(No Model.)

A. J. MILLER.

COMBINATION PENCIL AND TAPE MEASURE.

No. 589,847. Patented Sept. 14, 1897.

Fig. 4

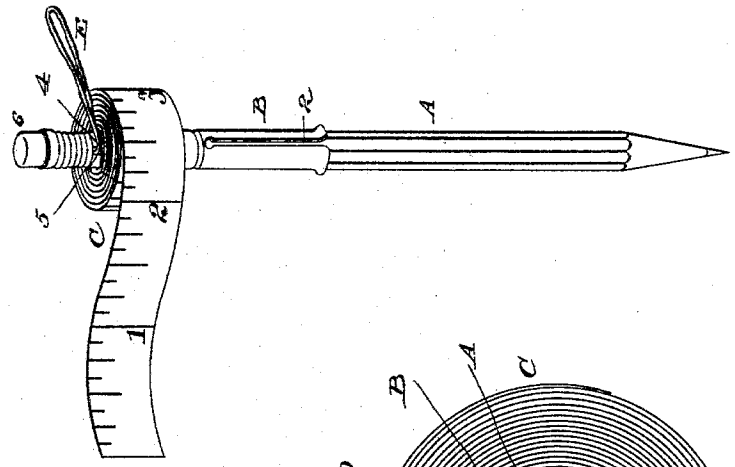


Fig. 2



Fig. 3

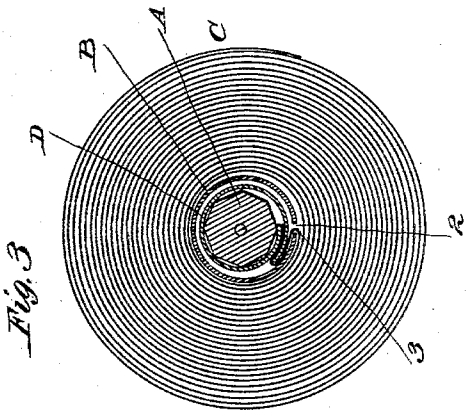
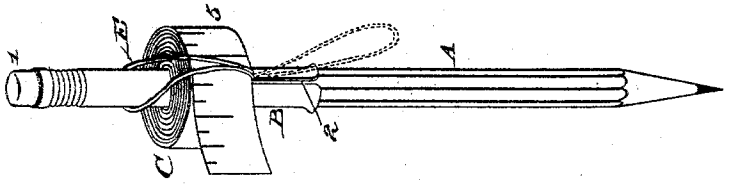


Fig. 1



Witnesses
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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C

UNITED STATES PATENT OFFICE.

ADELINE JULIA MILLER, OF BROOKLYN, NEW YORK.

COMBINATION PENCIL AND TAPE-MEASURE.

SPECIFICATION forming part of Letters Patent No. 589,847, dated September 14, 1897.

Application filed June 11, 1896. Serial No. 595,119. (No model.)

To all whom it may concern:

Be it known that I, ADELINE JULIA MILLER, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in a Combination Pencil and Tape-Measure; 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 combined pencils and tape-measures.

Dressmakers, tailors, and other persons engaged in the art of making and fitting garments and with whom the tape-measure and ordinary pencil are articles of necessity have heretofore been delayed in their operations by the only too common separation and loss of the articles mentioned.

My object is to overcome the difficulty by the provision of an improved, cheap, and simplified combined tape-measure and pencil, whereby both of these necessary articles will always accompany each other ready for cooperating when desirable.

Having the foregoing objects in view, the present invention consists of a combined pencil and tape-measure comprising certain improved features and novel combinations of parts, appearing more fully from the following description and recited in the appended claim.

In the accompanying drawings, Figure 1 is a perspective view of my complete invention, dotted lines representing the position of the fastening-loop when the tape-measure is being used; Fig. 2, a perspective detail view of the anchoring-shell as detached from the pencil; Fig. 3, a cross-section taken through Fig. 1, and Fig. 4 a perspective view showing the invention connected to the pencil-tip in another position.

A designates a pencil, B a pencil-tip, and C an ordinary tape-measure.

The pencil is of usual construction, and the tip is provided with a rubber 1 and is longitudinally slotted at 2, said tip being of a well-known pattern, and hence I lay no claim to the same *per se*.

D designates my improved anchoring-shell, which is a piece of metal having its ends lapped over each other to a considerable extent. This shell is of such size as to make it easily adaptable for reception in the tip and to snugly fit the inner walls thereof. The shell also encircles the pencil when the latter is in position.

E designates an elastic fastening-loop.

The assembly of the parts is accomplished in the following manner: The fastening-loop is first slipped in between the lapped ends of the anchoring-shell and into the latter. The blank end of the tape-measure is next inserted between the lapped ends of the anchoring-shell and said lapped ends are then pressed together firmly, so that the measure will be held snugly in position. The tape-measure is now doubled back on itself, as at 3, while the free portion of the fastening-loop is laid across the anchoring-shell, as at 4. The shell is then slipped into the pencil-tip and the edge of the tape-measure inserted in the slot in the former. Both parts are now slid home, so that the edge of the tape-measure will rest against the end of the slot. The pencil is then placed in position. When in this position, the fastening-loop extends toward the point of the pencil, as shown in dotted lines in Fig. 1, when the measure is in use. When the operator has no further use for the tape-measure, the same is wrapped snugly around the tip, as at 5, and the fastening-loop drawn over the end of the tip and across the wraps of the measure, thereby holding the latter in compact form but ready for instant use.

I sometimes find it preferable to cut a slot 5 in the pencil-tip not far from the usual eraser 6 held therein, said slot being of slightly greater length than the width of the tape-measure.

When securing the parts together, the end of the tape and the elastic cord are first passed through the slot and the anchoring-shell then inserted in the pencil-tip. After the eraser has been replaced the shell is properly held in position.

Having thus described the invention, what is claimed as new is—

The combination with a pencil, of an anchoring device connected to the pencil, a slotted pencil-tip encircling the pencil and an-

choring device, a tape-measure connected to the anchoring device and passing through the slot in the pencil-tip, said tape-measure being adapted to be wrapped around the pencil-tip, and a fastener for holding the tape-measure in wrapped position on the pencil-tip, substantially as described.

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

ADELINE JULIA MILLER.

Witnesses:

GEO. J. WERNS,

EDWARD S. BERRALL.