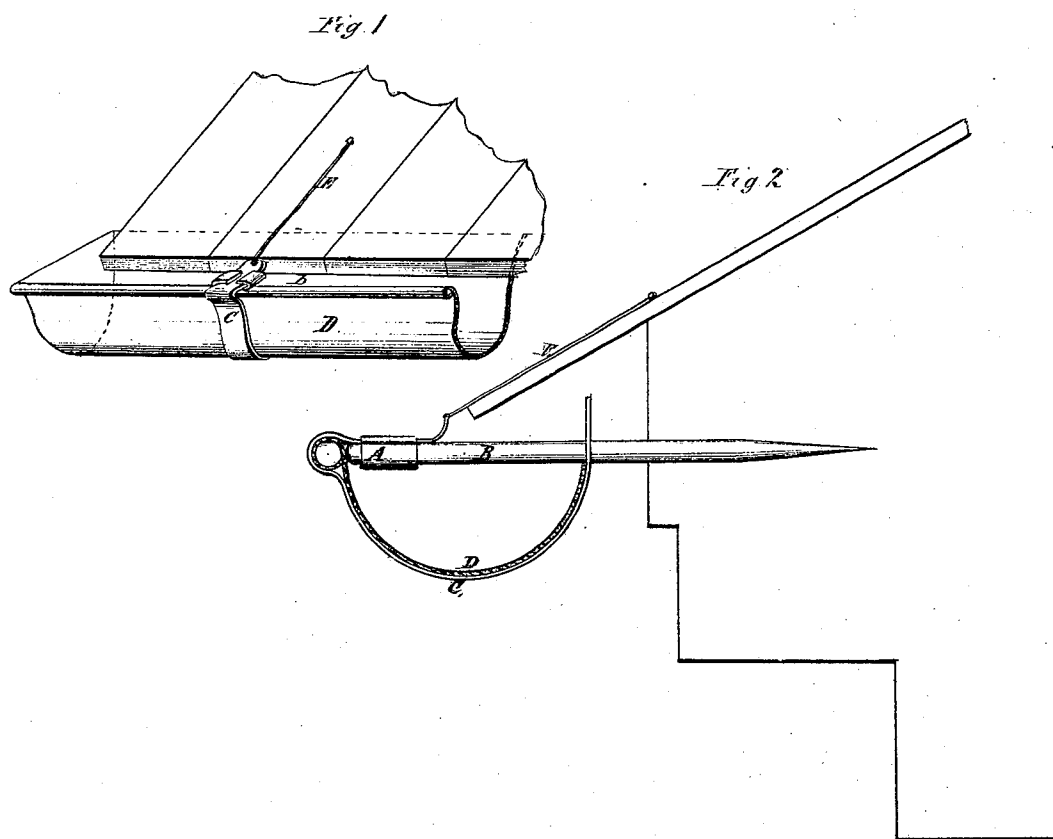


L. Cook,
Leaves Trough.
No. 110,633. Patented Jan. 3. 1871.



Witnesses

Abm B. Kingland
Thomas Phillips

Inventor

Leonard Cook,

United States Patent Office.

LEONARD COOK, OF SHREVEPORT, LOUISIANA.

Letters Patent No. 110,633, dated January 3, 1871.

IMPROVEMENT IN FASTENINGS FOR EAVES-TROUGHS.

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, LEONARD COOK, of the city of Shreveport, parish of Caddo and State of Louisiana, have invented a new and useful Improvement in the Fastening of "Eaves-Troughs;" 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 hereby had to the accompanying drawing forming a part of the specification, in which—

Figure 1 is a perspective view, and

Figure 2 a partly sectional elevation of my invention.

A indicates a clasp;

B, a spike or staple, which is driven into the cornice or wall of the building;

C, a band, secured at its respective ends to said clasp and spike;

D, the eaves-trough or gutter; and

E a wire, which is secured to the roof at one end, and to the clasp A at the other.

The clasp slides more or less loosely on the spike, as does also the inner end of the band C; but the trough is held in place by the wire E.

In practice, the spikes required to support the gutters may be driven into the facing at suitable distances apart, and, the several bands having been applied to the trough, it is thereby suspended from the spikes, and the wires fastened to the roof to hold the trough in proper position relative to the eaves.

This construction allows the troughs to be easily and quickly applied to or removed from the eaves. The same may be conveniently adjusted on the spikes by shortening or lengthening the roof-wires, and the troughs require no internal braces, since the bands hold them firmly in place against the spikes.

The fastening-device is also strong, simple, durable, and cheap.

What I claim as new is—

The band C, clasp A, and wire E, in combination with the spike B and trough D, all constructed and arranged as shown and described.

LEONARD COOK.

Witnesses:

C. W. LEWIS,

P. H. ROSSEN.