

A

COMBINED SPOOL AND TAPE MEASURE.

No. 550,227.

Patented Nov. 19, 1895.

Fig. 1.

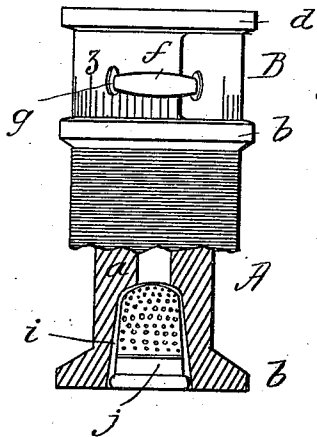


Fig. 3.

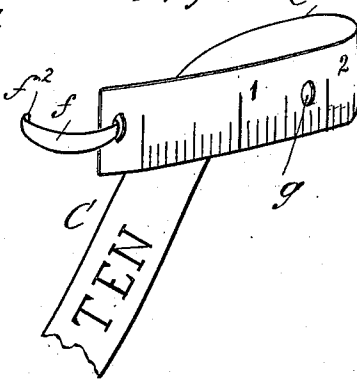


Fig. 2.

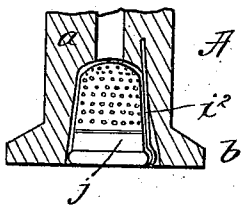


Fig. 4.

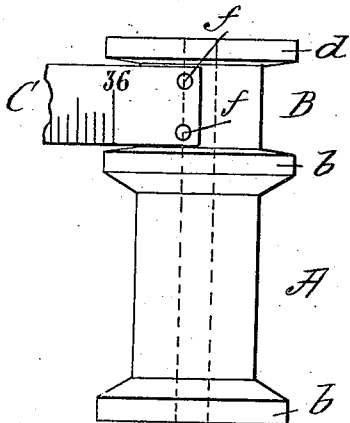


Fig. 5.

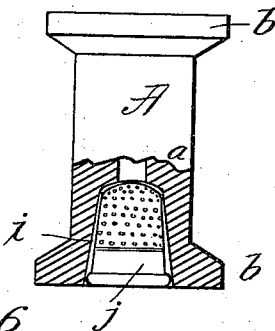
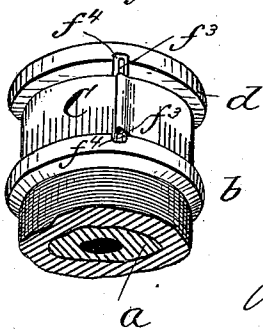


Fig. 6.



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UNITED STATES PATENT OFFICE.

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COMBINED SPOOL AND TAPE-MEASURE.

SPECIFICATION forming part of Letters Patent No. 550,227, dated November 19, 1895.

Application filed January 18, 1896. Serial No. 535,315. (No model.)

To all whom it may concern:

Be it known that I, JAMES A. MURPHY, a citizen of the United States of America, residing at Holyoke, in the county of Hampden and State of Massachusetts, have invented new and useful Improvements in a Combined Thread-Spool and other Sewers' Appliances, of which the following is a specification.

This invention relates to improvements in spools for thread having combined therewith sewers' appliances, all to the end of providing in a simple, compact, and inexpensive manner a spool of thread with a tape-measure or with a thimble, or with both.

The tape-measure may serve the useful purpose to the user of measuring and the useful purpose to the manufacturer of the spooled thread or other dealer of bearing on the side opposite the linear graduations or divisions an announcement, advertisement, or imprint.

The devices are fully and clearly described hereinafter and illustrated in the accompanying drawings, in which—

Figure 1 is a side and partial sectional view of the spool for thread having combined therewith a tape-measure and the spool-section on which the tape-measure is wound, and having the pocket within its end for the thimble. Fig. 2 is a sectional view of the part of the spool comprising the thimble-pocket, showing a thimble-retaining spring. Fig. 3 is a perspective view of the outer end portions of the tape-measure. Fig. 4 is a side view of a combined thread-spool and tape-measure. Fig. 5 is a side and partial sectional view of a thread-spool with a thimble-pocket and thimble therein. Fig. 6 is a perspective view of a portion of the combined thread and tape-measure spool with a modification in the form of the retaining device for the free end of the tape-measure.

In the drawings, Figs. 1 and 4, A represents the thread-spool having the usual attenuated body *a* and heads or flanges *b b*, but, unlike ordinary spools, having at one end the supplemental spool-section B with the flange or head *d*. The supplemental spool-section B has wound thereon the tape-measure C, one end of which is secured to the body of the supplemental spool-section by being

tacked thereto, as indicated at *f f* in Fig. 4, or otherwise. The free end of the tape-measure has provision made for the temporary attachment of this end; and in Figs. 1 and 3 the end portion of the tape-measure has secured thereto the metallic strip *f* with the inturned extremity *f*², which may engage the perforation *g* at another portion of the tape when the same has its encircling position about the supplemental spool-section B.

In Fig. 6 the attachment of the free end of the tape-measure is made by providing the free end with a cross-pin *f*³, the ends of which project beyond the edges of the tape-measure, and by forming radial recesses *f*⁴ within the inner sides of the heads or flanges *d d*, into which the protruding extremities of said pin may be entered.

In Fig. 1 the spool is shown as having within its one end the axial pocket *i* for a thimble *j*, which may be provided therein as forming a part of the equipment additional to the tape-measure. This pocket *i* is shown as of outwardly-flaring form, corresponding more or less nearly to the contour longitudinally of the thimble, and the thimble may be retained therein by having a crowding fit; or the pocket may have provided along the wall thereof the retaining-finger *i*², as seen in Fig. 2, which may be constituted of a single piece of spring-wire having one end portion thereof forced into the wooden body of the spool.

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

As a new article of manufacture, a spool having formed integral therewith, upon one end, a short flanged section, and having formed in the opposite end a socket to receive a thimble, combined with a tape measure, wound upon said section and provided with perforations, and a hooked fastening for catching in the perforations and securing the loose end of the tape in position, substantially as specified.

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