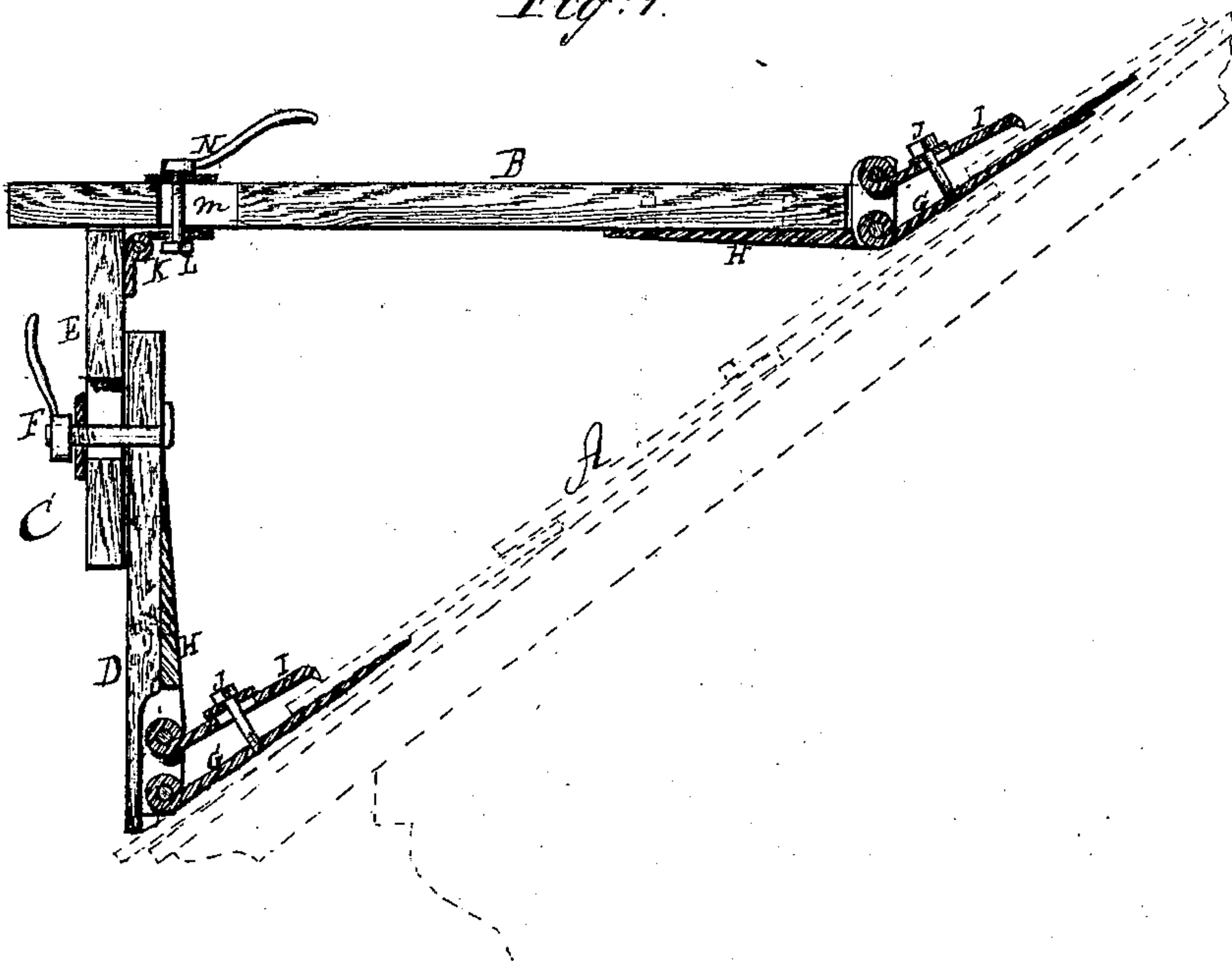
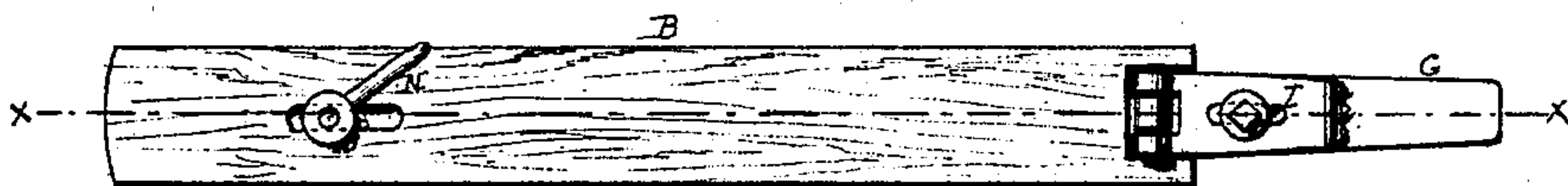


*S. Clough,*  
*Roof Bracket.*  
*No. 95,654*      *Patented Oct. 12. 1869.*

*Fig: 1.*



*Fig: 2.*



**Witnesses:**  
*Geo. W. Moore*  
*Jno. E. Dooty*

**Inventor:**  
*S. Clough*  
**PER** *M. M. M.*  
**Attorneys.**

# United States Patent Office.

S. CLOUGH, OF MONMOUTH, MAINE.

Letters Patent No. 95,654, dated October 12, 1869.

## IMPROVED ROOF-BRACKET.

The Schedule referred to in these Letters Patent and making part of the same.

### To all whom it may concern:

Be it known that I, S. CLOUGH, of Monmouth, in the county of Kennebec, and State of Maine, have invented a new and useful Improvement in Roof-Scaffold Brackets; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to a new and useful improvement in brackets for scaffolds on roofs, for shingling and other purposes, and consists in making the upright part of the bracket adjustable as to length, so as to make the bracket fit roofs of any pitch, and, also, in the method of fastening the bracket to the roof, as hereinafter more fully described.

In the accompanying drawing—

Figure 1 represents a sectional side elevation of the bracket, attached to a roof, as when in use, the section being through the line *x x* of fig. 2.

Figure 2 is a top view.

Similar letters of reference indicate corresponding parts.

A represents the roof.

The bracket consists of two main parts, a horizontal bar, B, and an adjustable upright, C.

The latter is made in two parts, which are connected together, and held in any desired position, by means of a screw-bolt, which is fixed in one part, (or D,) and which passes through a slot in the other part E, with a lever-nut, F, thereon, as seen in the drawing.

G is a thin metallic bed-plate, which is hinged to the metallic plate H, the latter being screwed fast to D.

I is a claw, which is hinged to the plate H.

J is a screw-bolt, which passes through the claw I, and engages with a screw-thread, cut in a hole through the bed-plate G.

The bed-plate G is forced up under the course of shingle, as seen in fig. 1, while the claw I is brought down on top of the same shingle, and screwed firmly down by means of the bolt J. This holds the foot of the bracket securely to the roof.

The fastening of the horizontal part B to the roof is made in the same manner, and the same letters are used to designate the parts, the only variation being in the fixed plate H, which turns an angle upward, so as to give the claw I a proper position.

The upright and the horizontal part, C and B, are hinged together, as seen at K, and the hinge is made adjustable by means of the screw-bolt L, to which one part of the hinge is attached.

The slot M allows sufficient movement of the parts, to insure, at all times, a perpendicular position to C. The parts are securely held together by means of the lever-nut N.

These brackets (in sufficient number) are so placed upon the roof that the horizontal parts B will be in range with each other horizontally, when planks are laid thereon, which forms a most secure and convenient scaffold for shingling, and for performing other operations on roofs.

These brackets obviate the necessity of driving large nails through and injuring the roof.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

1. The compound vertical upright C, formed by a combination of bar D, slotted adjustable bar E, and clamping-screw and nut F, as set forth.

2. The combination, with a rigid metallic strap, H, of a hinged base-plate, G, centrally perforated claw I, and binding-screw J, all operating as described, to fasten a wooden bar, horizontally or vertically, to a shingle roof.

3. In combination with a roof-bracket, the adjustable hinge-connection, as seen at K, substantially as described.

4. A right-angled roof-bracket, consisting of the rigid horizontal bar B, slotted near one end, and provided at the other with a fastening-device, and an upright, C, perpendicular thereto, and adjustable in altitude, all as specified.

S. CLOUGH.

Witnesses:

C. D. STARBIRD,  
J. D. DONNELL.