

(No Model.)

B. S. PORTER.

BRACKET.

No. 302,157.

Patented July 15, 1884.

Fig. 1.

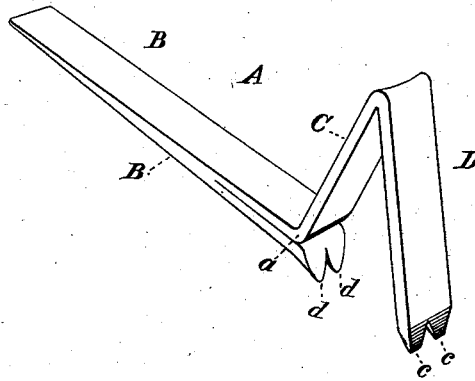
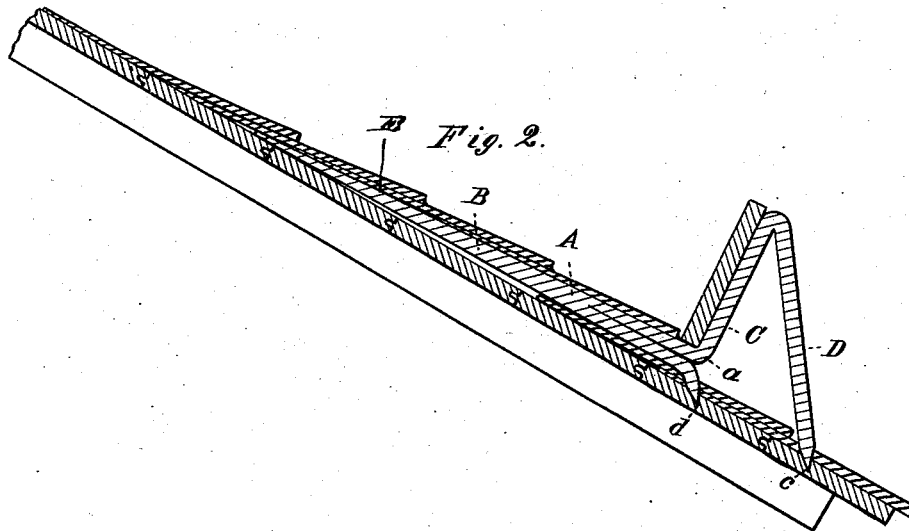


Fig. 2.



WITNESSES

Villette Anderson.
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UNITED STATES PATENT OFFICE.

BENJAMIN S. PORTER, OF RED OAK, IOWA.

BRACKET.

SPECIFICATION forming part of Letters Patent No. 302,157, dated July 15, 1884.

Application filed March 18, 1884. (No model.)

To all whom it may concern.

Be it known that I, BENJAMIN S. PORTER, a citizen of the United States, residing at Red Oak, in the county of Montgomery and State of Iowa, have invented certain new and useful Improvements in Shingling-Brackets; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of this invention, and is a perspective view. Fig. 2 is a vertical section and shows the bracket in position on a roof.

This invention has relation to a bracket for supporting a staging on a slanting roof while shingling, slating, repairing, &c., and has for its object to provide a bracket which can be securely fixed and braced, and also easily removed. I attain these objects by means of the construction illustrated in the accompanying drawings.

The letter A represents the bracket, which consists of the long wedge-shaped part B, bent at right angles at *a*, forming the support C, which is bent at an acute angle at its upper end, so as to form the brace D, which terminates in two sharp points, *c c*, these points extending slightly below the plane of the under surface of the wedge-shaped part B. At the angle *a*, under the part B, are provided similar points, *d d*, inclined in the same direction as the points *c c*.

When the brackets are to be used, two or more of them are placed with the wedge-shaped

parts B inserted at intervals under a course of shingles, as at E, the supports C standing at right angles to the roof. A board is then placed on the supports C C, with its broad surface resting against the supports, and thus a staging is formed. Any pressure on the staging will then push the points *c c* and *d d* into the roof and firmly secure the bracket. The bracket is easily removed by pressing on the front surface of support C, which causes the points *c c* and *d d* to be drawn out of the roof.

I am aware that it is not new to construct a roofing-bracket of a bar of metal having its rear portion bent upwardly to form a support and then downwardly at an acute angle to form a prop for the support, and having at its lower end teeth, and a flat spring secured to the horizontal portion having its forward free end provided with downwardly-projecting teeth, and therefore do not claim such construction, broadly; but,

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

As an improved article of manufacture, the bracket herein described, consisting of the wedge-shaped part B, provided at its rear end with inclined points *d d*, the support C, and brace D, forming an acute angle with the support C at its upper end, and terminating in the points *c c*, all made integral, substantially as and for the purposes specified.

In testimony whereof I affix my signature in presence of two witnesses.

BENJAMIN S. PORTER.

Witnesses:

H. H. PALMER,
GEO. E. FISHER.