Oct. 25, 1927. 1,646,923

W. E. MARTENS

SHINGLE SCAFFOLD BRACKET

Filed April 7, 1926

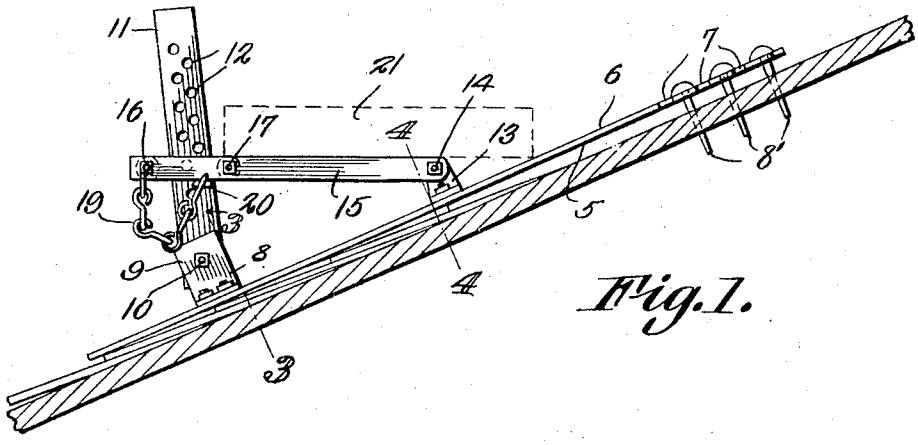


Fig. 1.

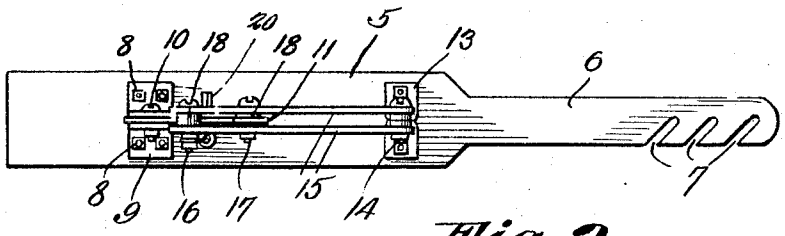


Fig. 2.

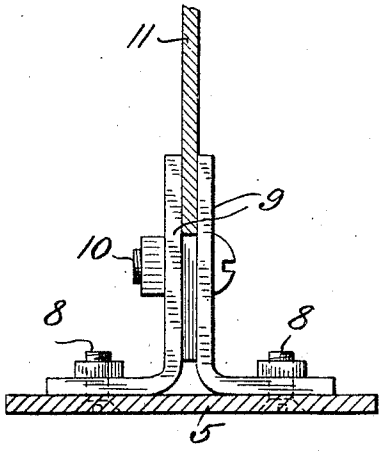


Fig. 3.

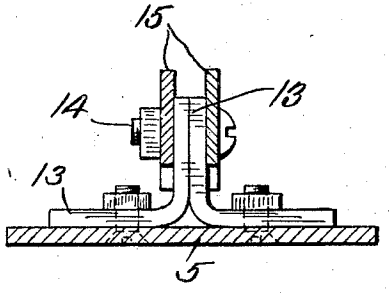


Fig. 4.

W. E. Martens Inventor,

By C. A. Snow & Co.

Attorneys.

Patented Oct. 25, 1927. 1,646,923

UNITED STATES PATENT OFFICE.

WILLIAM E. MARTENS, OF WHEATLAND, IOWA.

SHINGLE-SCAFFOLD BRACKET.

Application filed April 7, 1926. Serial No. 100,379.

This invention relates to scaffold brackets and aims to provide a novel form of bracket especially designed for use in the construction of shinglers' scaffolds.

The primary object of the invention is to provide a bracket of this character which may be secured against movement on a roof, novel means being provided whereby the scaffold may be adjusted to various angles, adapting the device for use in connection with roofs having various slopes.

A further object of the invention is to provide a device of this character which will be exceptionally cheap to manufacture and one which will be durable in construction.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

Referring to the drawing:

Figure 1 is a side elevational view illustrating a bracket constructed in accordance with the invention as secured to a roof, and supporting a scaffold board.

Figure 2 is a plan view thereof.

Figure 3 is a sectional view taken on line 3—3 of Figure 1.

Figure 4 is a sectional view taken on line 4—4 of Figure 1.

Referring to the drawing in detail, the device includes a base plate 5, which is elongated and provided with a reduced upper end portion 6 which is provided with angularly disposed spaced slots 7 adapted to be positioned over nails 8′ that are driven into one of the roofing boards to support the bracket.

Secured to the base plate 5 by means of bolts 8 are spaced supporting plates 9 that extend upwardly, there being provided a bolt 10 passing through the plates 9, which bolt 10 acts as a support for the bar 11 adapted to normally extend upwardly therefrom.

Formed in the bar 11 are a plurality of spaced openings 12 arranged in staggered relation with respect to each other for purposes to be hereinafter more fully described. Secured to the base plate 5 at a point substantially intermediate the ends thereof, are the upwardly extended ears 13 which are formed with openings to accommodate the bolt 14 that acts to secure the spaced arms 15 together, in such a way as to permit of pivotal movement of the arms 15 with respect to the base plate.

Bolts 16 and 17 respectively, are passed through openings formed in the arms 15, at points adjacent to the outer ends thereof, and on which bolts spacers 18 are positioned for holding the outer ends of the arms in spaced relation with each other.

The reference character 19 indicates a chain having one of its ends secured to the bolt 16, the opposite end thereof having connection with the cotter key 20 adapted to be passed through one of the openings 12 of the bar 11 at a point under the arms 15 so that the arms 15 will be held against downward movement with respect to the bar 11, or in a position to properly support a scaffold board which in the present drawing is shown in dotted lines and indicated by the reference character 21.

From the foregoing it will be obvious that due to this construction, the arms 15 which support the scaffold board 21, may be moved to various angles with respect to the base plate 5, and support the scaffold board at various angles to permit a shingler to operate with efficiency.

In view of the foregoing detail description, it is thought that a detail description as to the use of the device is unnecessary.

I claim:

A roof ladder bracket embodying an elongated base plate having a substantially wide portion and a contracted portion, upstanding ears secured to the base plate and arranged in spaced relation with each other, upstanding ears secured to the base plate at a point adjacent to the contracted portion, a bar pivotally supported between the first mentioned ears and having a plurality of openings formed therein, spaced arms secured to the second mentioned ears,

a spacer supported between the arms at the free ends thereof, a spacer supported between the arms and disposed an appreciable distance from the first mentioned spacer to provide a clearance for the pivoted bar, a removable pin carried by the arms and adapted to be positioned in the openings under the arms to support the arms in a horizontal position, and means for securing the base plate to a roof.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

WILLIAM E. MARTENS.