

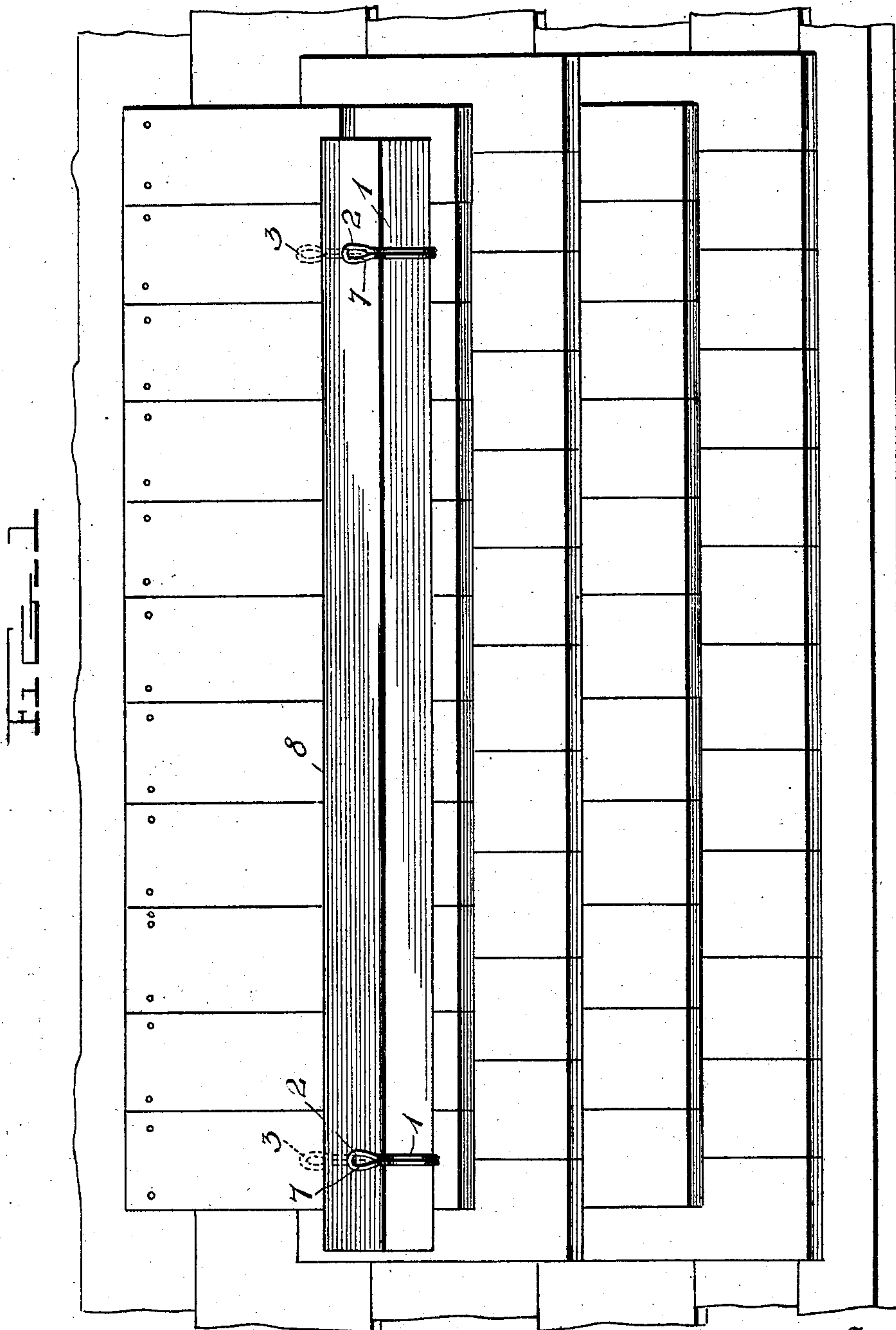
No. 889,795.

PATENTED JUNE 2, 1908.

J. LAYFIELD.  
ROOFING BRACKET.

APPLICATION FILED OCT. 17, 1907.

2 SHEETS—SHEET 1.



Witnesses

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Inventor

*James Layfield*

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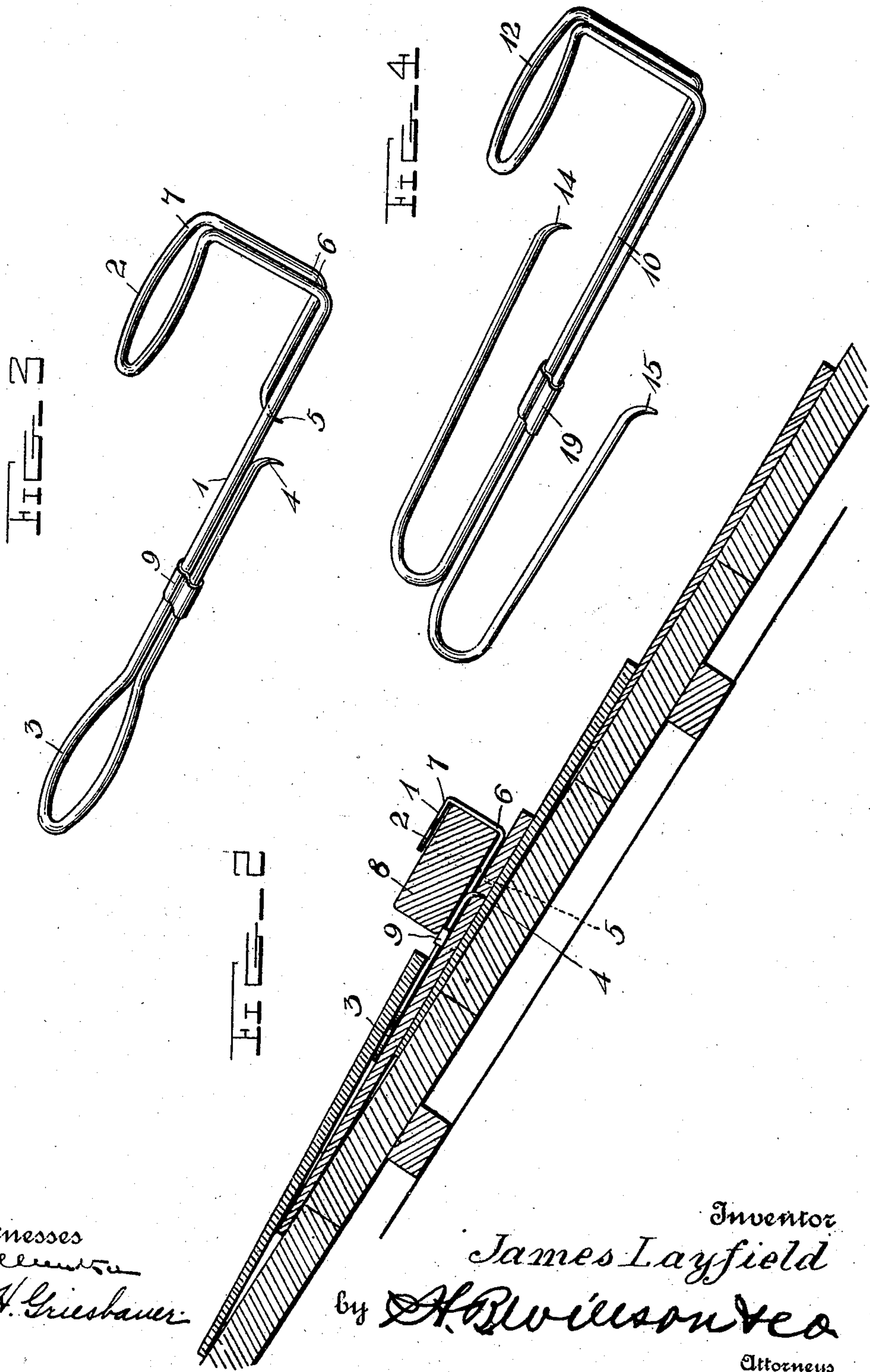
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# UNITED STATES PATENT OFFICE.

JAMES LAYFIELD, OF VANCOUVER, BRITISH COLUMBIA, CANADA.

## ROOFING-BRACKET.

No. 889,795.

Specification of Letters Patent.

Patented June 2, 1908.

Application filed October 17, 1907. Serial No. 397,826.

*To all whom it may concern:*

Be it known that I, JAMES LAYFIELD, a subject of Great Britain; residing at Vancouver, British Columbia, Canada, have invented certain new and useful Improvements in Roofing-Brackets; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to roofing or scaffold brackets, and the object thereof is to provide an improved bracket of this character composed of galvanized steel wire, whereby screws or other extra pieces for applying it to the roof are dispensed with.

In the accompanying drawings,—Figure 1 represents a front elevation of a portion of a roof with this improved bracket applied; Fig. 2 represents a side elevation thereof with the foot rest shown in section; Fig. 3 represents a perspective view of the bracket detached; and Fig. 4 represents a perspective view of a modified form of bracket adapted for use on roofs having steep inclines.

In the embodiment illustrated in Figs. 1, 2 and 3, a bracket 1 is shown composed of heavy galvanized steel wire, having its ends bent to form looped members 2 and 3, said ends extending toward each other and terminating in roof-engaging spurs 4 and 5, arranged at right angles thereto. The member 2 is bent upwardly at right angles at 6 and then forwardly at 7 to form a support for one end of the foot rest 8.

The members of the end 3 are secured together by a clip 9 formed of galvanized iron bent around said members to render the bracket more rigid. The looped end 3 is adapted to be passed under a course of shingles, preferably the last row, as shown in Fig. 1. When these brackets are used for close boarding roofs a nail is preferably placed through the loop of the end 3.

In the form shown in Fig. 4 the wire 10 is

doubled in the center to form the looped end 12, which is bent in a similar manner to the end 2 of the other figures to form a foot rest support. The free ends of this loop are bent outwardly and downwardly and provided at their ends with roof-engaging spurs 14 and 15. These doubled members are secured together by a clip 19 similar to the clip 9 of the other figures.

This bracket is especially designed for roofs of steep incline, and the doubling thereof renders it stronger.

I claim as my invention:—

1. A scaffold bracket composed of a single piece of heavy wire doubled intermediately of its ends and with said doubled portion bent upwardly and then forwardly to form a foot rest, and provided with an extension to project under a course of shingles, and roof engaging spurs formed at the ends of said wire.

2. A scaffold bracket composed of a single piece of heavy steel wire having its ends bent to form loops and extended inwardly toward each other, the terminals of said ends being pointed and bent at an angle to form spurs to engage a roof, and one of said looped ends being bent upwardly and then forwardly to form a foot rest support.

3. A scaffold bracket composed of a single piece of heavy wire doubled intermediately of its ends and with said doubled portion bent upwardly and forwardly to form a foot rest support and provided with an extension to project under a course of shingles, roof-engaging spurs formed at the ends of said wire, and a clip securing the members of the extension together to render the bracket more rigid.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JAMES LAYFIELD.

Witnesses:

J. EDWARD BIRD,  
EVA S. SHRAPNEL.