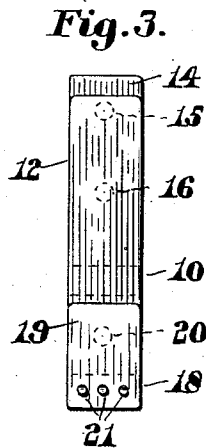
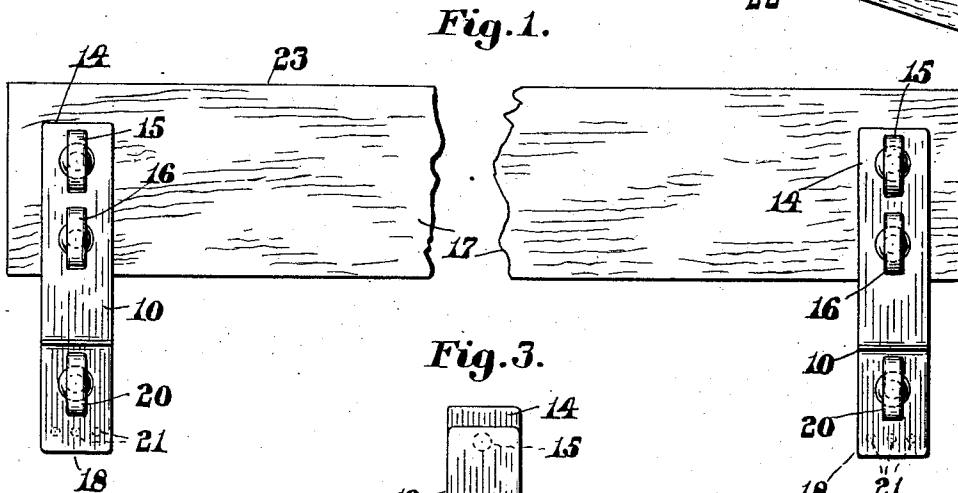
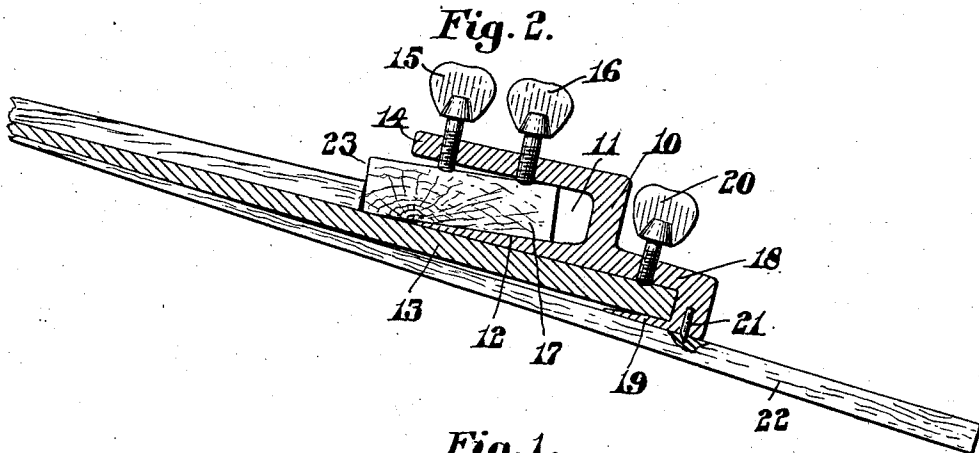


C. K. BROWN.
SHINGLING GAGE.
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1,047,613.

Patented Dec. 17, 1912.



Witnesses:
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UNITED STATES PATENT OFFICE.

CHARLES K. BROWN, OF MALDEN, MASSACHUSETTS.

SHINGLING-GAGE.

1,047,613.

Specification of Letters Patent.

Patented Dec. 17, 1912.

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To all whom it may concern:

Be it known that I, CHARLES K. BROWN, a citizen of the United States of America, and a resident of Malden, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Shingling-Gages, of which the following is a specification.

This invention relates to shingling gages, and has for its object the production of a device of this class which will be of simple construction and which may be used in connection with a straight edge so that the shingles as fixed to the roof will always be alined and with the various rows at the same distance apart. Usually three of these gages are used in connection with the straight edge, although it is obvious that if the straight edge is a short one two may be used equally as well.

The invention consists in certain novel features of construction and arrangement of parts which will be thoroughly understood by reference to the description of the drawings and to the claims hereinafter given.

Of the drawings: Figure 1 represents a straight edge broken away at the center and showing in plan two of the shingling gages supplied thereto. Fig. 2 represents a section through one of said gages, showing it affixed to two shingles and serving as a guide for the third row, and Fig. 3 represents an inverted plan of one of the gages.

Similar characters designate like parts throughout the several figures of the drawings.

In the drawings, 10 represents the body portion of one of the gages, this body portion being provided with a slot 11, the inner wall 12 of which is inclined forwardly and toward a shingle 13, on which said body portion is supported. The outer wall 14 of the slot 11 has extending therethrough two threaded members 15 and 16, the latter of which impinges upon a board or scantling 17 and retains this in adjusted position in said slot 11. This board or scantling serves as a straight edge and the other threaded member 15 bears upon the outer face thereof, and forces it against the inclined wall 12.

The body portion 10 is provided with a rearward extension 18 from the end of which extends inwardly a beveled finger 19 adapted to be inserted beneath a shingle such as the shingle 13 shown in Fig. 2 of the drawings. Threaded to the extension 18 opposite

the finger 19 is a clamping member 20 adapted to force said shingle 13 in firm contact against the inner face of said finger 19. From the lower face of the extension 18 projects a plurality of spurs 21 adapted to be forced into the shingle 22 previously fixed to the roof thereby assisting in retaining the gage in position. When a slightly inclined roof is being shingled these spurs are non-essential, but when the side wall of a building is being shingled it is quite advantageous to use them.

By the use of this gage any board or scantling having one of its edges straight may be used, the operator with his rule setting the front or straight edge 23 at the required distance from the bottom of the slot formed by the rearward extension 18 and finger 19. The board to be used is cut to the required length and preferably three of the gages are used in connection therewith. When once adjusted the device may be used until the shingling is completed, at which time the gages may be removed from the board or scantling and the latter may then be used for other purposes.

Many shingling gages have been constructed heretofore but most of them have been of considerable complication, making them expensive to construct and inconvenient to operate, while the majority of them require a specially prepared straight edge which is expensive while it is more or less inconvenient to carry around from job to job. With the present gage any board may be picked up on the job itself, provided it has a single straight edge, and utilized until the job of shingling has been completed.

It is believed that the operation and many advantages of the invention will be thoroughly understood from the foregoing.

Having thus described my invention, I claim:

1. A shingling gage comprising a body portion and having a finger adapted to be inserted beneath a shingle and means for clamping it thereto, said body portion being provided with a board receiving slot the inner wall of which is inclined toward said shingle.

2. A shingling gage comprising a body portion and having a finger adapted to be inserted beneath a shingle; means for clamping it thereto, said body portion being provided with a board receiving slot the inner wall of which is inclined toward said

shingle; and two threaded members extending through the outer wall of said slot and adapted for engagement with said board.

3. A shingling gage comprising a body
5 portion provided with a board receiving slot
the inner wall of which is inclined toward
said shingle; two threaded members extending
through the outer wall and adapted for
engagement with said board; a rearward ex-
10 tension having a finger adapted to be inserted
beneath a shingle; and a threaded member
adapted to clamp the device to said
shingle.

4. A shingling gage comprising a body
15 portion provided with a board receiving slot,

the inner wall of which is inclined toward
said shingle; two threaded members extending
through the outer wall and adapted for
engagement with said board; a rearward extension
having a finger adapted to be inserted 20
beneath a shingle; a threaded member
adapted to clamp the device to said shingle;
and a spur in the under face of said finger
adapted to engage another shingle.

Signed by me at 4 Post Office Sq., Boston, 25
Mass., this 22nd day of March, 1912.

CHARLES K. BROWN.

Witnesses:

NATHAN C. LOMBARD,
MARY C. SMITH.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."
