S. G. BIGELOW.

Improvement in Weatherboard Gauges.

No. 124,028. Patented Feb. 27, 1872.

Fig. 1

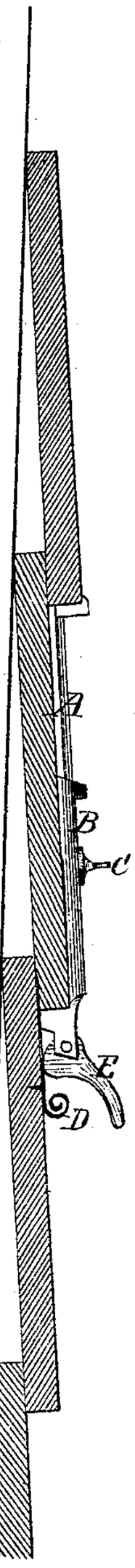

Fig. 2

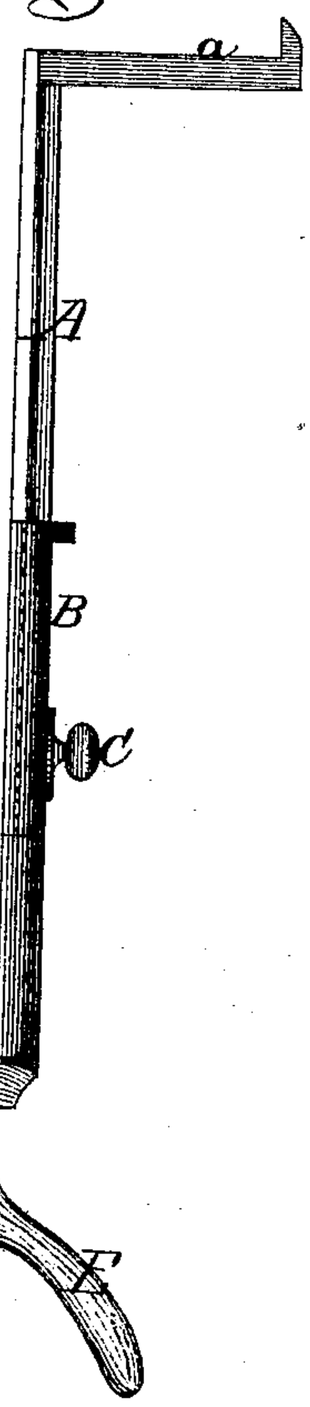

Fig. 3

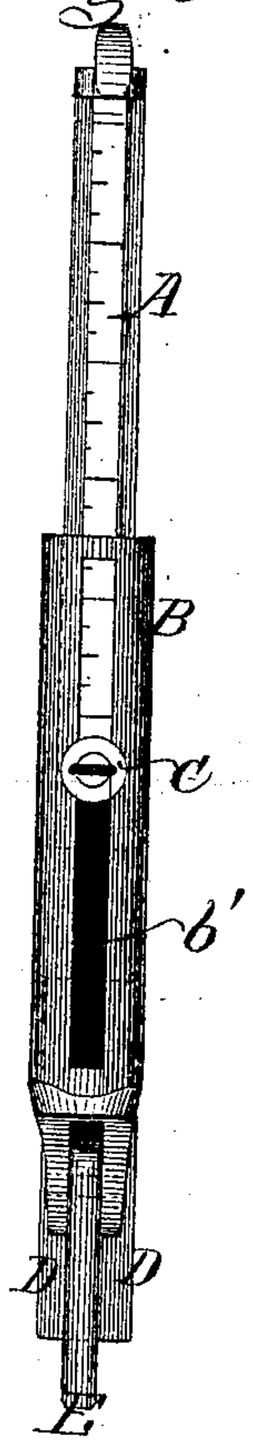

Fig. 4.

Attest
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Attys

124,028

UNITED STATES PATENT OFFICE.

SETH G. BIGELOW, OF SILVER LAKE, ASSIGNOR TO HIMSELF AND J. M. BURIDGE, OF NORTH MANCHESTER, INDIANA.

IMPROVEMENT IN WEATHERBOARD GAUGES.

Specification forming part of Letters Patent No. 124,028, dated February 27, 1872.

Specification describing a certain Improvement in Weatherboard Gauges, invented by SETH G. BIGELOW, of Silver Lake, in the county of Kosciusko and State of Indiana.

This invention relates to that class of implements which are used by carpenters in weatherboarding, for convenience in holding up a board—first, for marking it previous to sawing it to the required length, and then for sustaining it while it is being nailed to the casing; and my improvement consists in combining with an adjustable supporting-bar a spring blade to enter under the lap of the last board, secured and provided with inwardly-projecting studs or spurs, which, after the insertion of the blade are forced into the board beneath by a cam-lever, hinged to the supporting-bar, so as to hold the implement firmly in place.

Figure 1 is a section of weatherboarding, with my improved implement in proper position, holding up the uppermost board. Fig. 2 is a sectional side elevation of the gauge. Fig. 3 is a front elevation thereof. Fig. 4 is a horizontal section. Fig. 1 is drawn on a smaller scale than the other figures.

The same letters of reference are employed in all the figures in the designation of identical parts.

The supporting-bar is composed of two parts, A and B, which are capable of sliding upon each other to adapt the bar to boards of varying widths, and can be clamped to each other rigidly by means of the set-screw C. The part A has an outwardly-projecting arm, *a*, for the support of the loose board, and is arranged to slide in a suitable vertical slot, *b'*, in the part B. It also has a scale upon its back, as shown in Fig. 3, to indicate in inches the distance between the arm *a* and the inwardly-projecting arm *b* of the part B, which will be the width of the weather-face of each board, the arm *b* being brought up against the lower edge of the last-secured board, as seen in Fig. 1. Upon the end of the arm *b* the spring blade D is secured, the upwardly-projecting end of which is pushed under the lap of the uppermost fixed board to secure the gauge against displacement outwardly. The downwardly-projecting portion of this spring blade D is turned outwardly enough that the spurs *d* on it will be held clear of the board beneath in inserting its upper end in the joint, as stated. The cam-lever E, which is hinged to lugs on the arm *b*, is used to drive the spurs *d* into the board as soon as the gauge has been arranged in proper position, thereby securing it against vertical displacement.

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

The supporting-bar, composed of the adjustable parts A and B, in combination with the spring blade D, having spurs *d* and the cam-lever E, substantially as and for the purpose specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

SETH G. BIGELOW.

Witnesses:
J. F. HILL,
J. M. BURIDGE.