

(No Model.)

I. B. MILLNER.

MEASURING ATTACHMENT FOR PENCILS.

No. 309,483.

Patented Dec. 16, 1884.

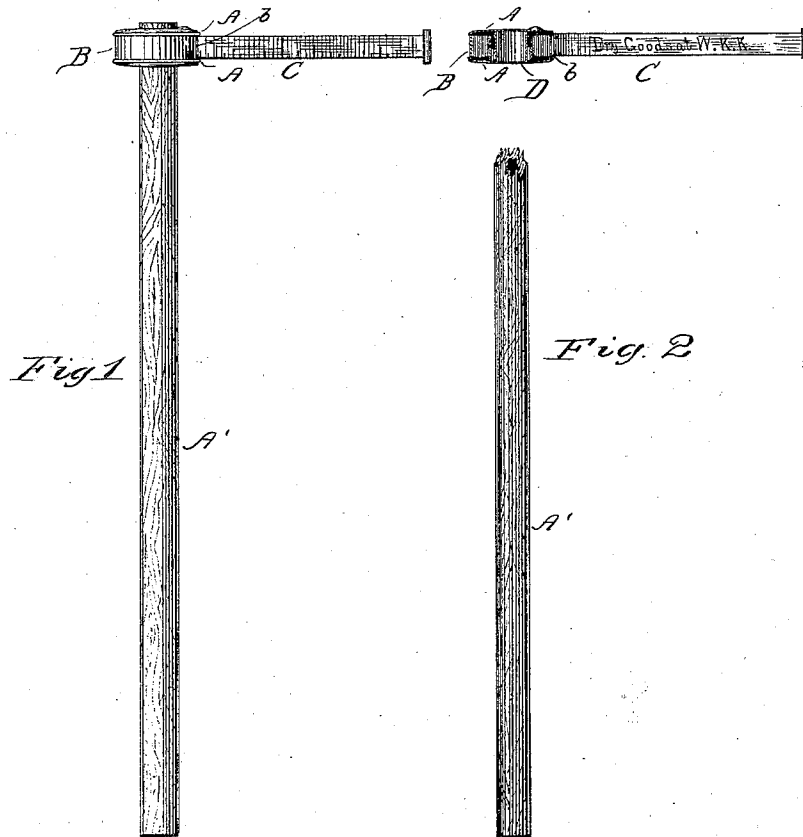


Fig. 3

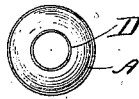
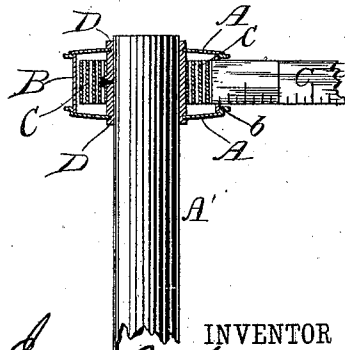


Fig. 4



WITNESSES:

Wm. Musser.
M. Bluff.

INVENTOR

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BY

Connelly Bros

ATTORNEYS

UNITED STATES PATENT OFFICE.

ISAAC B. MILLNER, OF WASHINGTON, DISTRICT OF COLUMBIA, ASSIGNOR
OF ONE-HALF TO WILLIAM K. KURTZ, OF BALTIMORE, MARYLAND.

MEASURING ATTACHMENT FOR PENCILS.

SPECIFICATION forming part of Letters Patent No. 309,483, dated December 16, 1884.

Application filed May 7, 1884. (No model.)

To all whom it may concern:

Be it known that I, ISAAC B. MILLNER, a citizen of the United States, residing at Washington city, District of Columbia, have invented certain new and useful Improvements in Measuring Attachments for Pens, Pencils, &c.; and I do hereby declare the following to be a full, clear, and exact description of the invention, reference being had to the accompanying drawings, which form part of this specification.

The object of my invention is to construct a measuring-instrument or tape measure and case capable of being attached to and used in connection with an ordinary pencil or crayon.

In the manufacture of my invention I construct two disks, preferably of metal, of any desirable size, and having a central opening, either circular or otherwise, as may be desired. The disks are joined together at their circumference by a band of suitable width to allow room between the disks for containing a coiled tape line or measure. In the central opening of the disks is inserted a collar, which is held in position by grooves surrounding the central opening of the disks, or in any other suitable manner, so that it can be turned or revolved independent of the disks. The collar is placed in such a manner that when the pencil is inserted in the interior thereof it will bear against the inner side of the collar, and if the pencil be turned it will carry the collar with it, or, in other words, will cause the collar to revolve on its axis, and as one end of the tape-measure is attached to the collar the measure will be rolled around it.

Referring to the accompanying drawings, Figure 1 represents a holder of my construction attached to the end of a pencil, A', or crayon-holder, A A being the two disks, and B the outer rim, having the slit b on one side thereof to allow the tape-measure C to be with-

drawn from or returned to the case. Fig. 2 is a sectional view of the same with the pencil removed and the measure rolled around the collar D. Fig. 3 is a top view of the tape-drum, and Fig. 4 an enlarged sectional view of a tape-measure having a rotary central collar.

The method of operating this device is as follows: The case containing the measuring-tape is held in one hand, so that as the tape is withdrawn the pencil will be allowed to turn with the collar, and when it is desired to return the tape to the case the pencil must be turned while the case is held, or the case can be turned while the pencil is held rigidly in the hand.

It will be seen from the construction shown that this measure can be used either with or without the pencil; but I prefer to make them of such a size and shape that it will be desirable to always use them in connection with or on the end of a pencil.

If deemed desirable, the tape-line can have the measuring-scale printed on one side, and an advertising announcement on the other side; or it can be utilized solely as a medium of advertising by having advertisements printed on both sides thereof.

What I claim is—

The combination, with a pencil, of a tape measure and drum, the drum being formed with a rotary central sleeve adapted to receive the pencil, and having the measuring-tape attached thereto, whereby the tape may be wound upon the sleeve by turning the pencil, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 5th day of May, 1884.

ISAAC B. MILLNER.

Witnesses:

JOSEPH W. VANDEGRIFT,
GEO. S. HAGANY.