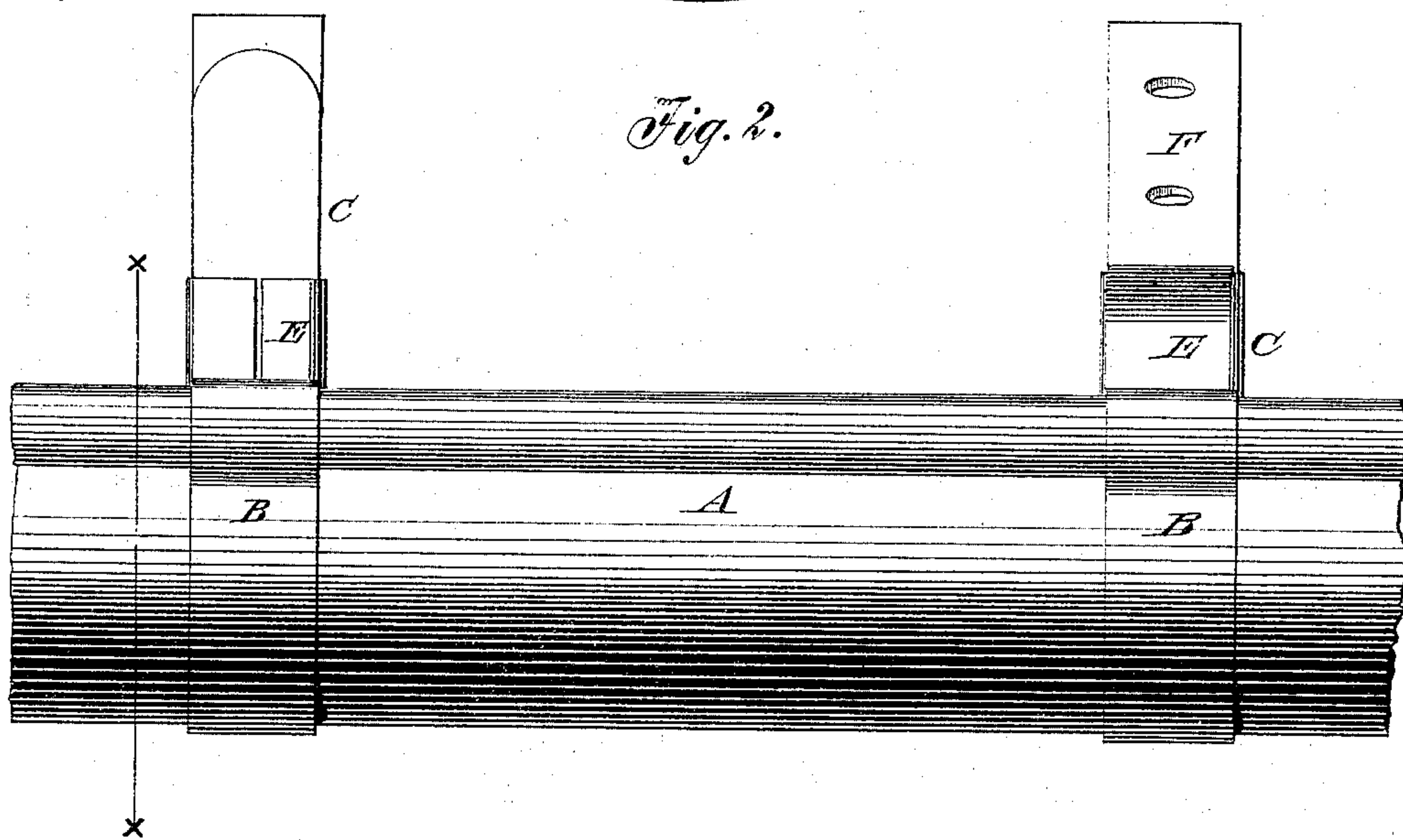
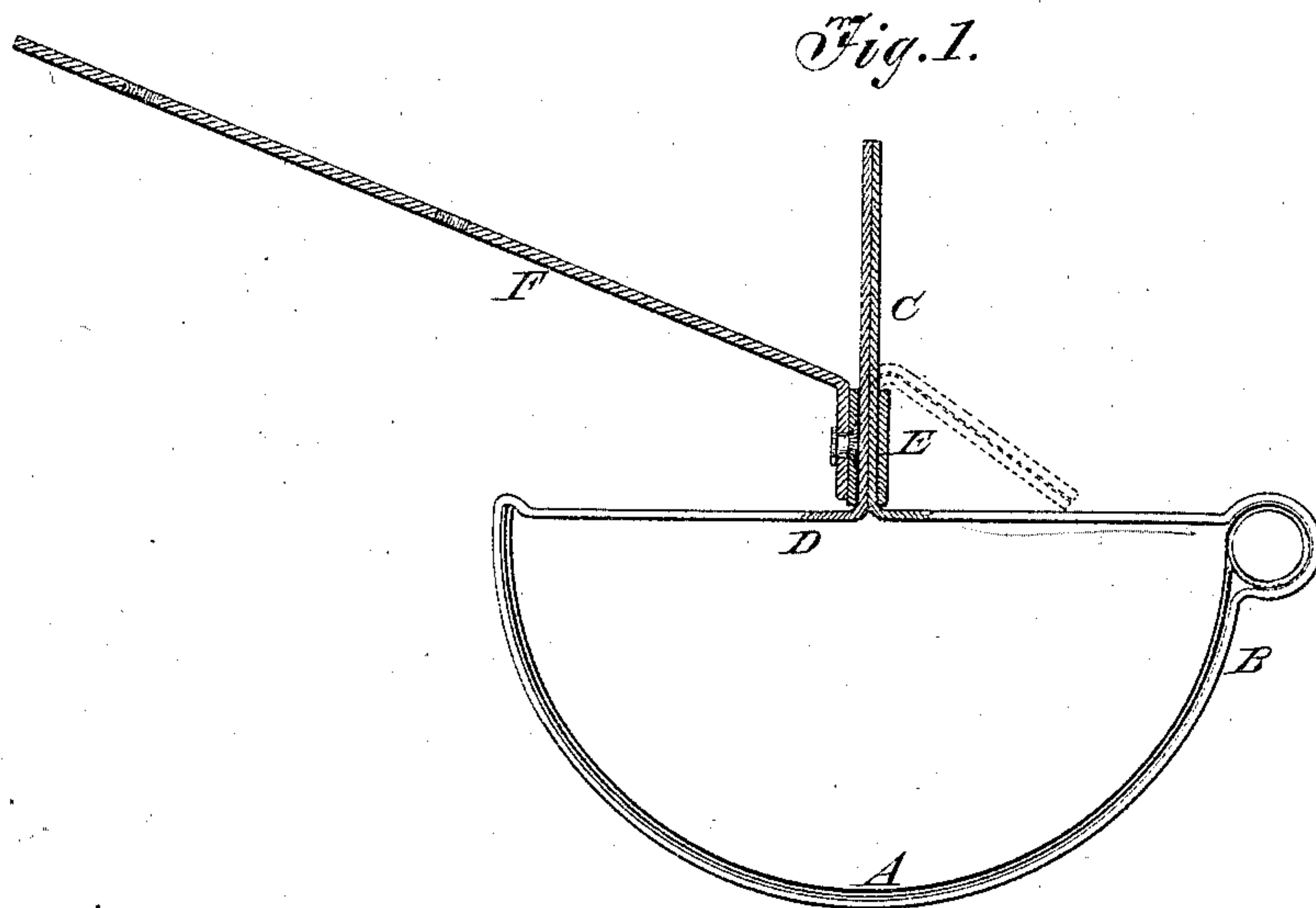


T. G. WILLIAMS.  
Eaves-Trough Hangers.

No. 144,299.

Patented Nov. 4, 1873.



Witnesses:

*August Dietrich*  
*Engineer*

Inventor:

*T. G. Williams*  
Per *Wm. H. Co.*

Attorneys.

# UNITED STATES PATENT OFFICE.

THOMAS G. WILLIAMS, OF AKRON, OHIO, ASSIGNOR TO WILLIAM WARNER  
& CO., OF SAME PLACE.

## IMPROVEMENT IN EAVES-TROUGH HANGERS.

Specification forming part of Letters Patent No. **144,299**, dated November 4, 1873; application filed  
August 9, 1873.

*To all whom it may concern:*

Be it known that I, THOMAS G. WILLIAMS, of Akron, in the county of Summit and State of Ohio, have invented a new and useful Improvement in Eaves-Trough Hangers, of which the following is a specification:

The invention will first be fully described, and then clearly pointed out in the claim.

Figure 1 is a cross-section looking to the right from the line *x x* of Fig. 2, and Fig. 2 is a front view.

Similar letters of reference indicate corresponding parts.

A represents the eaves-trough. B is a metallic band, which surrounds the eaves-trough, and is adjustable laterally thereon. The ends C of this band are bent upward at right angles from the horizontal top part D, and are clamped together by the sliding clasp E. F is the hanging-strap, which is attached to the adjustable clasp E by a rivet, from which it is bent to an angle to suit the inclination of the roof, as seen in Fig. 1.

It will be seen that the hanger is adjustable laterally on the trough by sliding the band B,

and vertically by sliding the clasp E, on the ends C up or down. When the proper vertical adjustment is made, the ends C are turned down or bent over, as seen in dotted lines in Fig. 1. Eaves-troughs on which this hanger is used are usually made of tin or other sheet metal, and may be made in any suitable form, either semicircular or angular.

The hanger is made to conform to the shape, and is adjustable in the same manner. The adjustability (laterally and vertically) is the essential feature of the invention.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

An eaves-trough hanger having prolonged end C, adjustable vertically in clamp E, and turned over to hold the trough at any elevation desired, thus avoiding the use of an adjusting-screw.

THOMAS G. WILLIAMS.

Witnesses:

ALMON BROWN,  
LAMBERT BROWN.