(No Model.)

G. M. VEDDER.

EAVES TROUGH HANGER.

No. 244,955. Patented July 26, 1881.

Fig. 1.

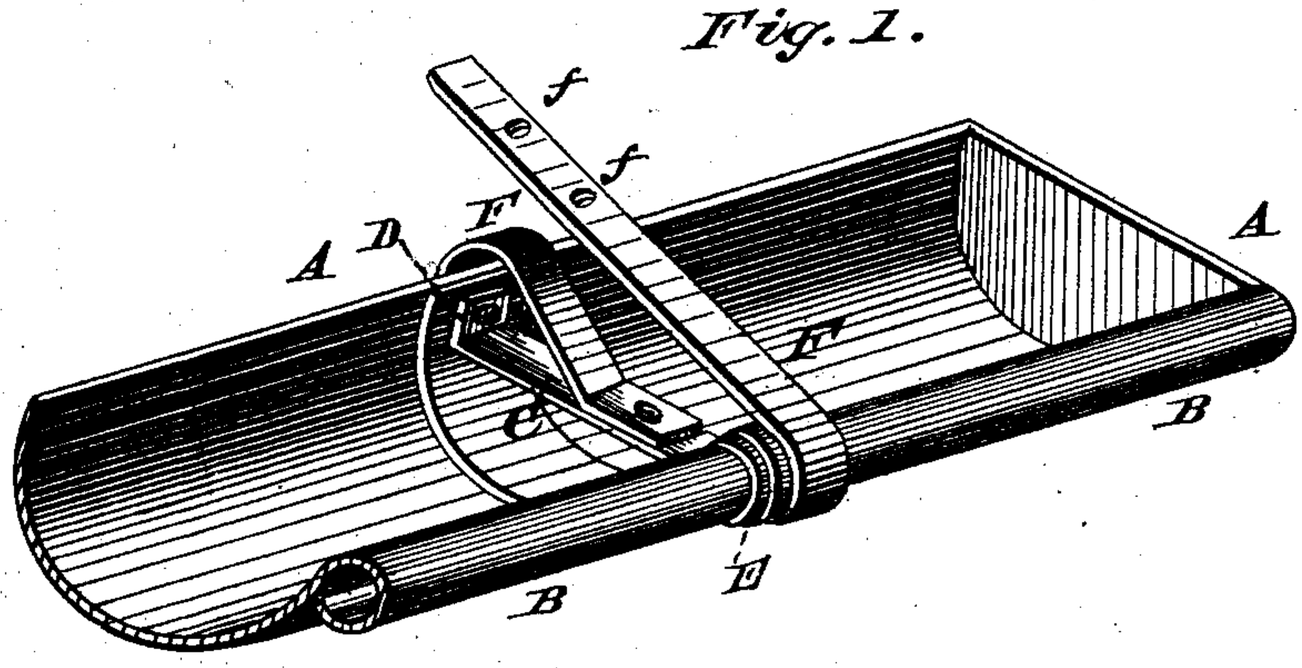
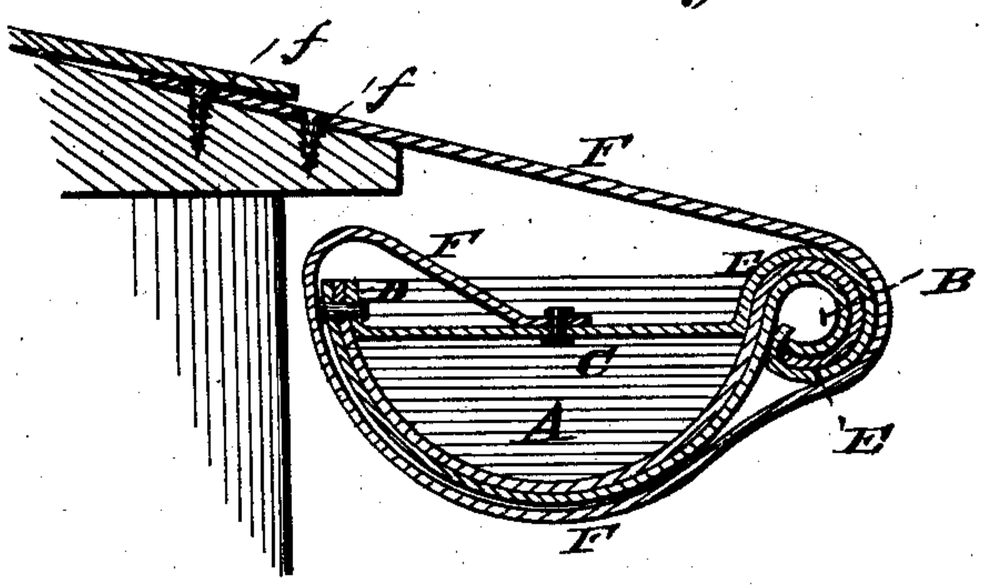


Fig. 2.



WITNESSES

Fred. G. Dieterich.

P. C. Dieterich.

George M. Vedder,

INVENTOR,

By his Attorneys, Louis Bagger & Co.

UNITED STATES PATENT OFFICE.

GEORGE M. VEDDER, OF ELK RUN, PENNSYLVANIA.

EAVES-TROUGH HANGER.

SPECIFICATION forming part of Letters Patent No. 244,955, dated July 26, 1881.

Application filed May 19, 1881. (No model.)

To all whom it may concern:

Be it known that I, GEORGE M. VEDDER, of Elk Run, in the county of Tioga and State of Pennsylvania, have invented certain new and useful Improvements in Eaves-Trough Hangers; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of a portion of an eaves-trough provided with my improved hanger, and Fig. 2 is a cross section through the trough with its hanger.

Similar letters of reference indicate corresponding parts in both the figures.

The object of my invention is to construct a hanger which cannot be displaced by the freezing of water in the trough in winter, or otherwise become accidentally detached, and which is cheap in its construction and easy in its application. To this end it consists in the construction and arrangement of a sheet-metal hanger, as hereinafter described, and particularly pointed out in the claim.

In the annexed drawings, A represents the eaves-trough, which, as usual, is made with a roll or bead, B, along one edge. The hanger is made in two parts—viz., a flat strip, C, of galvanized three-quarter or seven-eighths sheet-iron, one end of which is turned up to form a lip, D, while the other end is bent around the bead B, as shown at E, to form a fastening or means of attachment for that side of the trough.

Upon the middle of the strip C is riveted another longer strip, F, of the same material, which is bent around the edge of the trough, down under the bottom of it, and up again on the other side over the bead B, as clearly shown in the drawings. The projecting end of the strip is punched with two or more holes, *f f*, for nailing the hanger to the eaves.

The inside strip or cross-piece, C, is riveted by its lip D to the inner edge of the trough, a strip being placed in the trough at each place where its several lengths or sections overlap, so that the rivet will pass through two thicknesses of metal, thereby adding to the strength and solidity of the fastening.

It will be observed that I use no solder and only two rivets for attaching the hanger to the trough; and also that the weight of the trough has a double support—viz., the riveted cross-strap C and the lower bent part of strap F, which passes under the bottom of the trough, thus partly relieving the strain upon strap C.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The combination of the eaves-trough A, having roll or bead B, and hanger composed of strip or cross-piece C, the bent lip D of which is riveted to the trough, and its other end turned around the bead, and strip F, riveted to the middle of the cross-piece C and doubled around the trough, substantially as and for the purpose herein shown and specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

GEORGE M. VEDDER.

Witnesses:

AMOS MANSFIELD,

WARREN ROSE.