

M. W. Dillingham,

Screw Driver.

No. 111,327.

Patented Jan. 31. 1871.

Fig: 1.

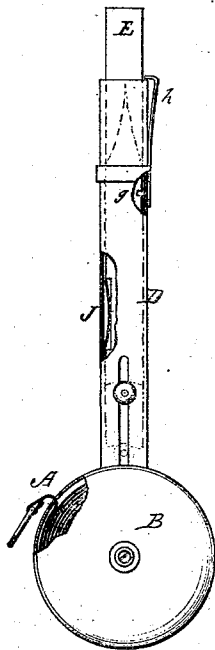
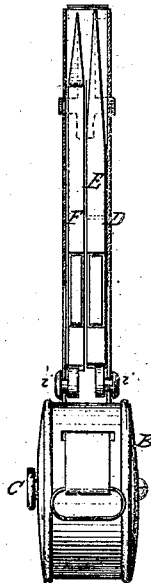


Fig: 2.



Witnesses:

Chas. Nida.
L. J. Hooper

Inventor:

M. W. Dillingham
per
Wm. H. C.
Attorneys.

United States Patent Office.

MOSES W. DILLINGHAM, OF AMSTERDAM, NEW YORK.

Letters Patent No. 111,327, dated January 31, 1871.

IMPROVEMENT IN SCREW-DRIVERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, MOSES W. DILLINGHAM, of Amsterdam, in the county of Montgomery and State of New York, have invented a new and useful Improvement in Combined Tape-Measure and Screw-Driver; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to a new and useful improvement in a combination of well-known and useful articles, more especially designed for undertakers' use; and

It consists in combining with pocket tape-measure a screw-driver and an awl, arranged to operate from a tube connected with the case of the tape-measure, as will be hereinafter more fully described.

In the accompanying drawing—

Figure 1 is a side view, partly in section.

Figure 2 is an edge view, also partly in section.

Similar letters of reference indicate corresponding parts.

A is the tape-measure.

B is the case, in which there is a small drum hung centrally, around which the tape is wound.

C is a burr on the end of the drum-pivot by means of which the drum is revolved. The end of the tape passes out of the case through a slot, as seen in fig. 1, and operates like the common pocket tape-measure, only there is no spring, but a spring may be used for winding up the tape if desired.

D is a square tube attached to the casing B at one end, the other end is open.

E is a screw-driver, arranged to slide in the tube.

F is an awl, arranged in the same manner.

When drawn back, as seen in fig. 2, the screw-driver and the awl are inclosed by the tube.

In the edge of each there is a notch, as seen at *g*.

When either of the tools are drawn out the spring *h* engages with the notch *g* and holds the tool in place.

To withdraw either of the tools the spring is pressed back and the tool is started out by one of the knobs *i* which slide in slots in the tube, as seen.

J is a small spring let into a recess in the edge of the screw-driver and awl, by means of which a sufficient degree of friction is secured to keep the tools steady and in place.

I do not confine myself to any particular mode of extending or drawing back the screw-driver or awl, or of constructing the case and the tube. The case and the tube may be soldered together or connected in any other manner. Neither do I confine myself to both screw-driver and awl in the combination. The screw-driver alone, in combination with the tape-measure, is the combination which I more especially desire to secure.

This combined tool is extremely useful for many purposes but more especially to undertakers.

It is readily carried in the pocket and is convenient in taking measurements in all cases where measurements are required.

The case of the tape-measure forms a good handle for the screw-driver.

For household use the measure and screw-driver are indispensable, combined in this manner the value of each is increased, as they are much less liable to be misplaced and lost than when separate.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The combined tape-measure and screw-driver, constructed substantially as shown and described.

The above specification of my invention signed by me this 6th day of July, 1870.

MOSES W. DILLINGHAM.

Witnesses:

GEO. W. MABEE,

ALEX. F. ROBERTS.