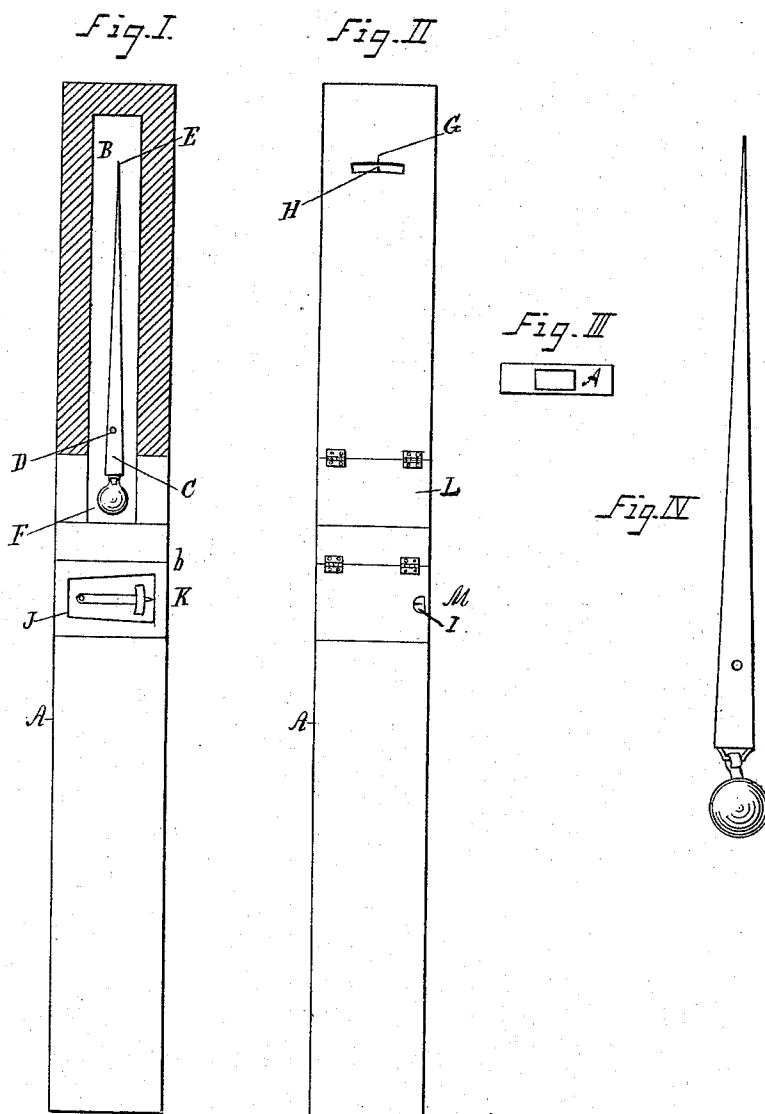


(No Model.)

T. A. REMSEN.
COMBINED PLUMB AND LEVEL.

No. 537,716.

Patented Apr. 16, 1895.



WITNESSES:

Geo. S. Cushman,

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INVENTOR

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UNITED STATES PATENT OFFICE.

TIMOTHY A. REMSEN, OF BROOKLYN, NEW YORK, ASSIGNOR TO MARY E. REMSEN, OF SAME PLACE.

COMBINED PLUMB AND LEVEL.

SPECIFICATION forming part of Letters Patent No. 537,716, dated April 16, 1895.

Application filed September 11, 1894. Serial No. 522,705. (No model.)

To all whom it may concern:

Be it known that I, TIMOTHY A. REMSEN, a citizen of the United States, and a resident of Brooklyn, in the county of Kings and State of New York, have invented a certain new and useful Plumb Rule and Level Combined, of which the following is a specification.

My invention relates to a tool for the use of mechanics and others comprising a plumb rule and level combined and consists of the novel construction hereinafter described and illustrated in the accompanying drawings, in which—

Figure 1 represents a front view partly in section embodying my invention. Fig. 2 represents a front view; Fig. 3, a top view thereof; Fig. 4, a view of the plumb level detached and enlarged.

Similar letters of reference indicate corresponding parts.

The letter A designates the body of the tool which may be of wood or any other suitable material, but I prefer to make it of a piece of wood about four feet long and of suitable thickness to permit a longitudinal channel or way B formed therein, in its side, and to extend for approximately one third of its length of the body portion and which opening is substantially oblong in cross section. In the channel or way B I pivot a rigid arm forming a pendulum C by a pivot D with its upper end formed into a point E while its lower portion is provided with a bob F, which pendulum is so adjusted in the channel B that when the point E registers with the center point G in the view opening H, the wall

or other object against which it is placed is plumb or straight.

The bob F is pivoted to swing on the pendulum C and when desired it may be detached from the hook on the lower end of the said pendulum by opening the door L on the side portion of the body covering the opening.

About midway the length of the body portion A I place another channel J transversely thereto and suspend therein by one end a metallic level K so the point thereof will register with a point on the view for the same. The letter I indicates a view opening through which the point of the level K may be seen on either side thereof.

At a suitable point on the body portion A somewhat below the door L I provide a second hinged door M covering the metallic leveling device.

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

In a combined level and plumb the combination with the casing A, provided with a longitudinal rectangular recess B and an opening H communicating therewith at its upper end, a weighted arm pivoted near its lower end within the recess B, its upper end projecting across the opening H, a rectangular recess J below the recess B, and at right angles thereto, having located therein a metallic level bar, the doors L, M, hinged to the casing for the purpose specified.

TIMOTHY A. REMSEN.

Witnesses:

FRANCIS C. BOWEN,
JAS. S. EW BANK.