(No Model.)

W. H. GOULD.

EAVES TROUGH HANGER.

No. 304,425. Patented Sept. 2, 1884.

Fig. 1.

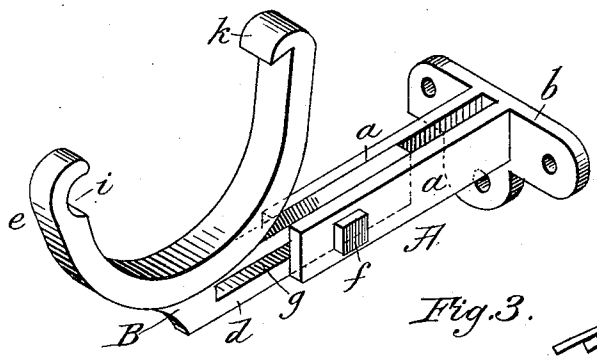


Fig. 2.

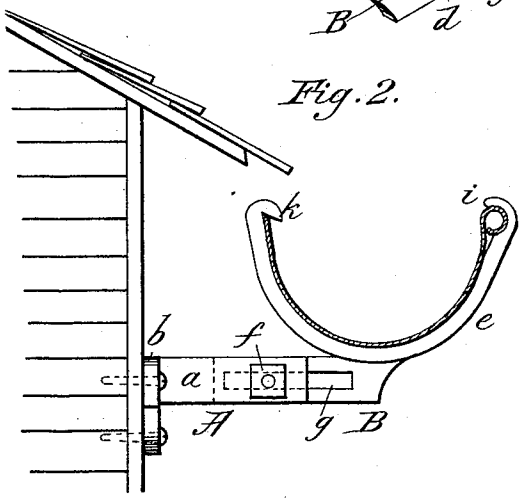


Fig. 3.

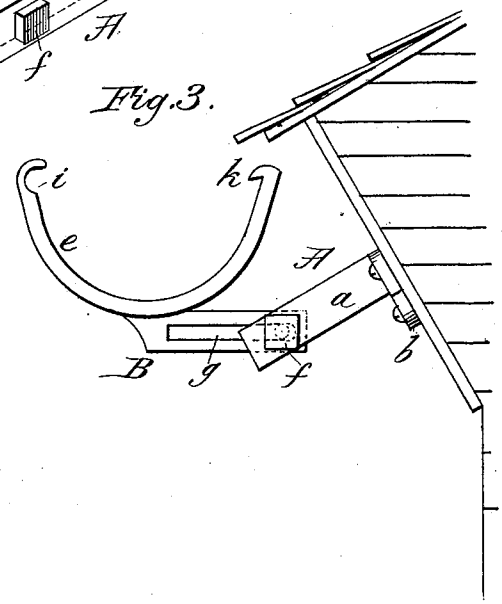
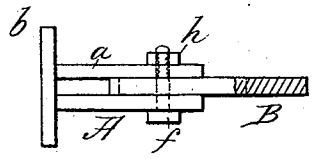


Fig. 4.



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UNITED STATES PATENT OFFICE.

WARREN H. GOULD, OF MANCHESTER, NEW HAMPSHIRE.

EAVES-TROUGH HANGER.

SPECIFICATION forming part of Letters Patent No. 304,425, dated September 2, 1884.

Application filed March 19, 1884. (No model.)

To all whom it may concern:

Be it known that I, WARREN H. GOULD, a citizen of the United States, residing at Manchester, in the county of Hillsborough and State of New Hampshire, have invented certain new and useful Improvements in Eaves-Trough Hangers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in eaves-trough hangers; and it consists in certain peculiarities of construction, whereby the hanger and eaves-trough can be adjusted to any desired pitch or variation from a right angle, as desired or rendered necessary by circumstances, as will be hereinafter described.

In the annexed drawings, which fully illustrate my improvement, Figure 1 is a perspective view of the eaves-trough hanger. Fig. 2 is a side view of the same, showing it secured in position to the vertical face of a building. Fig. 3 shows the hanger attached to an inclined face-board of a building, and Fig. 4 is a plan view of the hanger, partly in section.

Like letters indicate like parts.

This improved eaves-trough hanger is made in two parts, A and B, as shown, the part B being adjustably secured to the part A, which is designed to be secured to the side of the building a short distance below the eaves, as will be hereinafter described. The part or piece A is preferably a metal casting having two parallel arms, *a a*, projecting at right angles from a flat trefoil-shaped plate or back piece, *b*. The plate *b* is provided with holes or apertures for the reception of screws or bolts, by means of which it can be securely attached to the face-board or cornice of a building. The piece B consists of a slotted arm or shank, *d*, of sufficient thickness to slide easily between the arms *a a* of the piece A. The outer or projecting end of the arm *d* is formed with a semicircular or forked clasp, *e*, for supporting the trough or gutter in place under the roof or eaves. The shank *d* is secured between the arms *a a* by means of a square headed bolt, *f*, which passes through the arms *a a* and the slot *g* in the shank *d*. The piece B can be slid in or out, as desired, and secured at the desired point by screwing up a nut, *h*, on the bolt *f*, as shown in Fig. 4. The forked clasp *e* is provided at its ends with hooks *i* and *k*, by means of which the trough is securely held in place after it is sprung into the clasp, as shown in Fig. 2.

In Fig. 2 the hanger is shown applied to a vertical face-board of a building; but in case the face-board or cornice is inclined, as shown in Fig. 3, my improved hanger is easily adjusted to meet the case and hold the trough in the required position to catch the water by turning the part B at an angle to the part A, and securing the parts by the bolt and nut. It will thus be seen that my invention affords a trough hanger or bracket that can be adjusted horizontally, vertically, or in any inclined position, to accommodate the trough to varying distances of the overhanging eaves, or to differences in the configuration of the cornice or face-board of buildings.

In case the gutter should sag or become displaced by the accumulation of ice, it can readily be adjusted without removing the fixture from the building by means of the bolt and nut. It will thus be observed that my invention affords a cheap, simple, effective, and readily-applied adjustable hanger for eaves-troughs and gutters. It will also be seen that the slotted shank B of the trough-clasp is readily adjustable to any desired angle with the fixed part A, whereas trough-hangers as usually made are adjustable only in vertical and horizontal lines. My improved eaves-trough hanger can thus be attached and adjusted with equal convenience, whether the face-board or cornice of the building is vertical or inclined. It will be understood, however, that I do not broadly claim an adjustable eaves-trough hanger; but,

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

An eaves-trough hanger consisting of the fixed part A, having parallel arms *a a* and

attaching-plate *b*, the adjustable part B, having a hooked clasp, *e*, and a slotted shank, *d*, said shank being received between the parallel arms of said fixed part, and the bolt *f* and nut *h*, for adjustably connecting said parts, all combined as set forth, whereby the hanger is adjustable to varying positions and angles, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

WARREN H. GOULD.

Witnesses:
RICHARD H. GOODWIN,
RICHARD J. P. GOODWIN.