in contact with the outer surface of the stub cylinder, a metal ring resting on the free end of the stub cylinder, the nails having their ends bent to engage over the aforesaid metal ring to securely hold the stub cylinder to the disc, the stub cylinder and the tubular barrel also being fastened together by a substantial glue or cement.

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