(No Model.)

D. B. ROCK.

EAVES TROUGH HANGER.

No. 302,358. Patented July 22, 1884.

Fig. 1.

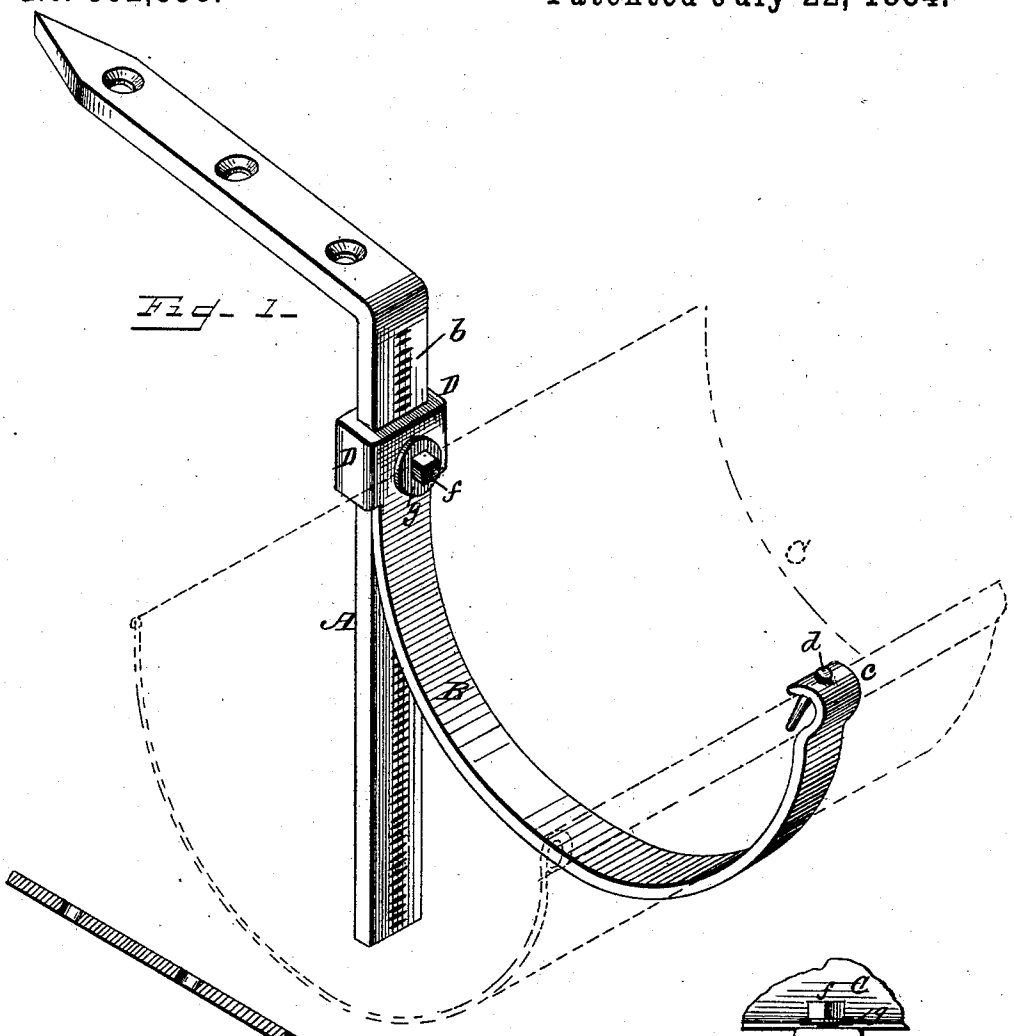


Fig. 3.

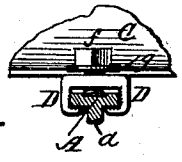
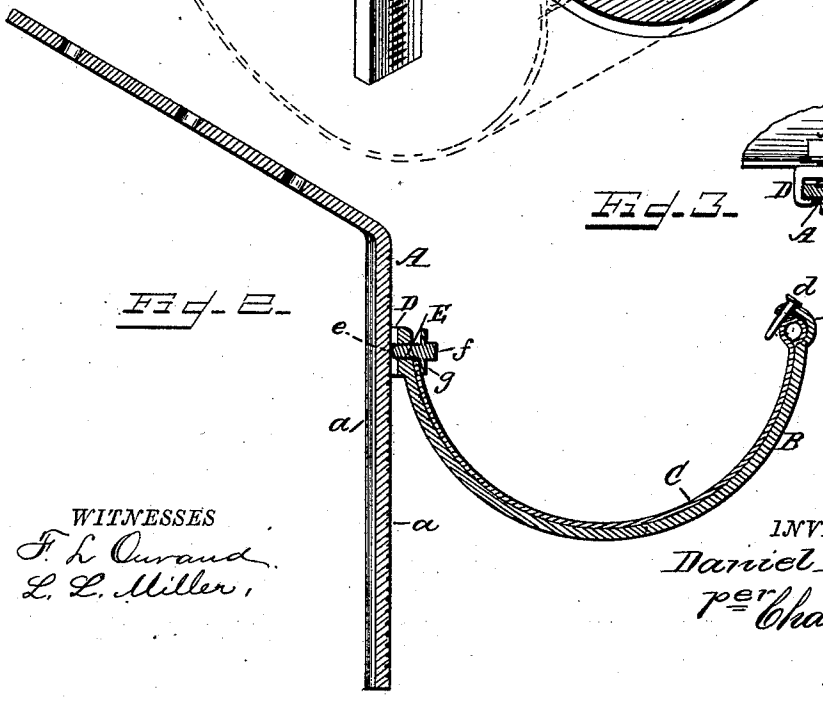


Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

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EAVES-TROUGH HANGER.

SPECIFICATION forming part of Letters Patent No. 302,358, dated July 22, 1884.

Application filed April 18, 1884. (No model.)

To all whom it may concern:

Be it known that I, DANIEL B. ROCK, a citizen of the United States, residing at Fairfield, in the county of Adams 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 same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a perspective view of my improved hanger, showing the eaves-trough in dotted lines; Fig. 2, a sectional elevation, and Fig. 3 a detail view thereof.

The present invention has relation to certain new and useful improvements in that class of eaves-trough hangers provided with means for adjusting the height of the semicircular bar or bracket which supports the trough; and the object thereof is to improve this class of devices, whereby they will be rendered more effective, less expensive in their manufacture, and the bracket easily adjusted and held in the position placed without accidental displacement. These objects I attain by the construction substantially as shown in the drawings, and hereinafter described and claimed.

In the accompanying drawings, A represents the hanger, constructed in any suitable manner at its upper end, so as to adapt it for attachment to the under side of a slanting roof, to the eave of the building, or to the face-board thereof. The hanger A, upon its inner side, is cast with a central rib, *a*, and on its front or opposite side is provided with a serrated face, *b*. The bracket B is of the usual semicircular form, with its outer end bent to form a hook, *c*, which extends around the bead at the outer edge of the trough C, the hook having a perforation to receive a key, *d*, which holds the beaded edge securely against the hook. The opposite end of the bracket B is cast with serrated claws D, which embrace the edges of the hanger A upon each side of the rib, the ends of said claws coming in close contact with the rib, which prevents any lateral swing or displacement of the bracket, and holds it firm and steady to the hanger. A further advantage is obtained in the rib *a*, from the fact it acts as a guide when adjusting the bracket up or down on the hanger, and in connection with the claws which embrace it, as hereinbefore described, it is considered of value in providing a simple and effective device for adjustably supporting the trough. The inner end of the bracket R has a screw-threaded hole to receive a set-screw, E, which has a spur, *e*, on its end, which engages with the serrated face *b* of the hanger A, as shown in Fig. 2, thus providing a very simple as well as secure means for holding the bracket at any point upon the hanger. This screw E is preferably provided with a square or equivalent formed head, *f*, so that it cannot be turned except by a wrench or other tool adapted for the purpose, and has also a circular flange, *g*, so as to adapt it to perform two separate and independent functions—viz., that of holding the bracket to the hanger and the eaves-trough to the bracket—the flange acting as a clamp to firmly press and hold the trough at its inner end against the surface or outer side of the bracket.

A device constructed as above described is simple, as well as strong and durable; and not only the trough is securely held in place, but the bracket also, and it is conveniently adjusted.

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

1. The combination, with a suitable hanger cast with a longitudinal rib on its rear side, of a bracket for supporting the eaves-trough, having claws at its inner end to embrace the edges of the hanger upon each side of the rib, substantially as and for the purpose set forth.

2. The combination, with an eaves-trough, of a suitable hanger and an adjustable bracket, and means for securing the trough thereto, consisting of a screw provided with a flange and suitable head passing through the inner end of said bracket, and a key entering the perforation in the hooked or opposite end thereof, substantially as and for the purpose described.

3. A suitable hanger having its front side

serrated and its rear side cast with a longitudinal rib, in combination with a hanger having a hook at its front end and a key passing through a perforation therein, and at its opposite end provided with claws, and a set-screw having a suitable head and flange, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

DANIEL B. ROCK.

Witnesses:
WILLIAM S. MCCREARY,
WM. H. LOW.