

No. 690,595.

Patented Jan. 7, 1902.

A. C. MAEDER.
WEATHER BOARD MARKER.

(Application filed June 21, 1901.)

(No Model.)

Fig. 1.

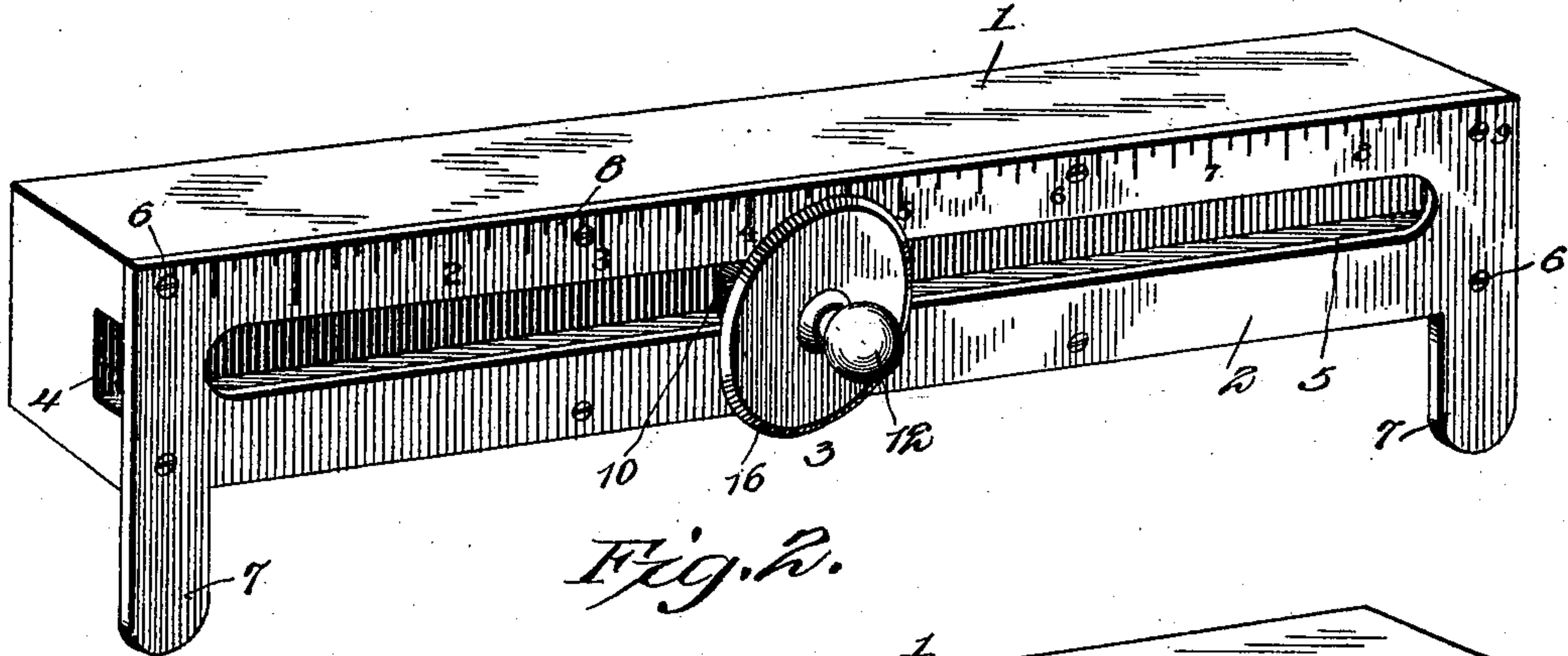


Fig. 2.

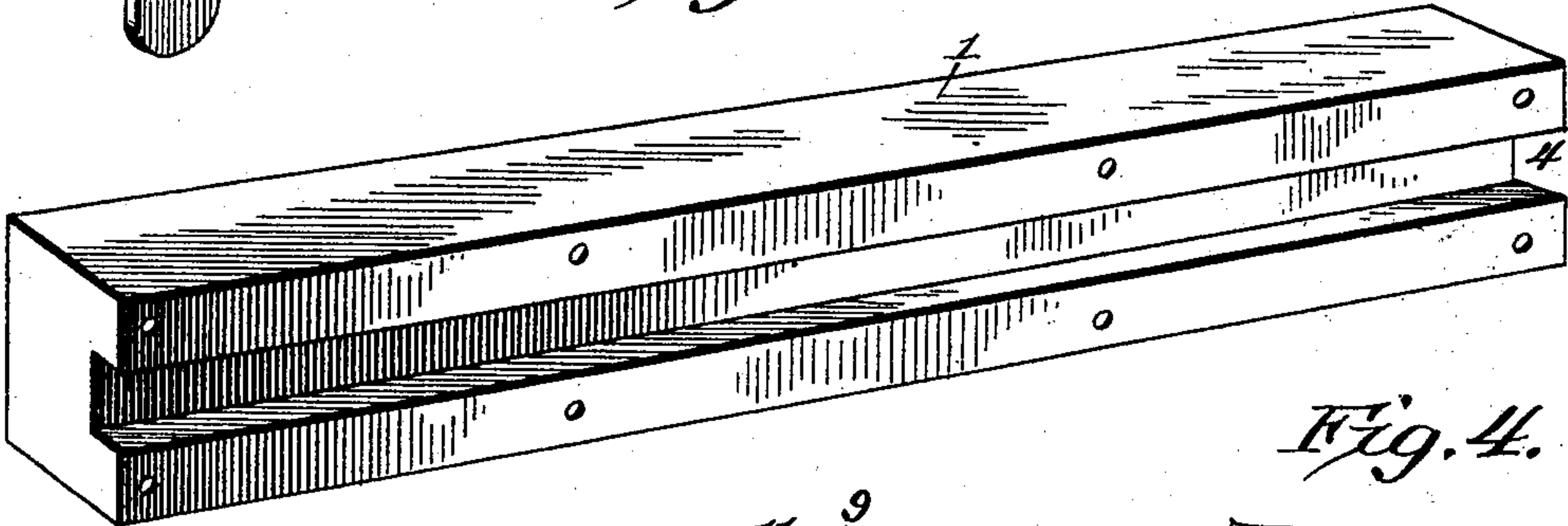


Fig. 4.

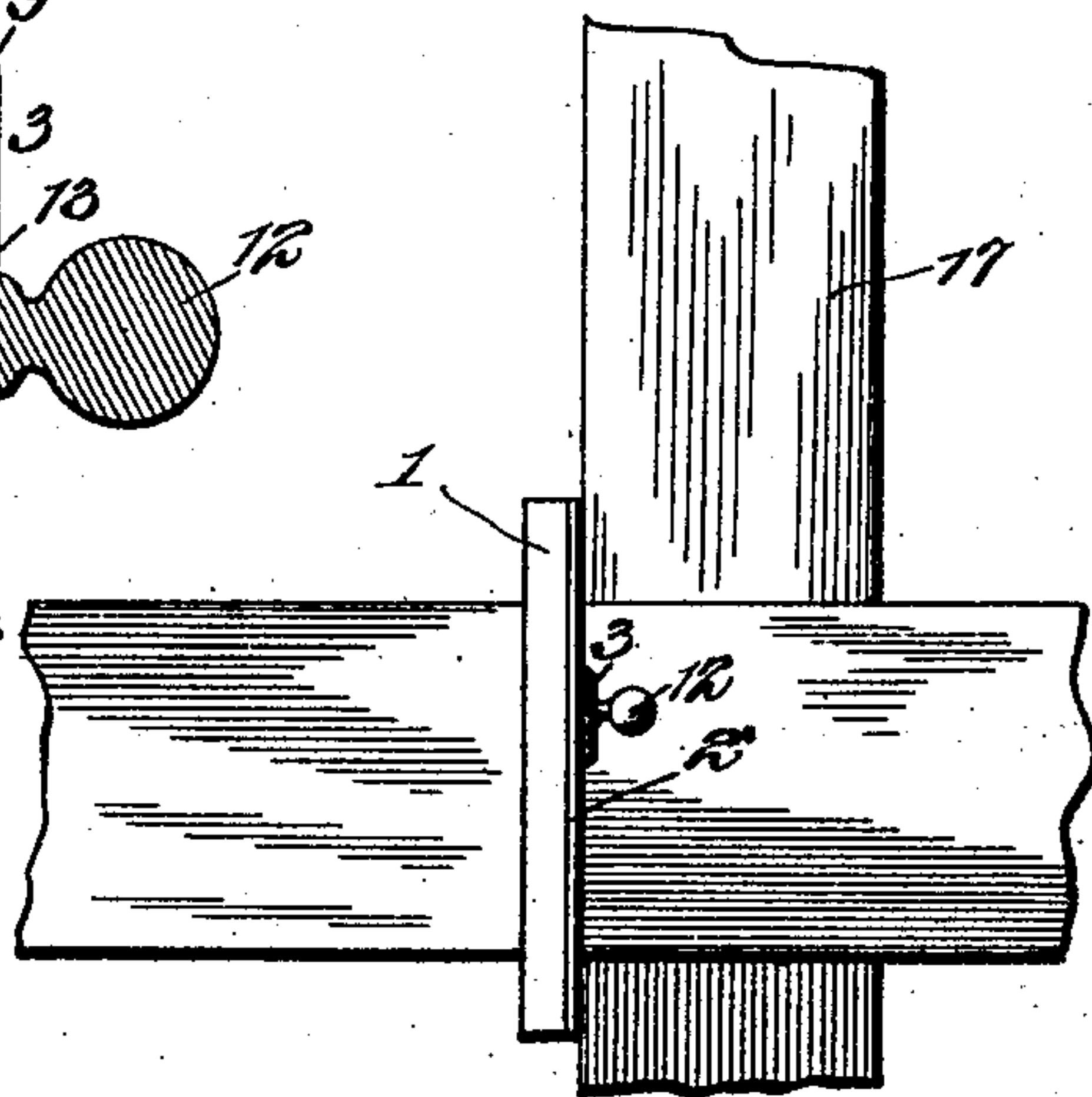


Fig. 5.

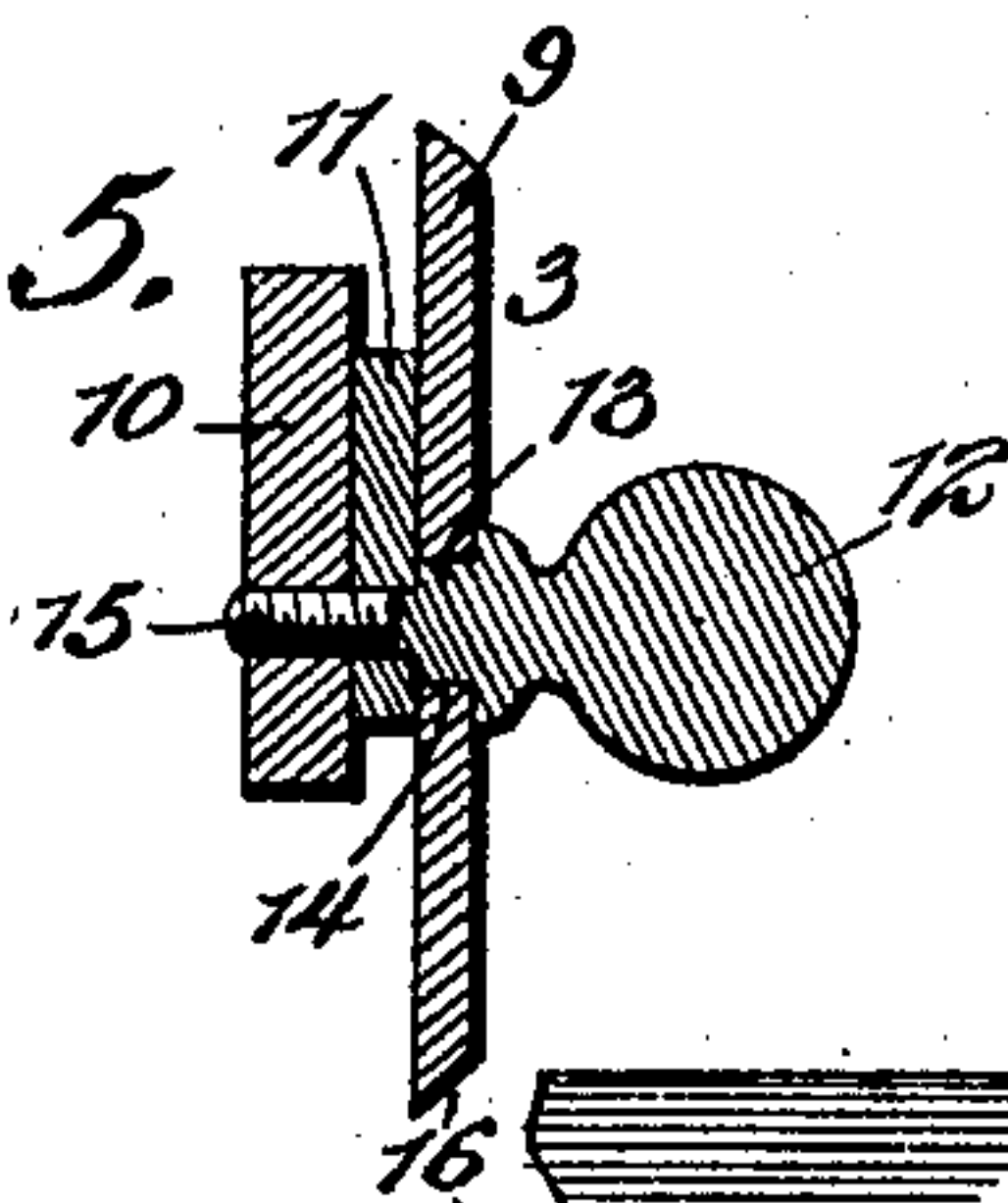
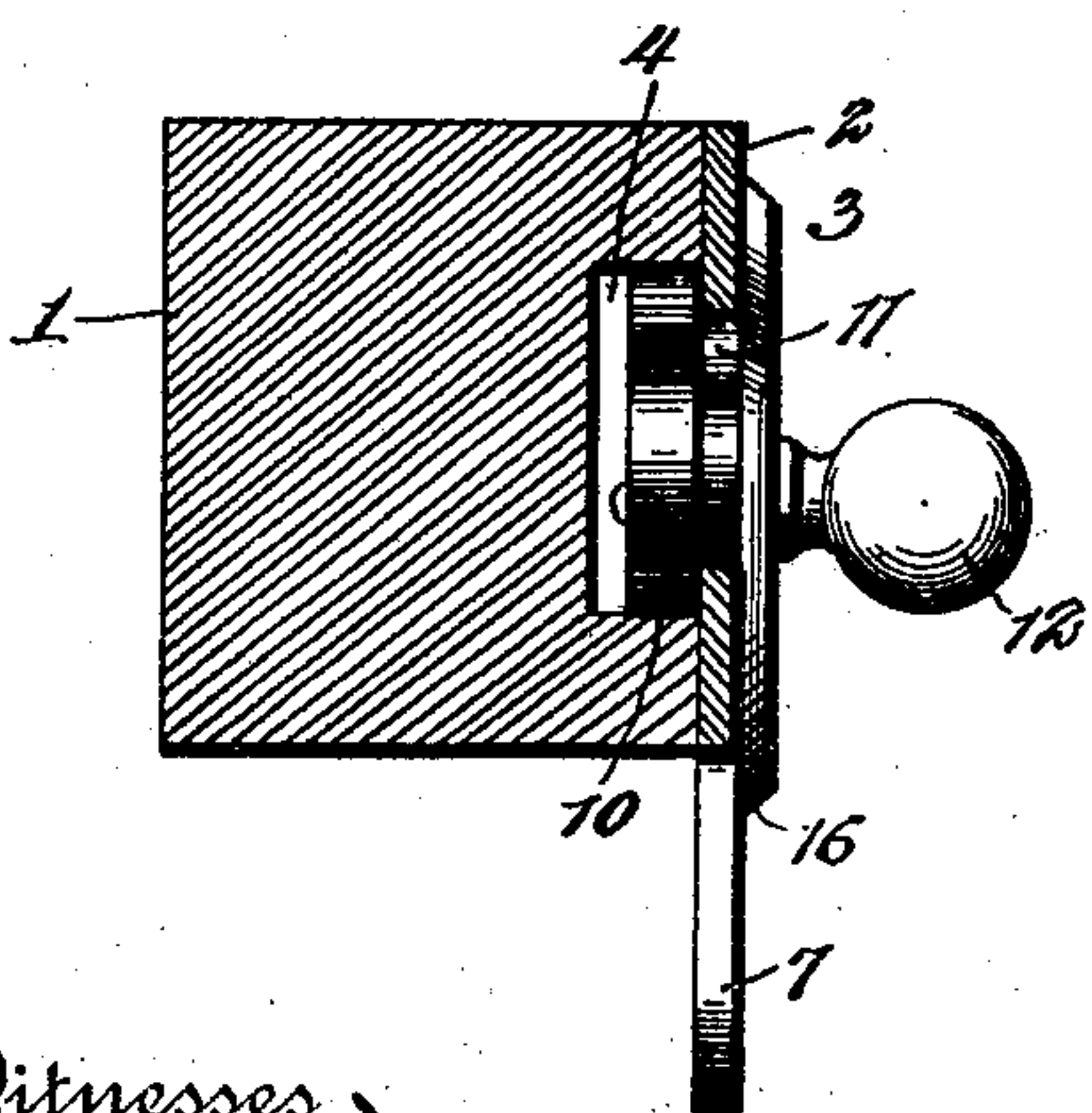


Fig. 3.



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ALBERT C. MAEDER, OF ST. JOSEPH, MISSOURI.

WEATHER-BOARD MARKER.

SPECIFICATION forming part of Letters Patent No. 690,595, dated January 7, 1902.

Application filed June 21, 1901. Serial No. 65,489. (No model.)

To all whom it may concern:

Be it known that I, ALBERT C. MAEDER, a citizen of the United States, residing at St. Joseph, in the county of Buchanan and State of Missouri, have invented a new and useful Weather-Board Marker, of which the following is a specification.

This invention relates to weather-board markers, and has for its object to provide a tool of the character specified which will combine great simplicity of construction, high efficiency and durability in use, readiness and ease in the manner of manipulation, and cheapness of production.

A further object is to render the tool equally well adapted for marking either straight or warped lumber.

A further object is to provide simple and effective means for holding the marker proper in close assemblage with its guide, whereby the marking of true lines will be effected with certainty.

A further object is to provide a marker constructed and operated in such manner as to insure long service without becoming dulled.

With these and other objects in view, as will readily appear as the nature of the invention is better understood, the same consists in the novel construction, combination, and arrangement of parts of a weather-board marker, hereinafter more fully described, illustrated, and claimed.

In the accompanying drawings, forming a part of this specification, and in which like numerals of reference indicate corresponding parts, I have illustrated a form of embodiment of my invention capable of carrying the same into effect, it being understood that the exact arrangement of parts, their proportions, and the manner in which they coöperate with relation to each other may be modified or changed without departing from the spirit of the invention, and in these drawings—

Figure 1 is a view in perspective, exhibiting the marking-tool constructed in accordance with my invention. Fig. 2 is a detached detail view in perspective of the frame or body of the tool. Fig. 3 is a view in transverse section, showing more particularly the coöperative relation existing between the parts of the marker when assembled. Fig. 4 is a view in perspective, showing the manner in which

the tool is employed in use. Fig. 5 is a detail sectional view taken through the rotary marking-disk and the supporting-stem therefor.

Referring to the drawings, 1 designates the frame or body of the marker, 2 the guide-plate, and 3 generally the scribe or marker.

The frame or body 1 is constructed, preferably, of wood, or it may be made of any other material suited to the purpose, and is provided on one side with a longitudinal groove or recess 4 to be engaged by parts of the scribe or marker to be described farther on.

The guide-plate 2 is constructed of metal and is provided with a longitudinal slot 5 of less length and width than the groove 4 in the frame or body and is held assembled with the frame or body by screws or rivets 6, of which there may be any preferred number. Each end of the guide-plate is provided with an arm 7, extending at right angles to the length of the plate and serving as a means for holding the tool in proper position with relation to a piece of lumber to be marked. As

a matter of convenience and to add to the utility of the tool, one edge of the guide-plate is laid off into a measuring-rule, as shown at 8. While this rule will generally be associated with the guide-plate, it is to be understood that it may be dispensed with without departing from the scope of my invention. The scribe or marker 3 comprises

a roller-marker 9, two disks 10 and 11, and a knob 12, having a shoulder 13 to engage a central opening 14 in the roller-marker 9 and with a threaded shank 15 to engage threaded openings in the disks 10 and 11, the two disks by preference being made of one piece of metal and constituting in operation a guide or slidable connection between the marking-disk and the body of the device. The disk 11 is of a size to fit snugly in the slot 5 of the guide-plate and to lie flush at its outer edge, and the disk 10 is of a size to fit snugly in the groove 4 of the back plate and to bear against its opposed walls. As will be observed by reference to Figs. 3 and 5, the connection between the shank of the knob and the disks 10 and 11 is eccentric to the latter, while the connection between the knob and the roller-marker 9 is concentric with the latter. The object in having the disks 10 and 11 eccentrically connected with the shank of the knob

is to permit of rotation of the shank or stem, and thereby adjustably move the guide-disks eccentrically with respect to the marking-disk, thereby to adjust the latter in an edge-wise direction, so as to enable the roller-marker 9 to mark hollow or warped boards, which could not be effected were the connection between the disks and the knob concentric. The marking edge of the roller-marker 9 is ground at a bevel, as shown at 16, whereby to cause the marking edge to be exactly parallel with and closely abut the face of the guide-plate 2, so that in the marking of a line there will be no space between the guide-plate and the marking edge.

Where a siding is to be marked so as to be cut to fit the corner board or casing in weather-boarding a house, the arms 7 straddle the board and bear against the inner edge of a corner board or casing 17, as shown in Fig. 4. The operator then grasps the knob and moves the marker across the board, the marker-wheel in operation rolling over the board and making a clean and clear cut from side to side thereof. By reason of the fact that the wheel rolls on the board instead of being dragged thereover, as with an ordinary scribe, the cutting edge of the wheel will remain sharp for a long time and when dulled may readily be sharpened. Further, owing to the fact that the wheel has an eccentric movement due to the eccentric connection between the knob and the disks 10 and 11, as described, should the board be warped the operator may readily turn the wheel to project the face a sufficient distance beyond the lower face of the guide-plate to permit the wheel to contact with the board.

From the foregoing description it will be seen that although the device of the present invention is of an exceedingly simple construction it will be thoroughly efficient for the purpose designed, and it is equally well adapted to mark either right or left, as when marking from the right the left hand of the operator will hold the tool in place and the right hand will move the roller-marker, and when left-hand marking is done the operator will hold the tool in place with the right hand and the left hand will move the marker.

From the foregoing it is thought that the construction, operation, and many advantages of the herein-described invention will be apparent to those skilled in the art without further description, and it will be understood that various changes in the size, shape, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

What I claim is—

1. A device of the character described, com-

prising a body, a rotatably-adjustable marker-guide which is normally fixed against rotation and is slidably mounted upon the body, and a marker eccentrically carried by the guide, whereby rotary adjustment of the guide produces a lateral adjustment of the marker toward and away from the work.

2. A device of the character described, comprising a body having a groove, and a marking device embodying a shank having a handle at its outer end, a marking-disk rotatably mounted upon an intermediate portion of the shank, and a fixed guide-disk carried eccentrically by the opposite end of the shank and slidably mounted within the groove of the body, the shank and guide-disk being adjustably rotatable with respect to the marking-disk to adjustably move the latter in an edgewise direction.

3. A weather-board marker comprising a frame having a longitudinal groove, a guide-plate carried by the frame and having a longitudinal slot, and a marking-wheel having associated therewith two eccentrically-disposed disks, one to engage the groove in the frame and the other the slot in the guide-plate.

4. A weather-board marker comprising a frame provided with a groove, a guide-plate carried by the frame and provided with a slot, a marking-wheel, two disks, one of which engages the groove, and the other the slot, and means for eccentrically connecting the disks to the wheel.

5. A weather-board marker comprising a body having a longitudinal groove, a plate applied to the grooved face of the body and provided with a longitudinal slot corresponding to and narrower than the groove, and said plate also being provided with opposite laterally-directed stop shoulders or projections, and a movable marking device consisting of a rotatable disk, a shank inserted loosely through the center of the disk and provided at its outer end with a handle, a guide-disk eccentrically fixed upon the inner end portion of the shank and working in the slot of the plate, and a larger fixed disk also eccentrically carried by the inner end of the shank and working in the groove of the body, the latter disk having a diameter to overlook the edge of the slot in the plate, the shank and the two eccentric guide-disks being simultaneously rotatable to adjust the marking-disk in an edgewise direction.

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

A. C. MAEDER.

Witnesses:

GEO. W. GROVER,
H. M. RAMEY, Jr.