H. EEFTINK.

EAVES TROUGH HANGER.

APPLICATION FILED MAR. 23, 1921.

1,414,345. Patented May 2, 1922.

Fig. 1.

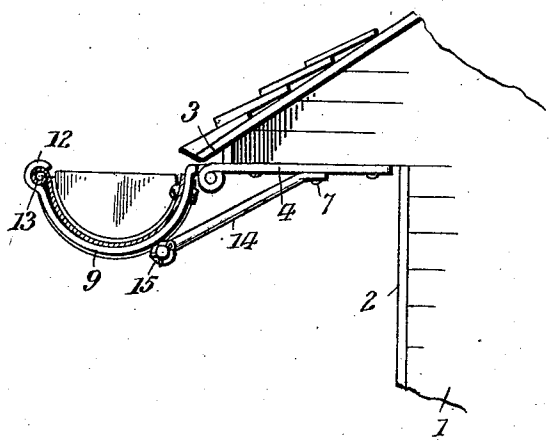


Fig. 2.

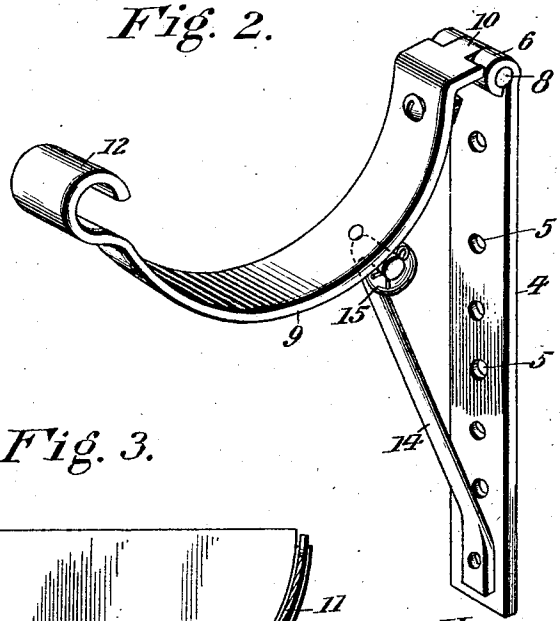
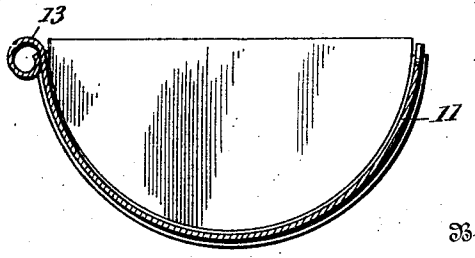


Fig. 3.



Inventor

Herman Eeftink

By Jacobi & Jacobi

Attorneys

UNITED STATES PATENT OFFICE.

HERMAN EEFTINK, OF LEOPOLD, MISSOURI.

EAVES-TROUGH HANGER.

1,414,345. Specification of Letters Patent. Patented May 2, 1922.

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To all whom it may concern:

Be it known that I, HERMAN EEFTINK, a citizen of the United States, residing at Leopold, in the county of Bollinger and State of Missouri, have invented certain new and useful Improvements in Eaves-Trough Hangers, of which the following is a specification.

This invention relates to new and useful improvements in eaves trough hangers.

The primary object of the invention is to provide a trough support or hanger which may be readily applied to the wall of a structure below the roof and adapted for adjustment to various positions in accordance with the character of the building to which it is applied and the structure of the roof.

A further object of the invention resides in providing a hanger or support which is hingedly carried on its main bracket and retained in its adjusted position by a supporting arm, the latter being capable of various adjustments with respect to the main supporting bracket.

Still another object of the invention resides in providing a device of this character which is simple and durable in construction, inexpensive to manufacture and one which will be very efficient in operation.

With these and other objects in view my invention consists in the novel features of construction, combination and arrangement of parts as will be hereinafter referred to and more particularly pointed out in the specification and claims.

In the accompanying drawing forming a part of this application,—

Figure 1 is a side elevation of my device applied to use, the trough or gutter being shown in section;

Fig. 2 is an enlarged perspective view of the hanger removed, with parts in hanging position; and

Fig. 3 is a sectional view of the trough or gutter removed.

In describing the invention I shall refer to the drawing in which similar reference characters designate corresponding parts throughout the several views, in which 1 designates a building of which the side wall 2 has the eaves 3 projecting thereover. My invention contemplates the provision of a trough support or hanger capable of application to the cornice below the eaves. To this end I provide a base plate or strap 4 provided with a plurality of orifices 5 arranged therein at predetermined distances from one another, and the upper portion of this strap or base plate is bifurcated and formed into a pair of knuckles 6 which constitute a portion of a hinge. The openings 5 provide means whereby bolts or the like 7 may be introduced thereto for the purpose of securing the plate to the cornice. A pintle 8 extends through the knuckle 6 to complete the hinge.

An arcuate strap or hanger 9 is provided, the inner end of which is extended laterally as shown at 10 to form a knuckle for cooperation with the knuckles 6, completing the hinge between the member 9 and the base plate or strap 4. The arcuate strap or hanger 9 is designed to support the gutter or trough 11 and the outer end of said support or hanger is curved or bent as shown at 12 to receive therein the bead 13 of the trough.

It will be seen that the bracket or support 9 is pivotally or hingedly secured to the upper end of the base plate 4 in order to support the same. A supporting arm 14 is pivotally secured as shown at 15 to the under face of the arcuate bracket or support 9, and the outer end of the same is adapted to receive therethrough one of the retaining bolts 7 of the base plate 4, as shown in the drawing. Thus the one bolt of this base plate is engaged with the outer end of the arm 14, but it will be understood that the bracket or support 9 may be adjusted to any position desired, in accordance with the position desired for the gutter or trough, and in various other positions, the arm 14 may be engaged with other of the bolts 7.

From the foregoing it will be seen that I have provided a simple, inexpensive and efficient means for carrying out the objects of the invention, and while I have particularly described the means best adapted to perform the functions set forth, various changes in form, proportion and in the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the principles of the invention.

What I claim is:

1. An eaves trough hanger comprising a base plate, an arcuated bracket hinged to the upper portion thereof, and means carried on the underside of said bracket and adjustably connected with said base plate for retaining

the bracket in various adjusted positions and substantially supporting same.

2. An eaves trough hanger comprising a base plate, an arcuated bracket hinged to the upper portion thereof, and a supporting arm pivotally carried on the underside of said bracket and means for connecting the free ends of the supporting arm with said base plate to retain said bracket in various adjusted positions.

3. An eaves trough hanger comprising a base plate, means for securing the same to a structure, an arcuated bracket hingely connected to the upper end of the base plate, and an arm pivotally connected with said bracket on its underside, said pivoted arm provided with a flattened end adapted to be adjustably connected with the means for securing said base plate to the structure.

In testimony whereof I affix my signature.

HERMAN EEFTINK.