No. 652,256. Patented June 26, 1900.

# T. B. FARMER.

## WEATHER BOARDING GAGE.

(Application filed Mar. 15, 1900.)

(No Model.)

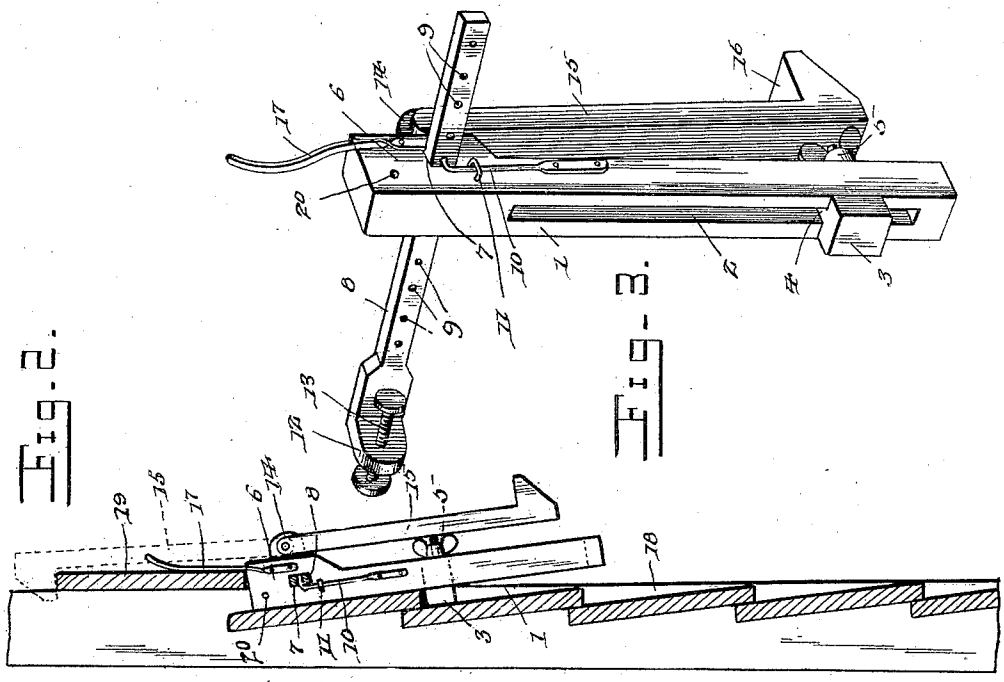

Fig. 2.



Fig. 3.

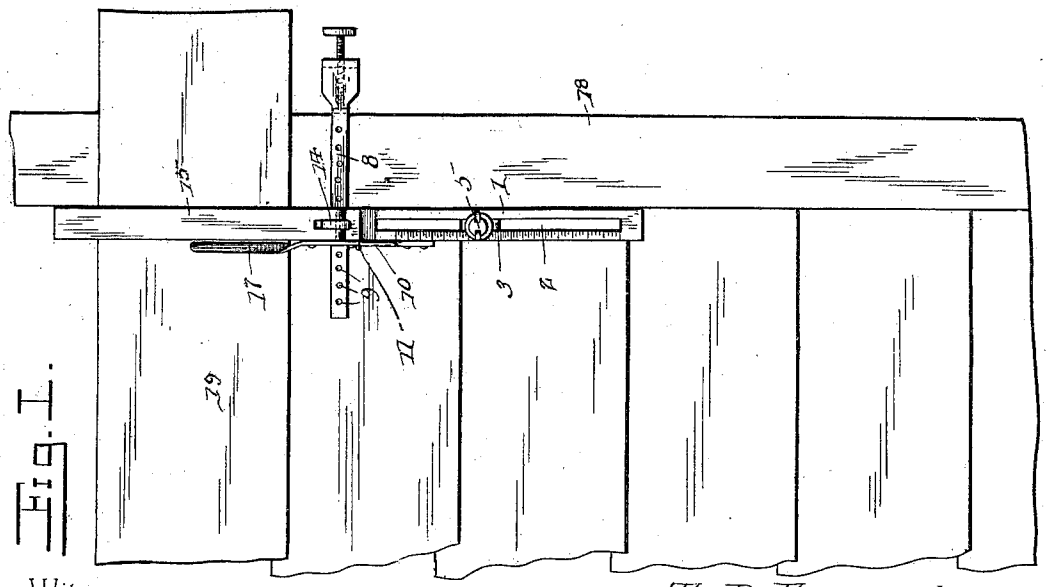

Fig. 1.

Witnesses
F. E. Alden.

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By His Attorneys,

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# UNITED STATES PATENT OFFICE.

THOMAS B. FARMER, OF EXETER, NEBRASKA.

## WEATHER-BOARDING GAGE.

SPECIFICATION forming part of Letters Patent No. 652,256, dated June 26, 1900.

Application filed March 15, 1900. Serial No. 8,767. (No model.)

*To all whom it may concern:*

Be it known that I, THOMAS B. FARMER, a citizen of the United States, residing at Exeter, in the county of Fillmore and State of Nebraska, have invented a new and useful Weather-Boarding Gage, of which the following is a specification.

This invention relates to weather-boarding gages, and has for its object to provide an improved device of this character which is designed for adjustable application to one of the corner-posts of a building, so as to support the individual weather-boards in order that they may be properly marked for sawing off the required lengths. It is furthermore designed to accommodate the device to corner-posts of different sizes and also to weather-boards of different widths, so that the several boards may be properly overlapped and supported for nailing.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes in the form, proportion, size, and minor details may be made within the scope of the claims without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a front elevation showing the present gage applied in position for supporting and marking a weather-board upon the end-post of a building. Fig. 2 is a side elevation thereof, showing the weather-boarding in section. Fig. 3 is an enlarged detail perspective view of a gage constructed in accordance with the present invention.

Corresponding parts in the several figures of the drawings are designated by like characters of reference.

Referring to Fig. 3 of the drawings, it will be seen that the present device comprises a straight rectangular body 1, which is provided with a longitudinal slot 2, extending for the greater part of the length of the body. Mounted upon the inner face of the body is a slidable support or shoulder 3, having a shank 4, which slidably extends through the slot 2 and is provided at its opposite outer end with a thumb-nut 5 to bind against the outer face of the body, so as to support the shoulder at any adjusted point upon the body. The upper end of the body is provided with an outwardly-enlarged head 6, having a slot or perforation 7, that extends entirely through the head and is disposed at substantially right angles to the slot 2 and above the latter. Slidable within this opening is an adjustable clamping-arm 8, which is provided with a plurality of perforations 9 to receive the free end of a substantially L-shaped spring-actuated catch or pawl 10, that is mounted upon one longitudinal side of the body. This pawl is preferably formed by means of a spring-arm, which has its free portion confined within an eye or staple 11, that is driven into the adjacent side of the body, so as to protect the arm. One end of the clamping-arm is provided with a lateral shoulder or flange 12, which is provided with a screw-threaded perforation to receive a suitable binding-screw 13, which is disposed longitudinally of the arm and inwardly toward the body, the head of the screw being at the outer end of the arm, so as to be in position for convenient operation. Projecting outwardly from the outer face of the head of the body is a bearing-ear 14, which is pivotally or hingedly received within a bifurcation or slot formed in the inner end of the foldable arm 15, so that this arm may be folded or swung upwardly or downwardly, as plainly illustrated in the drawings. The free end of this arm is provided with a lateral flange or shoulder 16, which projects inwardly over the upper end of the body when the arm is in its elevated position. A spring-arm 17 is secured to the upper portion of the body, so as to extend a suitable distance above the upper end thereof, and is bowed toward the inner face of the body.

In the application of the device, as shown in Figs. 1 and 2, the body is placed against the inner side of an end post 18, so that the latter is received between the body and the binding-screw 13 and the latter is set against the post to support the gage thereon. It will now be apparent that the clamping-arm 8 is adjustable to accommodate the device to posts

of different sizes. After the gage has been secured in place a weather-board 19 is then placed upon the upper end of the body, so as to be supported in its proper place and to permit of the board being marked along the side of the foldable arm 15 to indicate where the board should be cut off, so that it may fit against the inner face of the post in the usual manner. It will of course be understood that a similar gage is employed to support the other end of the board, and therefore the gages are to be constructed in pairs of right and left members. After the board has been cut to fit the post it is again supported upon the upper ends of the opposite gages, the foldable arm 15 being swung downwardly, as shown in Fig. 2, so as not to interfere with the adjacent end of the board, and the latter is temporarily held in place by means of the spring-arm 17, so that the board may be conveniently nailed in place. The stop-shoulder 13 is adjustable, so that it may be moved upon the body according to the width of the weather-boards, in order that the latter may be accurately and equally overlapped. It will be understood that the stop-shoulder 3 is placed against the lower edge of the uppermost board, already secured in place, prior to the securing of the device to the post, so that the board to be secured may be supported in its proper place with relation to the other boards.

In some instances it may not be convenient to use the clamping-arm 8, as there may be no room for the binding-screw beyond the end post, and to provide for such a contingency an opening or perforation 20 is formed transversely through the upper end of the body in the same direction as the arm 8 and designed to receive a suitable fastening, such as a nail, to be driven into the adjacent side of the post, so as to conveniently support the device thereon.

What is claimed is—

1. In a weather-board gage, a body, having a longitudinal slot, and a transverse slot near its upper end and at substantially right angles to the longitudinal slot, a vertically-adjustable shoulder located upon the inner side of the body, and provided with a shank slidably received within the longitudinal slot, a thumb-screw carried by the shank, a transverse clamping-arm slidable through the transverse slot, and provided at one end with a lateral inwardly-directed flange or shoulder, a binding-screw carried by the flange or shoulder and extending inwardly toward the body, a substantially L-shaped spring-catch carried by the body and working across one end of the transverse slot to engage the lateral arm, a spring-arm projecting above the upper end of the body, and a foldable arm hingedly connected to the upper end of the body, and provided with a lateral shoulder at its free end.

2. In a weather-board gage, the combination with a body, having a stop-shoulder upon its inner side, and a transverse opening or slot extending entirely through the body and in a plane at substantially right angles to that of the body and the shoulder, a substantially L-shaped spring-catch mounted upon the body and working across one end of the slot, and a clamping-arm adjustable through the slot, and having perforations for engagement by the spring-catch, a lateral flange or shoulder, and a binding-screw extending toward the body.

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

THOMAS B. FARMER.

Witnesses:
ELULA SMITH,
RUTH M. ROGERS.