

(No Model.)

M. McCoy.
EAVES TROUGH.

No. 327,005.

Patented Sept. 29, 1885.

Fig. 1.

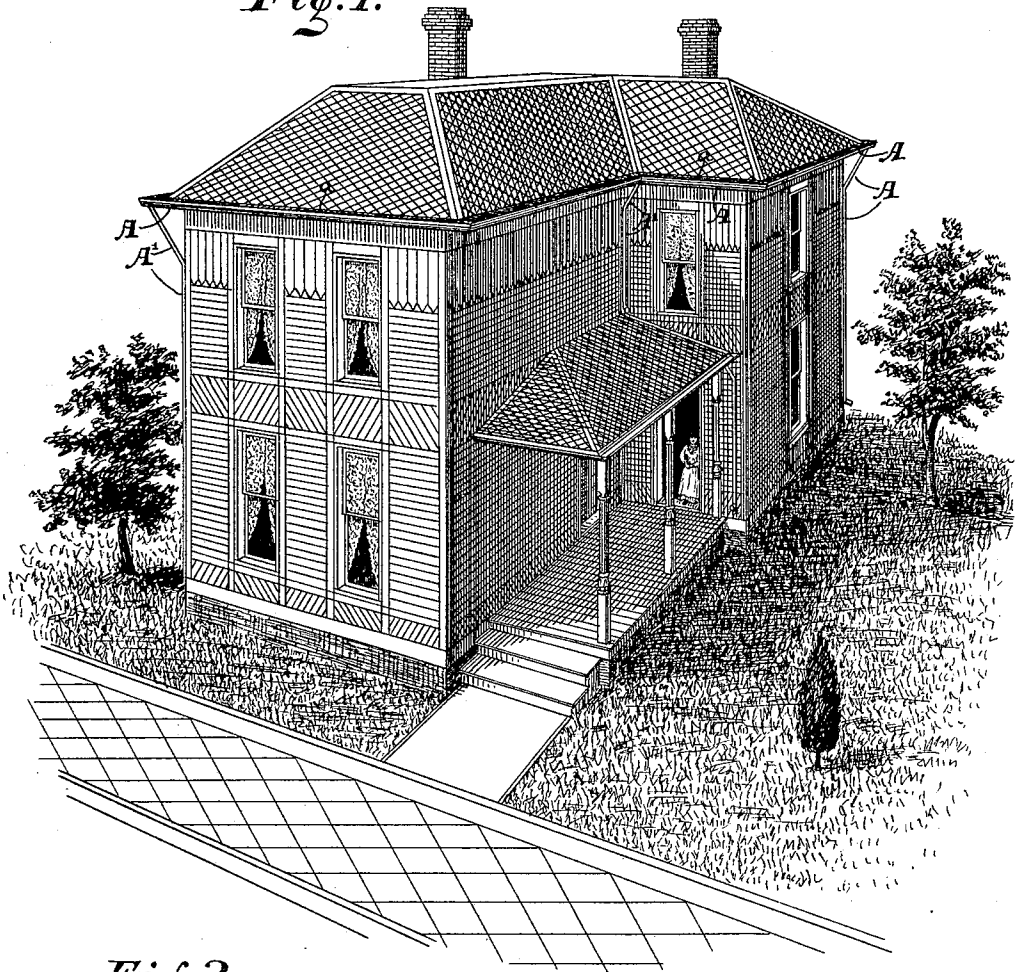
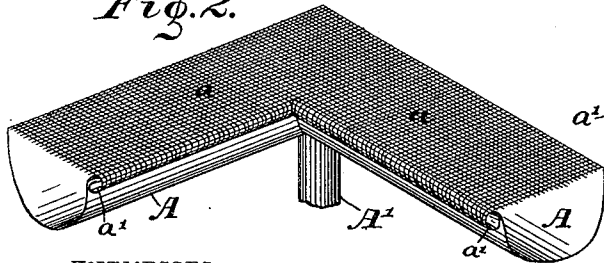


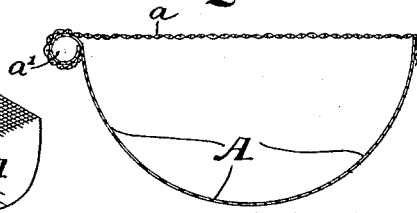
Fig. 2.



WITNESSES.

Chas. Leonard.
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Fig. 3.



INVENTOR.

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EAVES-TROUGH.

SPECIFICATION forming part of Letters Patent No. 327,005, dated September 29, 1885.

Application filed September 10, 1884. (No model.)

To all whom it may concern:

Be it known that I, MARTHA McCOY, of the town of McCoy, county of Decatur, and State of Indiana, have invented certain new and useful Improvements in Eaves-Troughs, of which the following is a specification.

As is well known, light rubbish of various kinds, especially leaves of trees, collects upon the roofs of houses, particularly in the valleys formed where two portions of the roof come together, and is washed from thence into the eaves-troughs or gutters, which are thereby clogged and unfitted for performing their function properly, at times causing the water to run over the edges, the gutters and down-spouts to freeze, and thus doing much damage. When such rubbish does not clog the gutters or down-spouts, it runs with the water into the cistern or other receptacle, and thus in a short time renders the water in such receptacle filthy and unfit for use.

The object of my said invention is to secure gutters against the admission of this rubbish while freely admitting the water, and thus obviate the above disadvantages. This object is accomplished by providing a wire screen of suitable size, and securing it above or across the top of the trough, which allows the water to pass through, but holds the dirt or rubbish on its top, where it is soon washed or blown off.

Referring to the accompanying drawings, which are made a part hereof, and on which similar letters of reference indicate similar parts, Figure 1 is a perspective view of a dwelling provided with my improved eaves-troughs; Fig. 2, a similar view of a corner section of said trough, and Fig. 3 a transverse sectional view of the same.

In said drawings, the eaves-trough or gutter is indicated by the letter A, and is substantially of an ordinary construction, with the exception of the strainer attachment *a*, and

has the usual down-spouts, A'. Said strainer *a* is preferably of wire-cloth, the meshes being of suitable size to allow the water to run through freely, but at the same time prevent all leaves and similar matter which commonly gets lodged upon the roof from dropping into the trough. It may be secured to the trough by being bent down over the back edge and soldered thereto, and on the front by being bent down under the bead *a'*, which is formed on said front edge, as shown, but may, as is obvious, be fastened in many other ways without departing from my invention.

By this construction, as will be readily understood, the refuse matter which gets lodged upon the roof and is washed off by a rain is prevented from getting into the cistern or other receptacle provided for the water, and from obstructing the passage of the water in the trough. It also forms a durable and efficient stay for said trough and prevents it from spreading and getting out of shape.

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

1. The combination, with the trough A, of the strainer *a*, secured across its top and extending over its edges, whereby dirt is prevented from entering said trough, substantially as shown and specified.

2. The combination of the eaves-trough A, having roll-bead *a'*, and the strainer *a*, secured at one side by being bent around and under said bead, substantially as shown and specified.

In witness whereof I have hereunto set my hand and seal, at Greensburg, Indiana, this 28th day of May, A. D. 1884.

MARTHA McCOY. [L. s.]

In presence of—
H. D. POPE,
JAMES T. McCOY.