

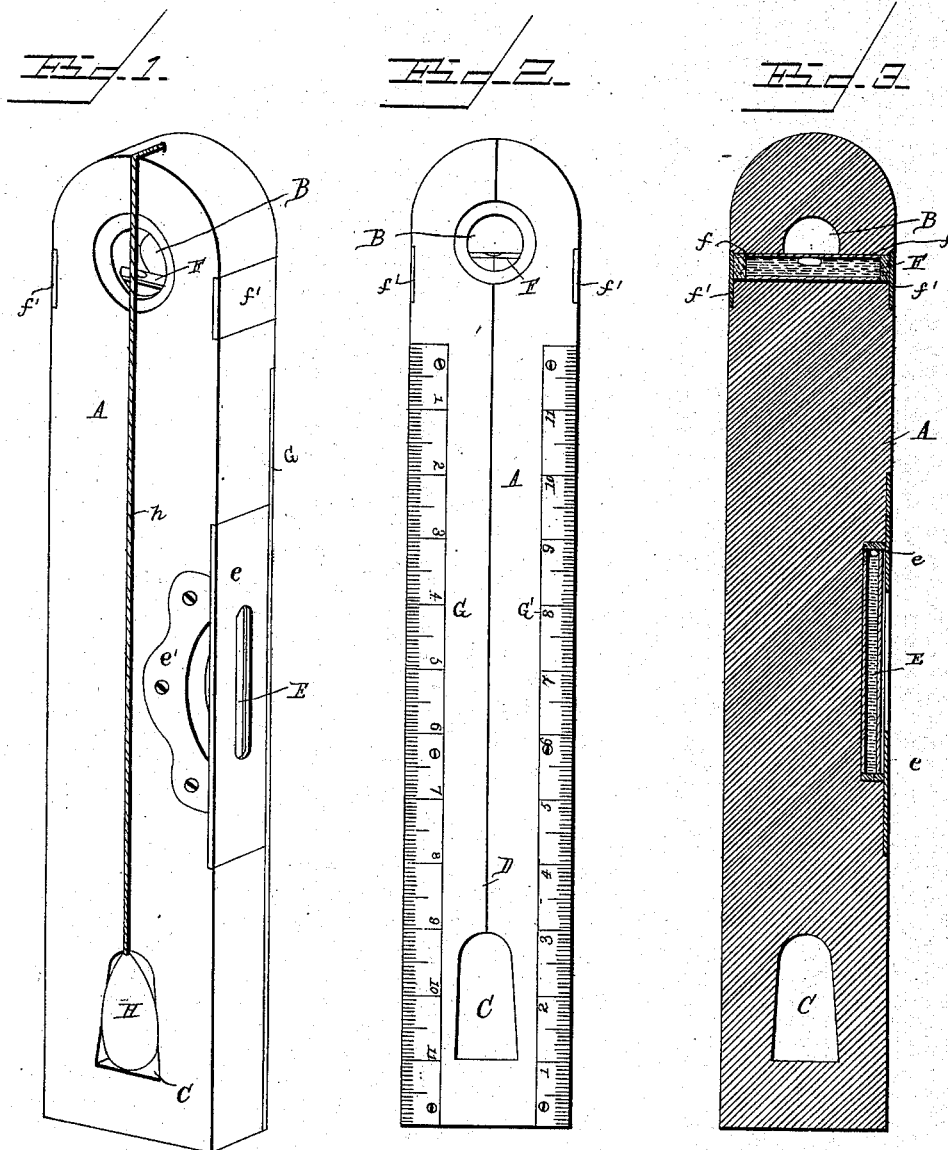
(No Model.)

C. ADKINS.

COMBINED RULE, LEVEL, AND PLUMB.

No. 384,951.

Patented June 26, 1888.



Witnesses,
Theodore S. West,
Henry L. Dietrich.

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By *his* Attorneys
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UNITED STATES PATENT OFFICE.

CHARLES ADKINS, OF TERRE HAUTE, INDIANA.

COMBINED RULE, LEVEL, AND PLUMB.

SPECIFICATION forming part of Letters Patent No. 384,951, dated June 26, 1888.

Application filed February 21, 1888. Serial No. 264,743. (No model.)

To all whom it may concern:

Be it known that I, CHARLES ADKINS, a citizen of the United States, residing at Terre Haute, in the county of Vigo and State of Indiana, have invented a new and useful Improvement in a Combined Rule, Level, and Plumb, of which the following is a specification.

The invention is a combined rule, level, and plumb especially adapted for the use of masons; and it consists in the construction and novel combination of parts hereinafter described, and pointed out in the appended claim.

In the drawings, Figure 1 is a perspective view of a tool embodying my invention. Fig. 2 is a plan view from the graduated side thereof, or the side having the scales attached. Fig. 3 is a central longitudinal section.

Referring to the drawings by letter, A designates the body of the tool, rounded at its upper end, and provided with the circular opening B, concentric with said end, and the elongated opening C near its lower end.

The body A is somewhat over a foot long, and has its side edges parallel and rectilinear. D D are rectilinear plumb-marks extending from the opening B to the opening C, centrally, on the sides of the body.

E represents a level inserted in one edge of the body and held in place by the socket-plates *e e'*, the former of which is set in the edge of the body flush therewith, while the socket-plate *e'* is set in the side of the body.

F is a level set transversely in the circular opening B, an opening, *f*, being made from edge to edge of the body for its insertion. When the said level is in place, the ends of the opening *f* are closed by the metal plates *f' f'*, flush with the edges of the block-body A.

G G' are scales secured adjacent to the edges at the side of the body opposite that to which the socket-plate *e'* is attached. Each scale is graduated to inches and sixteenths of an inch, each being just one foot in length. The scales are graduated in opposite directions, the 1 mark on one being opposite the 11 mark on

the other. The central line on each side is vertical when the transverse level has its bubble central.

H is the plumb-bob attached to the lower end of the plumb-line *h*, the upper end of which is secured to the upper end of the body in the center of said end, so that the line can be turned over to either side of the body. When the said line coincides with either of the line-marks D D, the said mark is vertical. The side of the plumb-bob rests in the elongated opening at the lower end of the tool.

The tool is handy, compact, and cheap, and unites the uses of a level, plumb, and rule.

Having described my invention, I claim—

The herein-described combination-tool, comprising the body A, having flat side edges and the openings B and C, respectively, near its opposite ends, and provided with the central plumb-marks, D, extending between said openings on each side, the longitudinal level E, inserted in one edge of its body and held in place by the socket-plates *e e'*, the former being set flush in the edge of the body, while the latter is set flush in the side of the body, the transverse level F, passing through the circular opening B and retained in place in its socket by the metal plates *f' f'*, set flush in the corresponding side edges of the body, the scales G G', set flush in the side of the body opposite that carrying the socket-plate *e'*, the said scales being of metal, a foot long, each graduated in opposite directions to inches and sixteenths of an inch, and situated adjoining opposite edges of the side of the body, the line *h*, having one end secured centrally to the end of the body adjacent to the opening B, and the plumb-bob on the end of said line, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

CHARLES ADKINS.

Witnesses:

JOSEPH O. DRENNEN,
WILLIAM EGGLESTON.