

(No Model.)

M. BINGMAN.
EAVES TROUGH HOLDER.

No. 326,709.

Patented Sept. 22, 1885.

Fig. 1

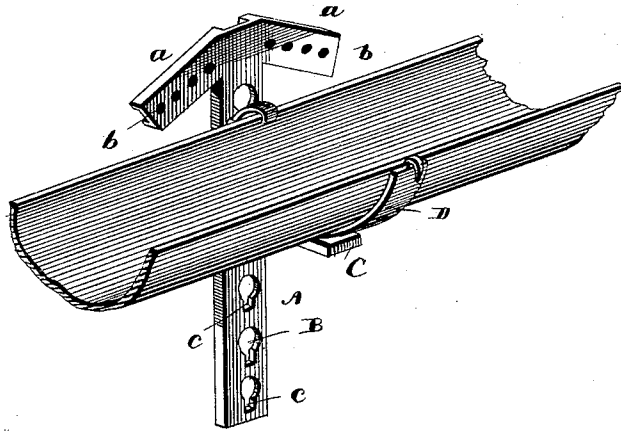


Fig. 2

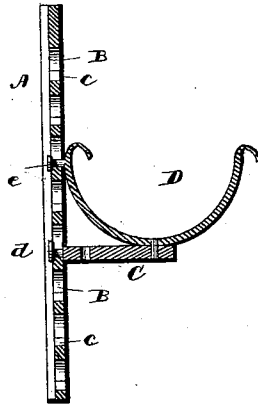
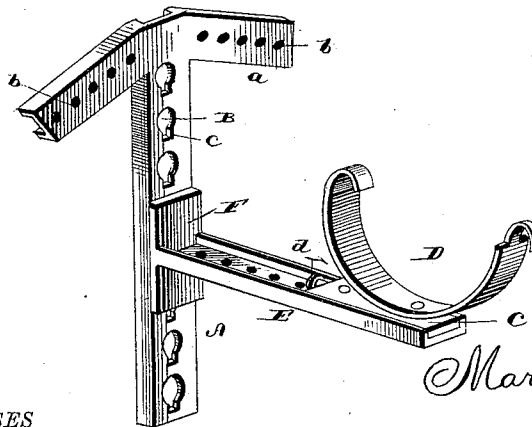


Fig. 3



WITNESSES
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UNITED STATES PATENT OFFICE.

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EAVES-TROUGH HOLDER.

SPECIFICATION forming part of Letters Patent No. 326,709, dated September 22, 1885.

Application filed August 6, 1885. (No model.)

To all whom it may concern:

Be it known that I, MARTIN BINGMAN, a citizen of the United States, residing at Snow Shoe, in the county of Centre and State of Pennsylvania, have invented certain new and useful Improvements in Eaves-Trough Holders; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to eaves-trough holders, the object being to provide a device of this character whereby the trough may be secured at any desired point of vertical adjustment and firmly held in place, and to provide a holder whereby the trough may be secured in place to project beyond a cornice, when the same is used upon a building.

A further object of the invention is to provide a holder which shall be simple in its construction, strong and durable, and one that may be manufactured at a comparatively slight cost.

With these ends in view the invention consists in the improved construction and combinations of parts, hereinafter fully described, and pointed out in the claims.

In the drawings, Figure 1 is a perspective view of an eaves-trough holder embodying my invention. Fig. 2 is a vertical section of the same; and Fig. 3 is a perspective view of a modification.

Corresponding parts in all the figures are denoted by the same letters of reference.

Referring to the drawings, A represents a supporting-strip, which is of metal, and which is provided at its upper end with oppositely-extending arms *a*, provided with a series of openings, *b*, for the passage of nails, screws, or equivalent fastenings, for the attachment of the supporting-strip. This supporting-strip A is provided with a series of openings, B, communicating with the lower ends of which are slots *c*, said openings and slots being arranged in a vertical line, and as close together as desired or found necessary.

C represents a plate, which is provided at its inner end with a projecting headed pin, *d*, which headed pin is adapted to enter any one of the series of openings B and then drop into the slot adjacent to the opening it enters. Upon the upper side of the outer end of the plate

C is a bracket, D, which is curved in cross-section to conform to the outline or contour of the trough. Upon the outer side of the inner end of the bracket D is a projecting headed pin, *e*, which is adapted to engage one of the series of openings B and then drop into the slot communicating therewith. It will thus be seen that the plate C and bracket D are supported and held in a horizontal position, and that liability to sag is prevented, the plate and bracket being mutually braced and held in place one by the other.

In securing the holder to buildings in which a cornice projects from the wall at or near the roof, it is necessary that the trough should be located a sufficient distance from the wall of the building, so that the trough will be directly under the roof. To accomplish this I have provided a long plate, E, (shown in the modification,) which plate is provided at its inner end with a cross-piece, F, which is provided on its inner side with projecting headed pins *g*, of which there may be two or more. In this case the headed pin is omitted from the bracket and said bracket secured, by riveting or otherwise, near the outer end of said plate.

It will be seen from the above description that the trough may be readily and easily vertically adjusted by simply raising the bracket and plate to disengage the pins, and the adjusting it to the desired point.

Having thus described my invention, I claim—

1. In an eaves-trough holder, the combination, with a supporting-strip provided with securing means, of a vertically-adjustable plate carrying a bracket in which the trough is adapted to rest, substantially as set forth.

2. In an eaves-trough holder, the combination, with a supporting-strip provided with a series of openings, having slots communicating therewith, of a plate and a bracket secured to the upper side of said plate, and headed pins projecting inwardly from the plate and bracket, substantially as set forth.

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

MARTIN BINGMAN.

Witnesses:

JAMES A. McCLAIN,
CHARLES SMITH.