

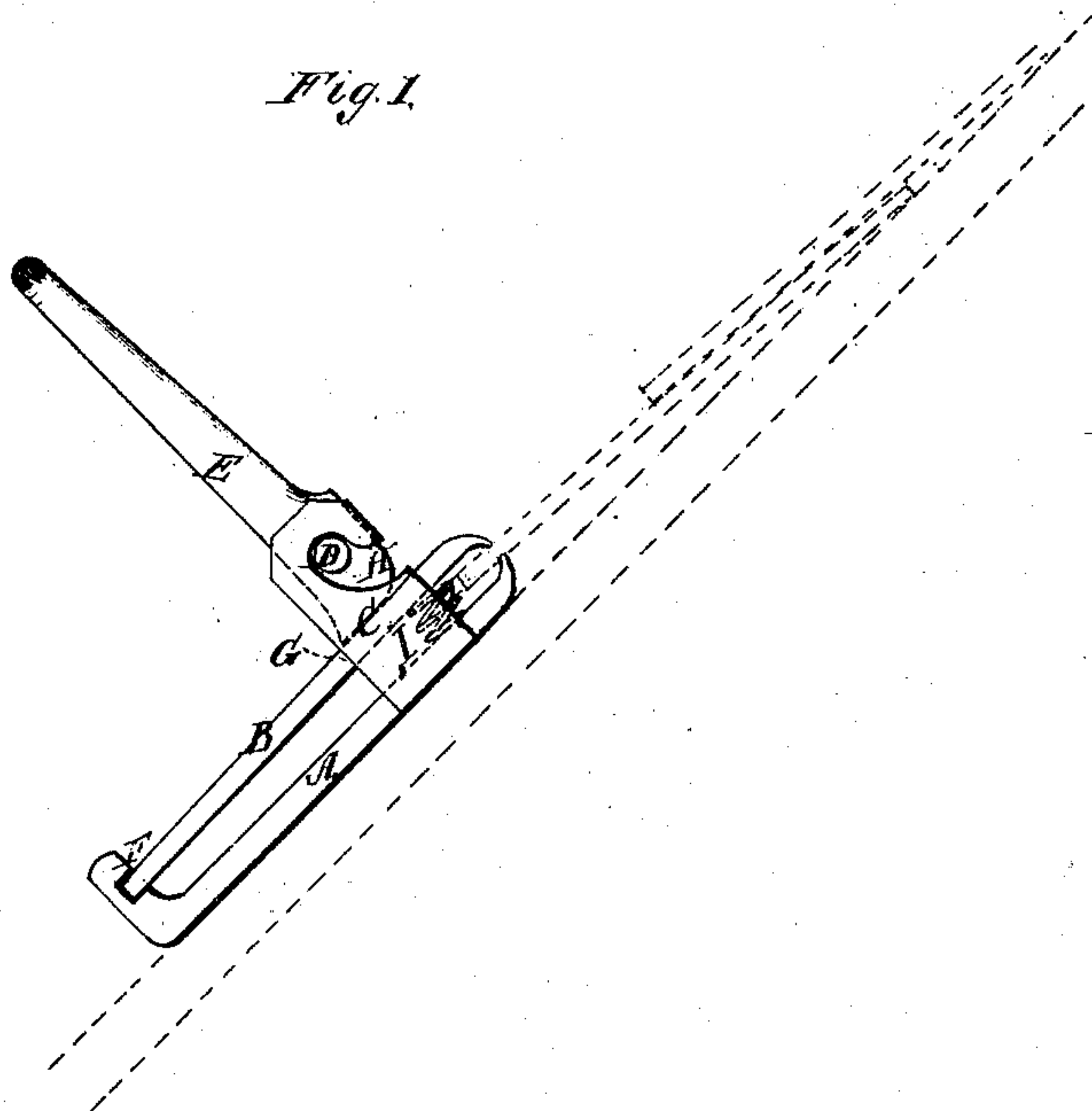
*J. Chattin,*

*Scaffold Bracket.*

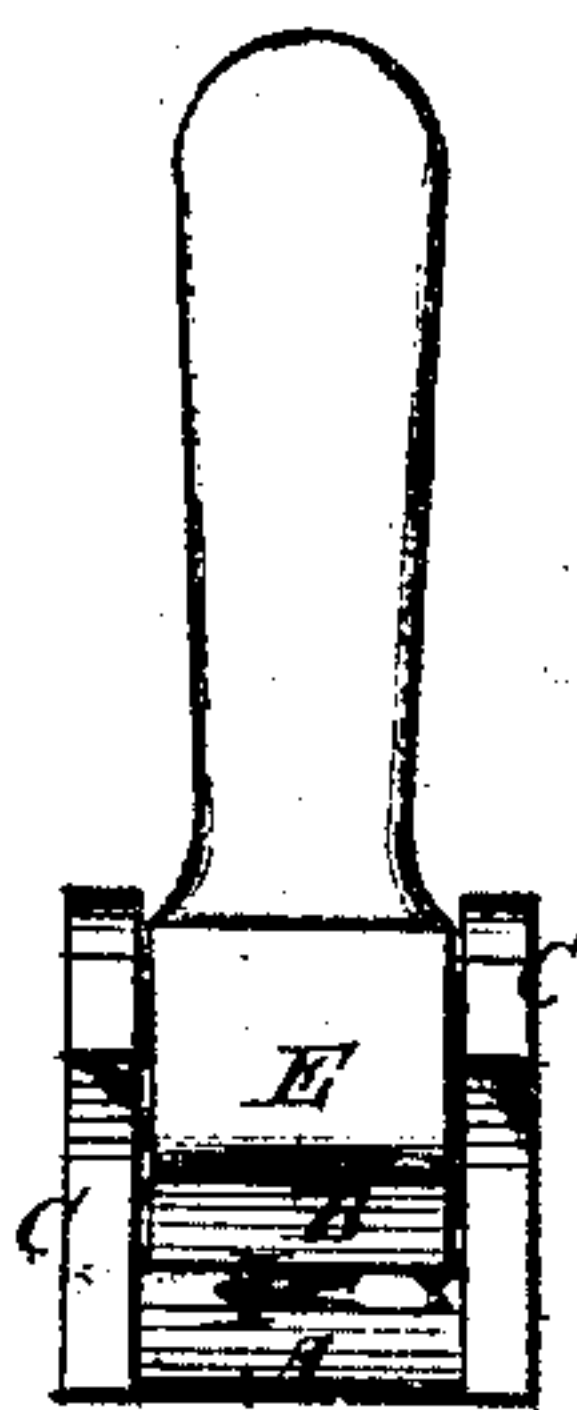
*No. 98559.*

*Patented Jan. 4. 1870.*

*Fig. 1.*



*Fig. 2.*



**Witnesses:**

*Wm. F. Brooks*  
*Edgar Tate*

**Inventor:**

*James Chattin*  
PER *M. M. M.*  
**Attorneys.**

# United States Patent Office.

JAMES CHATTIN, OF MARION, IOWA.

Letters Patent No. 98,559, dated January 4, 1870.

## IMPROVED SCAFFOLD-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, JAMES CHATTIN, of Marion, in the county of Linn, and State of Iowa, have invented a new and improved Scaffold-Bracket; 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 new and useful improvements in brackets for attachment to inclined roofs, to support the scaffold-braces, without the driving of nails through the shingles.

It consists of a pair of clamp-jaws, an eccentric or cam-shaped clamping-dog or lever, and a spring, so arranged that the jaws may be readily and securely attached to the end of a shingle already nailed on, by raising the end of the said shingle, inserting it between the jaws, and turning the clamp-dog to force the jaws together.

The spring is used to force the jaws apart, when the dog is turned down to release them, and to hold the cam-dog in place.

Figure 1 is a side elevation of my improved clamp, showing the application to the roof, which is shown in dotted lines.

Figure 2 is an end view of the clamp.

Similar letters of reference indicate corresponding parts.

A is one of the jaws, and B, the other. They are designed to be made of metal, and shaped at the clamping-ends so as to take a firm hold of a flat shingle.

The one, A, is provided with plates C, near the clamping-ends, for the support of the journals D of the eccentric or cam-dog E.

At the other end it is bent up at a right angle and

slotted at F, for the reception of the end of the jaw B, which is provided with shoulders, at G, to bear against the edges of the plates C, for holding the said end in the slot.

The plates C are provided with curved slots H, leading from one edge to the holes, for the bearings of the journals D of the cam-dog, so that the latter may be put in its place readily, the jaw A and plates C being formed together in one piece, by casting.

The slot F is also formed in casting the jaw A, and the whole is thus constructed without any expense for fitting, except in the application of the spiral spring I, placed between the jaws, and connected to one or both, as preferred. This spring serves the double purpose of opening the jaws and of holding the jaw B against the end of the dog, so that the latter is always held in its bearings in the plates C, and prevented from falling out.

The construction is, in this way, rendered exceedingly simple and cheap.

When applied to the raised end of a shingle, as represented in the drawings, the dog E serves as a support for the foot of a scaffold-brace, or for supporting the scaffold-board in a way to secure the same with but little or no nailing thereof.

Having thus described my invention,

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

A scaffold-bracket, consisting of the jaws A B, eccentric pawl E, and spring I, all combined, constructed, and arranged substantially as specified.

JAMES CHATTIN.

Witnesses.

L. E. WHITE,  
M. B. ALLEN.