

P. WHITE.
ADJUSTABLE BRACKET.
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1,010,994.

Patented Dec. 5, 1911.

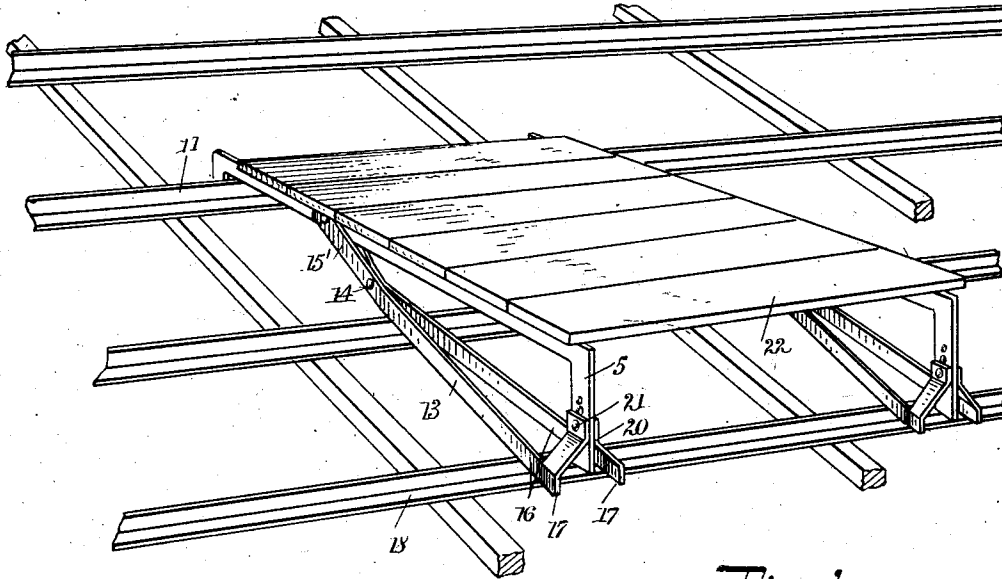


Fig. 1.

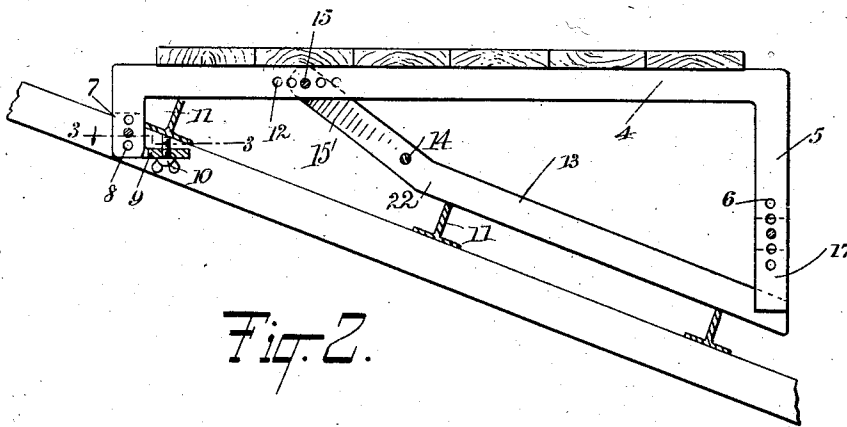


Fig. 2.

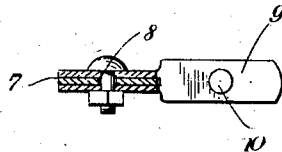


Fig. 3.

WITNESSES

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ADJUSTABLE BRACKET.

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To all whom it may concern:

Be it known that I, PATRICK WHITE, a citizen of the United States, and a resident of the city of New York, Long Island City, borough of Queens, in the county of Queens and State of New York, have invented a new and Improved Adjustable Bracket, of which the following is a full, clear, and exact description.

My invention relates to a new and improved form of bracket for scaffolding, more particularly adapted for use by tile setters on sloping constructions.

An object of my invention is to provide an adjustable bracket upon which may be placed scantling to form a horizontal scaffolding.

A further object of my invention is to so construct such an adjustable bracket as to be firmly placed upon an inclined roof and adapted to be readily removed to different positions on the roof.

I attain the above outlined objects by constructing a bracket of a general triangular shape, having an adjustable hook depending from one end to fit over a metallic framework of an unfinished roof, positioning two of these brackets apart on the roof and connecting the same by a scantling or board or boards, to form a readily constructed bracket.

With the above and other objects in view, as will more fully hereinafter appear, the present invention consists in certain novel details of construction and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and more particularly pointed out in the appended claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts on all the figures.

Figure 1 is a perspective view, showing a perspective embodiment of my invention applied to a roof construction; Fig. 2 is a side elevation of one of the brackets; and Fig. 3 is a view taken through the line 3—3 of Fig. 2, looking in the direction of the arrow.

Described more in detail, my bracket comprises a three-sided figure, one side 4 of which constitutes a support, extending from one end of which, and at right angles to the same, is a depending arm 5 having a series of apertures 6 extending therethrough. Ex-

tending from the opposite end of the support 4 from the depending arm 5 is a similar but shorter depending arm 7, having apertures 8 extending therethrough. Engaging one of the apertures 8 in the depending arm 7 is a plate 9 carrying a thumb screw 10, which thumb screw is adapted to bear against the under side of a horizontally-disposed roof member 11 to firmly fasten the bracket in position on said roof member. By means of the several apertures 8, the plate 9 may be adjusted vertically to fit different sized roof members 11.

The support 4 is recessed at 12 adjacent the end from which depends the arm 7, in one of which recesses is pivoted one end of an arm 13, which arm is preferably constructed of two plates fastened together at 14 intermediate their length, both ends of which member have their plates diverging from one another, the upper offset 15 straddling the support 4 and having a pin 15 passing through the upper end of the member 13 and through one of the apertures 12. The lower end of the member 13 is separated to form a V, as shown at 16, constituting spaced apart feet 17, thus affording a broad support to rest upon a roof member 18 extending parallel to the roof member 11. The upper ends of the feet 17 are bent inwardly and brought together as shown at 20, and extend upward at opposite sides of the depending arm 5, a pin 21 passing through the feet and through one of the apertures in the depending arm 5. It will be seen that by this construction the angle between the support 4 and arm 13 may be varied, depending upon the pitch of the roof, so that the support 4 may be maintained substantially in horizontal position. The V-shaped lower end of the member 13 is angularly bent at 22, to permit the member 13 to rest on two or more of the roof members 11 and at the same time to afford a broad rest for the bracket on the roof, irrespective of the distance between the roof members 11.

Two or more such brackets are disposed horizontally along the roof, and scantling 23 is permanently or removably positioned on said brackets, thereby affording a form, substantial and readily removable support for tile setters or other mechanics working on the roof.

Many changes could be made in the above construction and many apparently widely

different embodiments of this invention could be made without departing from the scope thereof. It is intended that all matters contained herein in the above description or shown in the accompanying drawings, shall be interpreted as illustrative and not in a limiting sense. It is also to be understood that the language used in the following claims is merely intended to cover all the generic and specific features of the invention herein described, and to cover the full scope of the invention, which, as a matter of language, might be said to fall therebetween, and that materials, sizes and relationships of parts are non-essential, except as called for in the claims.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A bracket adapted for use on sloping roof construction, comprising a horizontally disposed supporting member having arms depending from opposite ends, one of said arms having an adjustable hook member thereon adapted to engage a member of the framework of the roof, the other of said members having apertures extending there-

through, an arm pivoted to said support intermediate its length, said arm having spaced apart feet adapted to rest on the framework of the roof, said feet having members removably in engagement with the said apertured depending arm, whereby said support may be maintained in horizontal position.

2. In an adjustable bracket for scaffolds to be used on roof constructions, a support, an arm integral with and depending from said support, an adjustable hook fastened to said arm and adapted to engage the higher of a pair of members in the roof framework, a member pivoted to said support intermediate its length and adapted to be supported by the lower of said pair of members, and an arm rigid with said support and adjustably connected to said pivoted member.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

PATRICK WHITE.

Witnesses:

WM. F. DOLAN,
JOHN W. DAVREN.