

(No Model.)

E. HERLINE, Jr.

ATTACHMENT FOR TAPE MEASURES.

No. 338,410.

Patented Mar. 23, 1886.

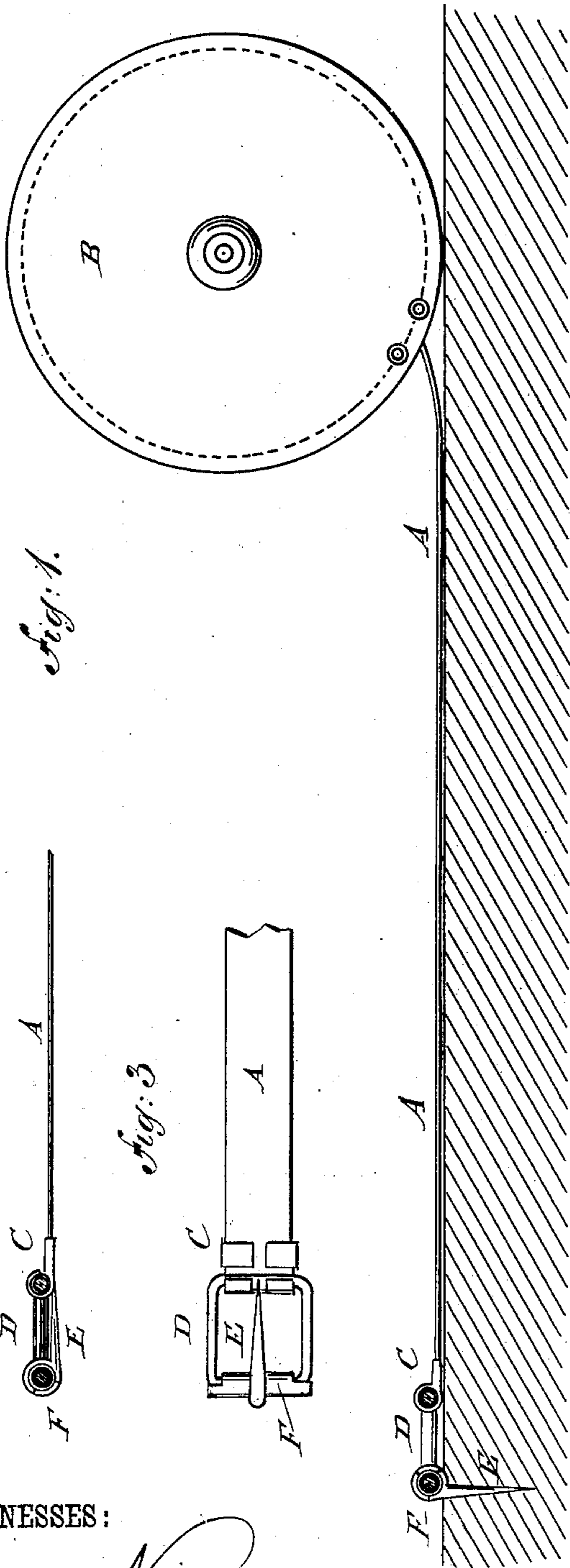


Fig. 1.

Fig. 4.



Fig. 3.

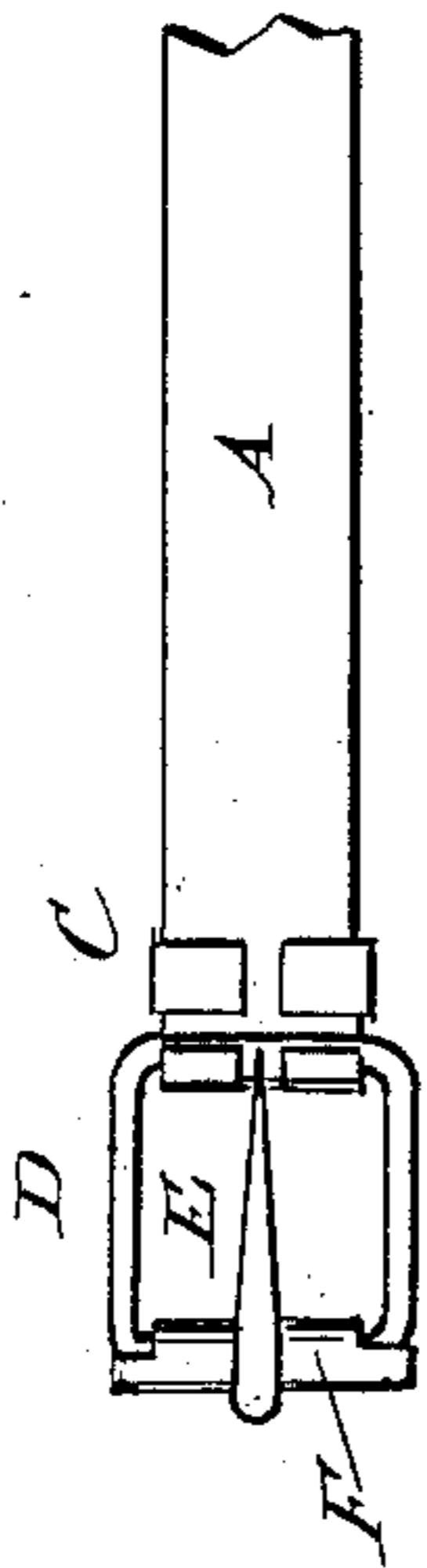
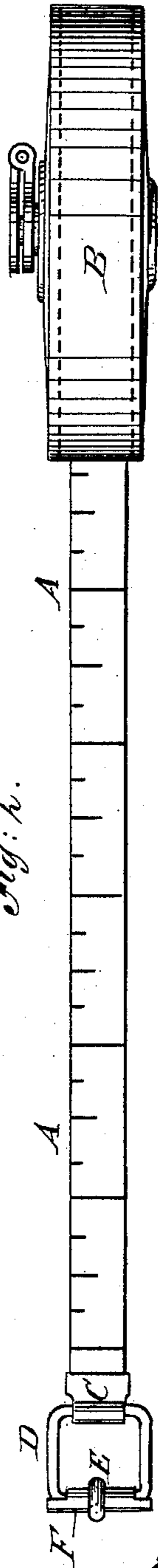


Fig. 2.



WITNESSES:

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ATTACHMENT FOR TAPE-MEASURES.

SPECIFICATION forming part of Letters Patent No. 338,410, dated March 23, 1886.

Application filed September 19, 1885. Serial No. 177,565. (No model.)

To all whom it may concern:

Be it known that I, EDWARD HERLINE, JR., of Hoboken, in the county of Hudson and State of New Jersey, have invented certain
5 new and useful Improvements in Tape-Measures, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming part of this specification, in
10 which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional side elevation of my improvement, shown as applied to a tape-measure and illustrating its use. Fig. 2 is a
15 plan view of the same. Fig. 3 is a plan view of a part of the same, showing the improvement closed. Fig. 4 is a sectional side elevation of the same.

The object of this invention is to provide
20 tape-measures constructed in such a manner that the end of the tape can be readily secured in place, so that the measures can be conveniently used by individuals.

The invention consists in the combination,
25 with a tape-measure, of a link and hinged point for securing the end of the tape in place.

A represents a tape-measure, and B is its case, which are constructed in the ordinary
30 manner.

To the end of the tape A is secured, by a metal clasp, C, or other suitable means, a link, D, to the outer end of which is hinged a point, E, in such a manner that it can be closed
35 against the inner end of the said link like a buckle-tongue, a recess being formed in the clasp C to receive the sharp end of the said point E, as shown in Fig. 3.

The point E, instead of being hinged directly to the end bar of the link D, can be

rigidly attached to a tubular sleeve, F, placed and rocking upon the said end bar. In this case the ends of the tubular sleeve F should be partly cut away, and the said sleeve should
45 be made of such a length that the shoulders formed upon its ends will come in contact with the side bars of the link D and stop the point E when at right angles with the plane of the said link D, to facilitate the accurate
50 placing of the end of the tape in the required position.

In using the measure, the point E is thrust into the thing to be measured at the place of beginning, the tape A is run out of the case B, and the measure is taken in the same man-
55 ner as if the end of the tape were held by a second person.

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

1. In a tape-measure, the combination, with the tape A, of the link D, and the hinged point E, substantially as herein shown and described, whereby the end of the tape can be
65 readily secured in place, as set forth.

2. In a tape-measure, the combination, with the tape A, the link D, and the point E, of the tubular sleeve F, rigidly attached to the said point, rocking upon the end bar of the link and provided with stop-shoulders to en-
70 gage with the side bars of the said link, substantially as herein shown and described, whereby the said point is stopped when at right angles with the plane of the said link, as set forth.

EDWARD HERLINE, JR.

Witnesses:

JAMES T. GRAHAM,
EDGAR TATE.