May 31, 1927. 1,630,746

C. G. INMAN

EAVES TROUGH HANGER

Filed June 13, 1923

Fig. 1.

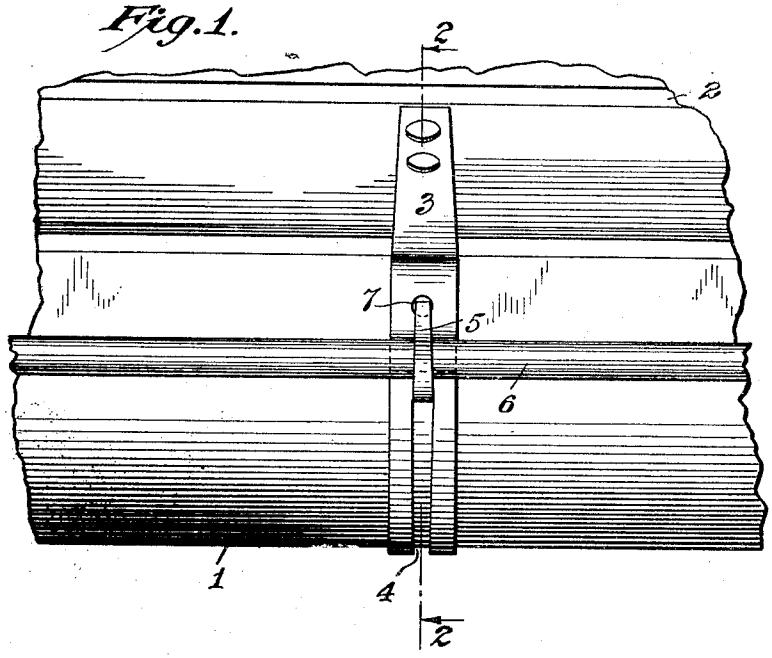
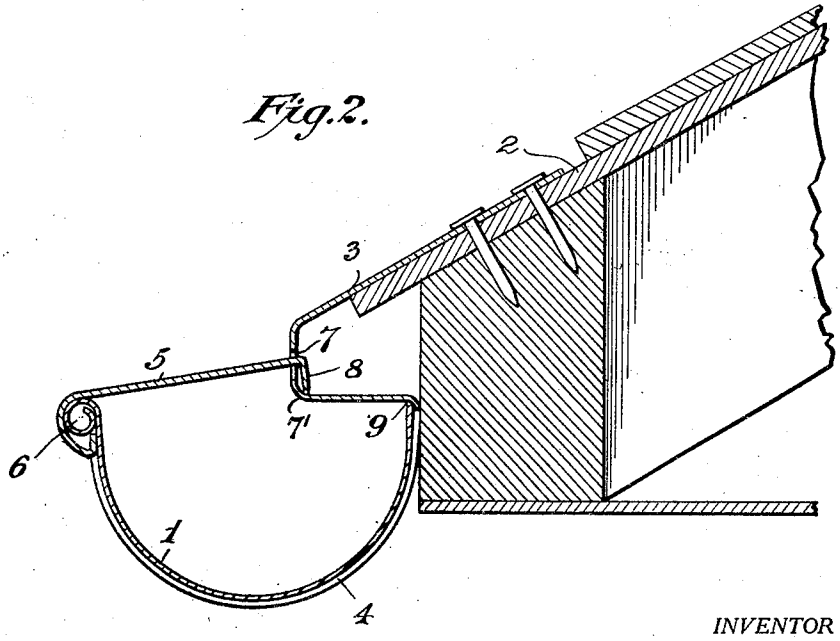



Fig. 2.




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# UNITED STATES PATENT OFFICE.

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## EAVES-TROUGH HANGER.

Application filed June 13, 1923. Serial No. 645,122.

My invention relates to improvements in hangers for eaves-troughs or gutters and the object of the invention is to provide a simple and effective device for the purpose, by which the trough or gutter will be very rigidly and securely supported.

A further object is to provide a hanger by means of which the trough or gutter may be readily placed in position, securely and firmly locked to the hanger, and by which the hanger may readily adjust itself to the size and shape of the trough.

In order that the invention may be better understood, attention is directed to the accompanying drawing, forming a part of this specification, and in which:

Fig. 1 is a plan view showing a portion of an eave with the gutter adjacent thereto, and illustrating one of my improved hangers: and

Fig. 2, a section on the line 2—2 of Fig. 1.

In both of these views corresponding parts are represented by the same numerals.

The gutter 1 is located adjacent to the eave 2, in position to receive the water flowing off of the same and is supported by a plurality of my improved hangers. Each of these hangers is made of a single strip of metal and comprises an attaching section 3 which is nailed or screwed in place to the edge of the eave, a supporting section 4 extending around the gutter or trough and a tongue 5 for locking the hanger in place. The tongue 5 is formed by making parallel cuts in the supporting section 4 of the hanger, whereupon the tongue is bent as shown in Fig. 2 around the bead 6 formed on the outer edge of the hanger, and thence extends across the top of the hanger through an opening 7 in the intermediate section 7'. After passing through this opening the end of the tongue is bent down at 8 so as to lock the hanger firmly in place upon the trough or gutter. It will be seen that my improved hanger can be constructed very cheaply, and I find in practice that it supports a gutter with great rigidity due particularly to the interlocking of the tongue 5 around the bead 6 which prevents the gutter from moving relatively to the hanger. The edge 9 of the gutter opposite the beaded edge 6 is preferably engaged by the hanger which is bent around the same as shown in Fig. 2, thereby giving additional strength and preventing any possibility of the gutter rattling or shaking with respect to the hanger.

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

1. As a new article of manufacture, an improved hanger for eaves-troughs or gutters, comprising a one-piece metal strip consisting of an attaching and intermediate portions, and a supporting portion adapted to be engaged with the trough and a locking tongue punched from said metal strip, the end of which is extended through an opening in said intermediate portion of the hanger, substantially as and for the purposes set forth.

2. The combination with a trough or gutter of a one-piece hanger cooperating therewith, said hanger consisting of an attaching and intermediate portions and a supporting portion extending around the trough with a locking tongue punched therefrom and integral therewith extending over the top of the trough and engaging an opening in said intermediate portion of the hanger, substantially as set forth.

3. The combination with a trough or gutter formed with a beaded edge, of a hanger for supporting the trough comprising an attaching and intermediate portion and a supporting portion extending around the trough and having punched therefrom an integral locking tongue bent around the beaded edge and extending through an opening formed in the said intermediate portion of the hanger, as and for the purposes set forth.

This specification signed and witnessed this 5th day of June, 1923.

CLARENCE G. INMAN.