(No Model.)

W. HATCH.

EAVES TROUGH HANGER.

No. 252,033. Patented Jan. 10, 1882.

Fig. 1.

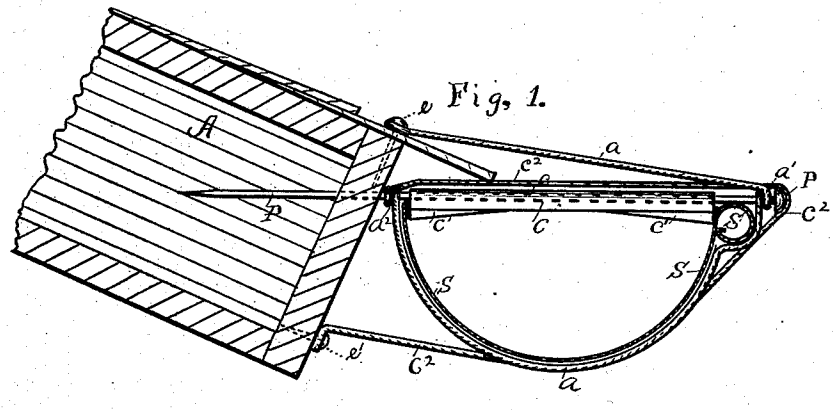


Fig. 2.

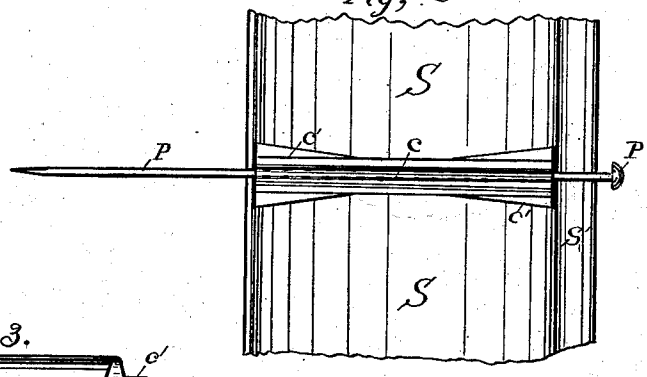


Fig. 3.

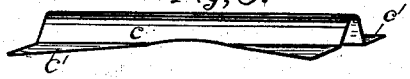
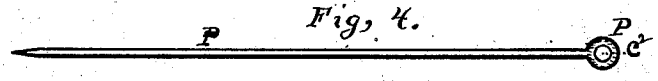


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

WARNER HATCH, OF PLAINFIELD, ILLINOIS.

EAVES-TROUGH HANGER.

SPECIFICATION forming part of Letters Patent No. 252,033, dated January 10, 1882.

Application filed August 4, 1881. (No model.)

To all whom it may concern:

Be it known that I, WARNER HATCH, of Plainfield, in the county of Will and State of Illinois, have made a new and useful Improvement in Eaves-Trough Supports, of which the following is a specification.

My invention relates to the mechanism by means of which an eaves-trough is retained in its normal position.

The object of my invention is to furnish a device by the use of which the ordinary eaves-trough is held firmly and safely in place, thereby largely increasing its durability.

In the accompanying drawings, which form a part of this specification, Figure 1 represents a cross-sectional view of an eaves-trough attached to a building by means of my invention. Fig. 2 is a top view of an eaves-trough, showing the position of the support in connection with metal pin or spike. Fig. 3 is a perspective view of the support, and Fig. 4 represents the pin or spike.

Like letters of reference made use of in the several figures indicate like parts wherever used.

Referring particularly to the drawings, A represents a building with its eaves S in an ordinary eaves-trough.

P is a metal pin or spike, having an eye or groove, c^2, at its head, through which the wire *a* passes.

a is a wire, which is first fastened by the nail *e* to the building A, then drawn taut and coiled about the pin or spike P at the point a', then passed about the eaves-trough S and coiled around the pin or spike P at the point a^2, and finally, after being drawn along the cross-bar *c* and through the eye or groove c^2 of the pin or spike P, it is fastened to the building A by the nail e', as shown in Fig. 1.

c is the cross-bar, having a central longitudinal elevation adapted to receive the pin or spike P, and also the flanges c', by means of which said cross-bar is rigidly attached to the eaves-trough S, as shown in Figs. 1 and 2, the design of said central elevation being to stiffen said cross-bar, and also to form a hole, through which said spike P is driven into the building, the object of the wire being, in combination with the pin or spike P, to retain the eaves-trough firmly in its place, and also to strengthen the same.

Having thus described my invention, that which I claim, and desire to secure by Letters Patent, is—

1. The cross-bar *c*, with its central elevation and its flanges c', in combination with the eaves-trough S, substantially as and for the purpose set forth.

2. The combination of the cross-bar *c*, having its flanges c', and a central longitudinal elevation, with the pin or spike P, having an eye or groove, c^2, the eaves-trough S, and the wire *a*, all constructed and applied as and for the purpose set forth.

WARNER HATCH. [L. S.]

In presence of—
FRANK HATCH,
S. O. SIMONDS.