W. GIBSON.

SHINGLING BRACKET.

APPLICATION FILED OCT. 17, 1913.

1,113,775.

Patented Oct. 13, 1914.

2 SHEETS—SHEET 1.

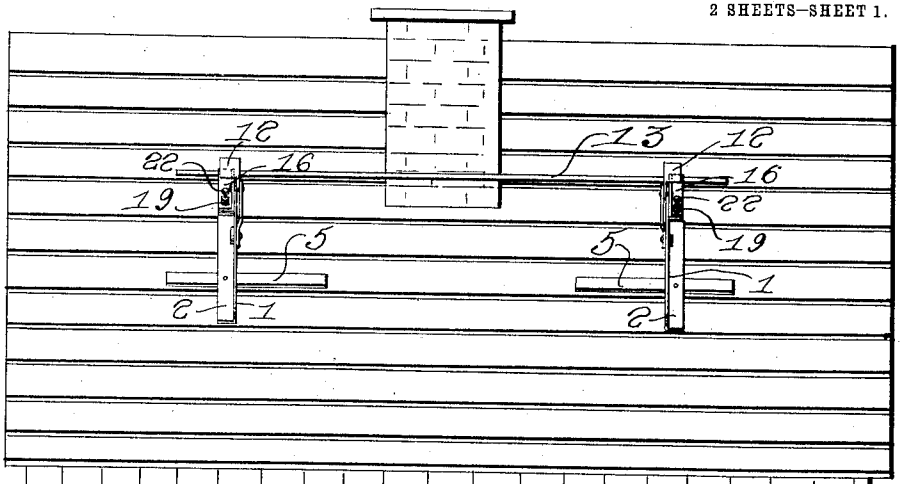


Fig. 1.

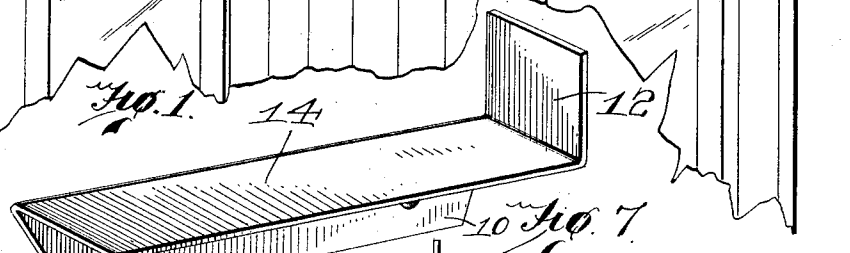


Fig. 7.

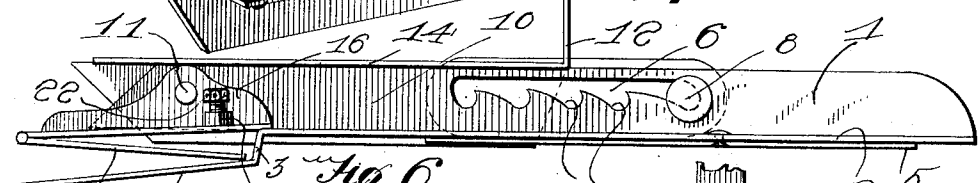


Fig. 6.

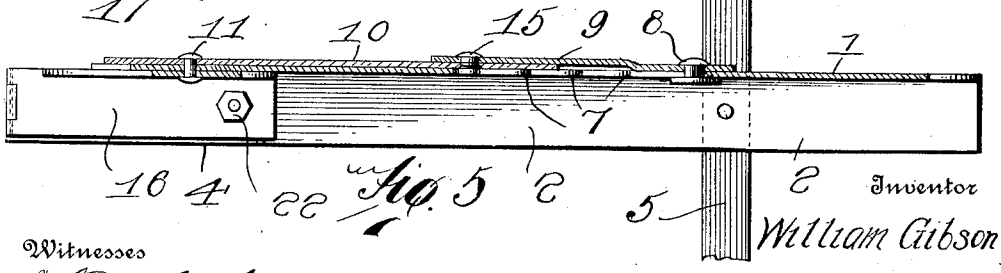


Fig. 5.

Witnesses

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2 SHEETS—SHEET 2.

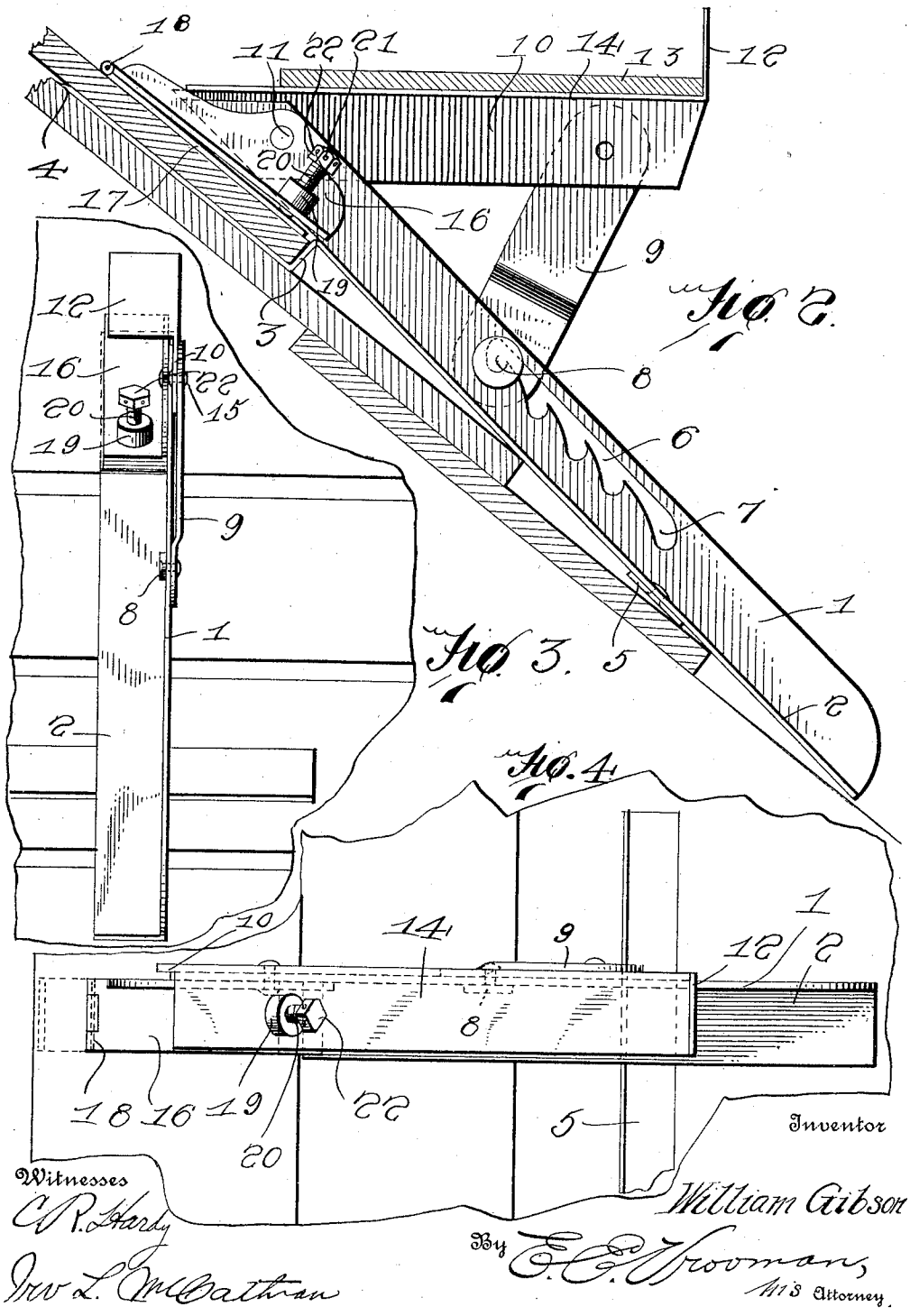


Fig. 2.

Fig. 3.

Fig. 4.

Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM GIBSON, OF SAN BRUNO, CALIFORNIA.

SHINGLING-BRACKET.

1,113,775. Specification of Letters Patent. Patented Oct. 13, 1914.

Application filed October 17, 1913. Serial No. 795,771.

To all whom it may concern:

Be it known that I, WILLIAM GIBSON, a native of Scotland, and a subject of the King of England, residing at San Bruno, in the county of San Mateo and State of California, have invented certain new and useful Improvements in Shingling-Brackets, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to shingle brackets and has for its object the production of an efficient bracket which may produce a scaffold especially adapted to be applied to pitched or inclined roofs.

Another object of the invention is the production of a simple and efficient bracket which may be adjusted to different inclined roofs, and which may be tightly secured to the roof and may be adjusted to accommodate itself to different thicknesses of shingles or supporting boards.

With the above and other objects in view this invention consists of certain novel combinations, constructions and arrangements of parts as will be hereinafter fully described and claimed.

In the accompanying drawings:—Figure 1 is a side elevation of the device applied to the roof of a house. Fig. 2 is a side elevation of the bracket showing a portion of the roof in section. Fig. 3 is a front elevation of the bracket. Fig. 4 is a top plan view of the bracket. Fig. 5 is a longitudinal section through the bracket. Fig. 6 is a side elevation of the bracket in its folded position. Fig. 7 is a perspective view of one of the scaffold supporting heads carried by the bracket.

Referring to the drawings by numerals it will be seen that 1 designates the stock of the bracket which is provided with a laterally extending flange 2 formed under the lower edge thereof, which flange is bent to produce an off-set portion 3 near one end thereof, having a beveled edge 4 which is adapted to be inserted under a shingle for attaching the stock 1 to a roof. A transversely extending foot 5 is secured to the flange 2 of the stock 1 as illustrated in Figs. 2 and 5, which foot is adapted to extend laterally of the roof and constitute a supporting means for a portion of the lower end of the stock 1. This stock 1 is provided with a longitudinally extending slot 6, which slot is provided upon one side thereof with a plurality of socket portions 7 for receiving the transversely extending knob or button 8 carried by the adjustable brace 9 to be hereinafter described.

A head portion 10 which comprises a substantially angle structure is pivotally secured to the upper end of the stock 1 by means of a pivot pin 11, and this head 10 is provided upon the forward end thereof with an upwardly extending lip 12, which lip constitutes a means for holding the scaffold board 13 in place and prevents the scaffold board 13 from falling from the head 10. The scaffold board 13 is adapted to extend from one bracket to the other and rest upon the upper flange portion 14 of the head 10. It will, therefore, be seen that the workmen may easily walk upon the scaffold board 13 for the purpose of repairing the roof.

The adjustable brace 9 is pivotally secured to the head 10 by means of a rivet 15, and the lower end thereof carries the button or knob 8, which knob or button is adapted to fit in the socket 7 for holding the brace 9 in an adjustable position. It will, therefore, be seen that through the medium of the brace 9 the relative angle of the head 10 to the stock 1 may be adjusted.

An angular clamp 16 is pivotally secured to the pivot pin 11 and carries at one end a leaf portion 17 which leaf portion is hingedly secured to the upper end of the clamp 16 by means of a pintle pin 18. A threaded socket or collar 19 is carried by the clamp 16 and receives a threaded pin 20 which threaded pin or bolt is adapted to engage the leaf portion 17 and firmly clamp the bracket in engagement with a shingle or other portion of the roof which is clamped between the off-set portion 3 of the stock 1 and the leaf portion 17 as is clearly illustrated in Fig. 2.

The head portion 21 of the bolt or pin 20 is provided with a plurality of apertures 22 which may receive a pin for the purpose of rotating the bolt in order that the leaf portion 17 may be firmly clamped upon the upper face of a shingle or other supporting medium.

From the foregoing description it will be seen that a very simple and efficient and also quickly adjustable scaffold bracket has been produced, whereby the scaffold may be readily detached or attached to a house in any portion of the roof without injuring the shingles.

Having thus described the invention what is claimed as new, is:—

1. A bracket comprising a stock portion, a head pivotally secured thereto, means for angularly adjusting the same, a clamp comprising an angle portion pivotally secured to said stock portion and provided with a hinged leaf upon the lower face thereof, an off-set clamping portion carried by said stock portion and adapted to fit under a shingle or support, a threaded collar carried by said angle clamp portion, and a threaded pin passing therethrough and engaging said leaf portion for firmly clamping said leaf portion in engagement with a support.

2. A bracket comprising a stock portion, a head pivotally secured thereto, means for angularly adjusting the same, a clamp comprising an angle portion pivotally secured to said stock portion and provided with a hinged leaf upon the lower portion thereof, an off-set clamping portion carried by said stock portion and adapted to fit under a support, and means carried by said clamping portion and engaging said leaf portion for firmly clamping said leaf portion in engagement with a support.

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

WILLIAM GIBSON.

Witnesses:
C. S. BURWELL,
SAM. MACKEY.

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