(No Model.)

W. A. SHARPE & J. A. CRENSHAW.

SHINGLING BRACKET.

No. 341,950. Patented May 18, 1886.

Fig. 1.

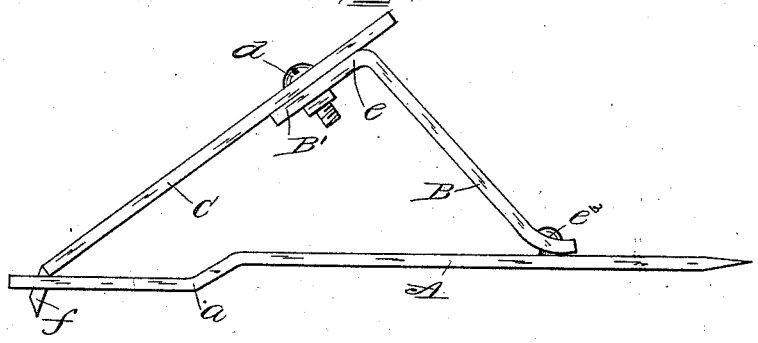
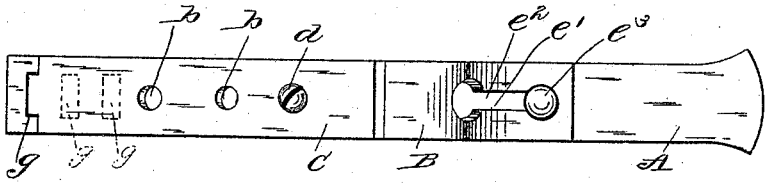


Fig. 2.



WITNESSES.

Howard S. Schmidt

J. Nolan McGill

INVENTOR.

W. A. Sharpe

J. A. Crenshaw

By Myers & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

WILLIAM AUSTIN SHARPE AND JOSEPHUS A. CRENSHAW, OF TAMA CITY, IOWA.

SHINGLING-BRACKET.

SPECIFICATION forming part of Letters Patent No. 341,950, dated May 18, 1886.

Application filed October 23, 1885. Serial No. 180,745. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM AUSTIN SHARPE and JOSEPHUS A. CRENSHAW, citizens of the United States of America, residing at Tama City, in the county of Tama and State of Iowa, have invented certain new and useful Improvements in Shingling-Brackets, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention has relation to improvements in brackets specially adapted for use in shingling the roofs of houses; and it consists of the detailed construction of its parts, substantially as hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a side view of our improved bracket, and Fig. 2 is a plan view of the same.

In the embodiment of our invention we construct the bracket of three members or plates, A B C, of which A is the base or roof member or plate, which rests upon the roof, and whose upper end is broadened and of somewhat chisel-shape to facilitate its insertion and retention under or between the shingles of the roof. Near the lower end the plate A is bent or offset, as at *a*, causing that portion to project downwardly and rest upon the next lower shingle, while its remaining portion rests upon an upper shingle. The member or plate B, which normally occupies a horizontal position, serves as a support for one end of the board or scaffold upon which the workman stands, the other end of the board or scaffold being likewise supported. The ends of the member or plate B are connected (one of which ends is bent downwardly, as at *e*) to the member or plate C, as presently described, while its other end is slightly curved upwardly and slotted, as at e', one end of which slot e' terminates in an aperture e^2, through which aperture e^2 the head of a bolt, e^3, projecting from the upper side of the plate A, is first passed, the bolt e^3 then being moved along the slot until the opposite end of said slot is reached, when the plate or member B will be secured at that end to the plate or member A. Near the upper end, and at suitable intervals along the same, the member or plate C, which stands vertically, is provided with apertures *b*, and to said plate or part C is connected the horizontal plate B, by a bolt, *d*, passed through the bent or depending portion *e*, of the plate B and the desired aperture *b* of the plate C. The series of apertures *b* permit of the adjustment of the plate B in accordance with the adjustment of the base or roof plate A, as will be hereinafter explained. The vertical plate or member C is caused to project at its upper end above the horizontal plate B, to prevent the sliding of the scaffold off the plate B. Said member or plate C is formed at its lower end with a chisel-shaped tooth or dog, *f*, which is caused to project vertically through any one of a number or series of apertures, *g*, made in the plate or member A, near the lower end, which tooth or dog is designed to penetrate or enter the shingles to aid the upper end of the plate A, inserted between the shingles, to firmly secure the bracket in place upon the roof. The series of apertures *g*, together with the apertures *b*, above referred to, are so arranged as to enable the plate A to have a number of adjustments, according to the pitch of the roof, as is obvious.

It is evident that slight changes in the construction and arrangement of the several parts of our invention may be resorted to without departing from the spirit of our invention, and hence we would have it understood that we do not limit ourselves to the exact construction and arrangement of parts shown and described.

We are aware that it is not new to provide shingling-brackets with members so connected together as to be adjustable at different points, and that suitable means has been employed to provide for the retention in position of the same; but our invention is designed as an improvement over such devices in the particulars hereinbefore set forth.

Having thus fully described our invention, what we claim, and desire to secure by Letters Patent, is—

1. The bracket comprising several members, the base or lower one having its upper end broadened and of approximately chisel shape, and the vertical member formed with a tooth or dog projecting through the base or lower member, and having a series of apertures at

its upper end and projecting above the horizontal member or plate, substantially as and for the purpose set forth.

2. The bracket comprising several members, the base member having a number of apertures near its lower end, and the vertical member having at its lower end a tooth or dog passing through said apertures of the base member and connected to the horizontal member by a bolt passed through an aperture in the said vertical member, and through the bent or depending portion of the said horizontal member, substantially as and for the purpose set forth.

3. The bracket with its base-plate provided with an offset near its lower end, to allow its offset portion to rest upon a plane lower than that upon which its remaining portion rests, and having apertures for reception of a tooth or dog of the vertical member, substantially as and for the purpose set forth.

4. The bracket comprising several members, the base member having its lower end offset and provided with a series of apertures, the vertical member having a series of apertures near its upper end, and a tooth or dog at its lower end passing through the said apertures of the base member, and the horizontal member having one end adjustably connected to said vertical member and its other end provided with a slot terminating at one end into an aperture, substantially as and for the purpose set forth.

5. The bracket comprising several members or plates, the vertical member or plate projecting at its upper end above the upper horizontal member or plate to prevent the sliding off of the scaffold, and having a tooth or dog at its lower end, and apertures at its upper end for connecting the same to the horizontal member, substantially as set forth.

In testimony whereof we affix our signatures in presence of two witnesses.

WILLIAM AUSTIN SHARPE.
JOSEPHUS A. CRENSHAW.

Witnesses:
THOMAS W. CARTER,
W. F. STERLING.