(No Model.)

R. H. GREENE.

GAGE BRACKET.

No. 434,777. Patented Aug. 19, 1890.

Fig. 1.

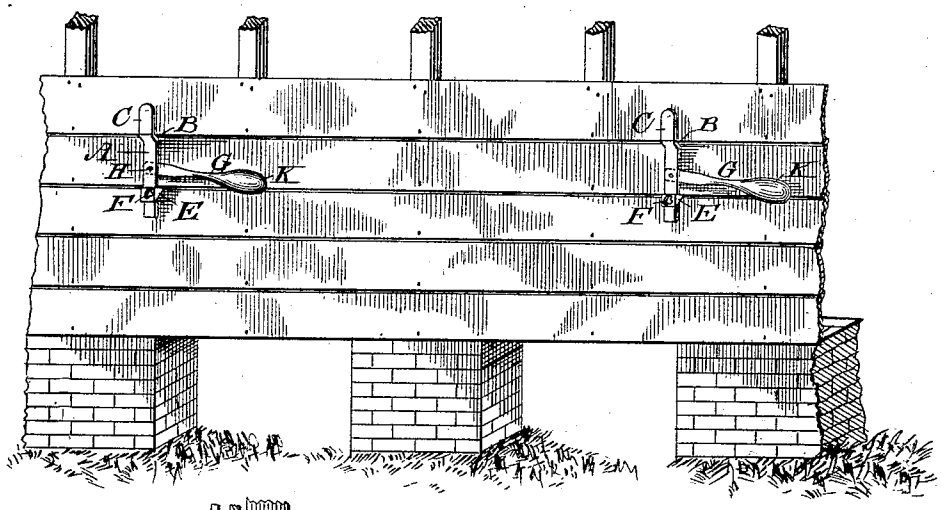


Fig. 2.

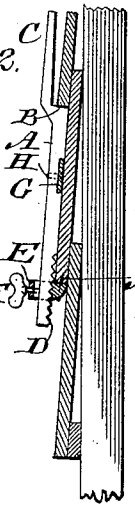


Fig. 3.



Fig. 5.

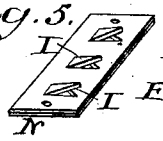
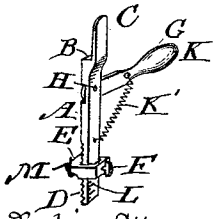


Fig. 4.



Witnesses

H. C. Newman.

E. S. Newman.

Inventor

R. H. Greene

By his Attorneys

Hopkins & Atkins.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

ROBERT H. GREENE, OF BIRMINGHAM, ALABAMA.

GAGE-BRACKET.

SPECIFICATION forming part of Letters Patent No. 434,777, dated August 19, 1890.

Application filed November 15, 1889. Serial No. 330,444. (No model.)

To all whom it may concern:

Be it known that I, ROBERT H. GREENE, of Birmingham, in the county of Jefferson and State of Alabama, have invented an Improved Gage-Bracket for use in Weather-Boarding, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to weather-board gage-brackets which in use are secured to the weather-board last nailed to place by means of pins or points; and its object is to produce such a gage-bracket of simple construction adapted to be adjusted to suit different widths of weather-boards and to be quickly fastened in place for gaging and holding a loose board in position to be nailed.

In the accompanying drawings, illustrating my improved device, Figure 1 is an elevation of a part of a building, showing weather-boarding and the application of my invention to use. Fig. 2 is a cross-section drawn on a larger scale, giving a side view of my improved weather-boarding gage as applied in practice. Fig. 3 shows a lever detached, also drawn on a larger scale. Fig. 4 is a perspective view of my weather-board gage detached and in slightly-modified form, showing a spring for the lever. Fig. 5 shows a perspective view of a pin-plate detached from the lever and drawn on a still larger scale.

Referring to the letters upon the drawings, A indicates a bracket-piece provided with a shoulder at B and with a guard-piece C for holding a loose board in place to be nailed. The lower end of the piece A is preferably provided with notches and teeth or a serrated surface D. It is also provided with a slotted movable foot-piece E, adapted to slide up and down on the piece A and to be set in any desired position where it may be firmly held by a thumb-screw F. One wall of the slot in the foot-piece next the serrations upon the piece A is preferably correspondingly serrated.

G indicates a lever pivoted to the piece A at H, so as to project to one side, and provided with downwardly-projecting pins or points I, adapted to be forced into the surface of the board last nailed to place by pressure upon the lower handle, which may be weighted, as indicated by enlargement at K, or may be provided with a spring K′, tending to draw it downward. The pins are preferably stamped out of a soft thin plate of steel N and then hardened afterward and secured to the lever, and they may be about one-eighth of an inch in length and V-shaped. Teeth formed in this way will easily enter the surface of the nailed board by pressure without splitting it and will not deface it, and yet will be sufficient to hold the bracket and its load firmly. If desired, the outer surface of the bracket may be graduated, as shown at L, and also, if desired, the toe of the foot-piece E may have a slight thin right-angular upward projection M for insertion in the lower edge of the nailed board; but these features are not essential. I thus provide a very simple and effective weather-board bracket, which may quickly be applied by pressing it to place against the nailed board and relying upon the spring or the weighted lever, assisted, if need be, by hand to press the pins into the nailed board, all of which is the work of but an instant.

What I claim is—

In a weather-board gage, the combination, with the bracket-piece A, provided with a shoulder at B and a guard-piece C, of the lever G, pivoted to the bracket-piece, so as to project out at one side, and provided with a steel plate having downwardly-projecting pins I, stamped out from it, and the adjustable foot-piece E, substantially as set forth.

In testimony of all which I have hereunto subscribed my name.

ROBERT H. GREENE.

Witnesses:

C. W. HICKMAN,

JNO. S. KENNEDY.