Dec. 4, 1951 P. DODSON 2,577,006

ADJUSTABLE EAVES TROUGH SUPPORT

Filed July 10, 1950

Fig. 1.

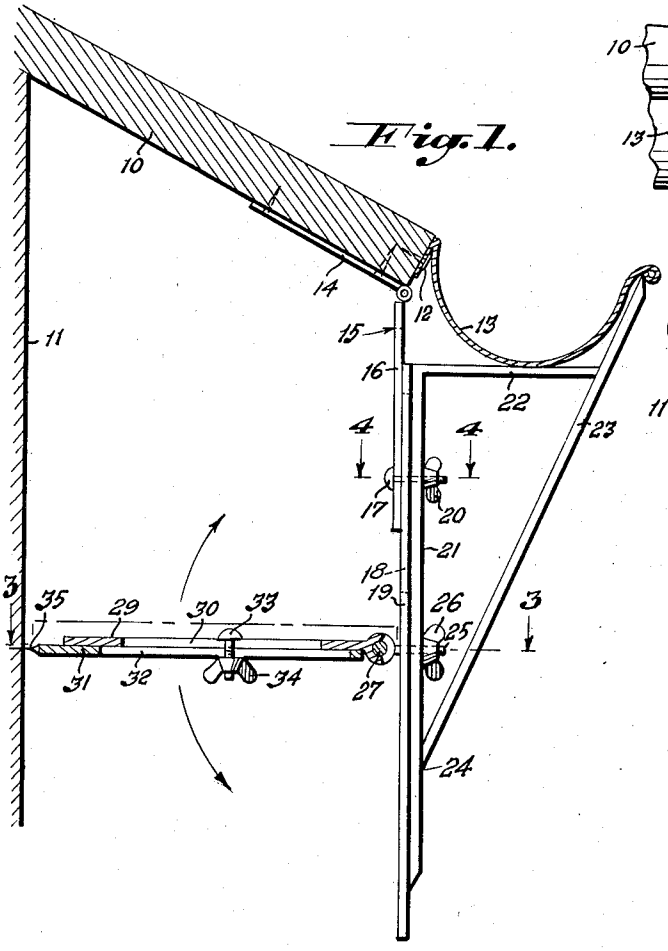


Fig. 2.

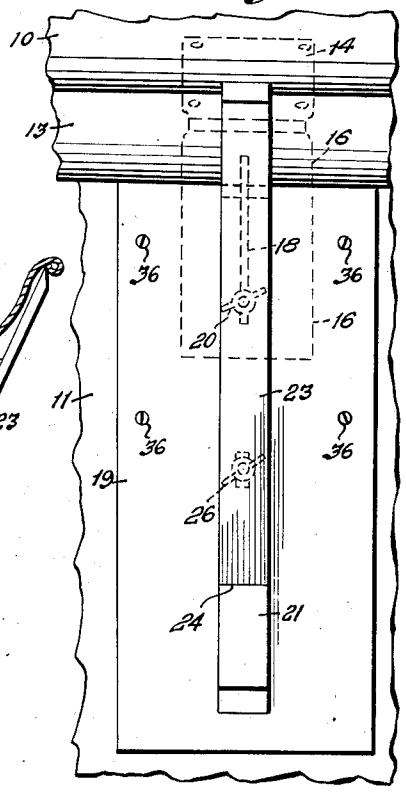


Fig. 3.

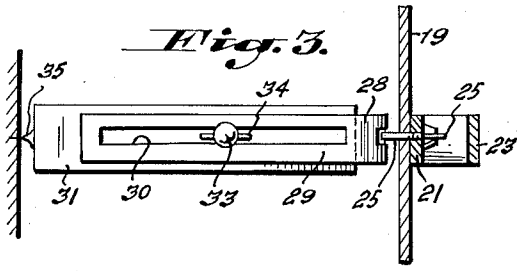


Fig. 4.

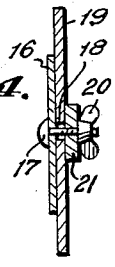
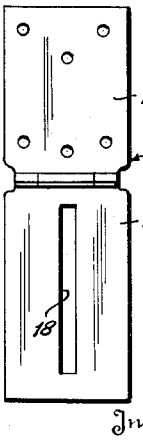


Fig. 5.



Inventor

Pearl Dodson

By Patrick D. Beavers

Attorney

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ADJUSTABLE EAVES TROUGH SUPPORT

Pearl Dodson, Newark, Ohio

Application July 10, 1950, Serial No. 172,887

2 Claims. (Cl. 248—48.1)

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The present invention relates to an adjustable eaves trough support and it consists in the combinations, constructions and arrangements of parts herein described and claimed.

Generally there is provided a device for the supporting temporarily of an eaves trough or gutter for buildings and it consists of a vertically extending base plate on the outer side of which is vertically adjustable a bracket for supporting an eaves trough and to the upper rear portion of which is affixed one leaf of a hinge member the other leaf of which is adapted to be temporarily affixed to the under side of the eaves of a building. Affixed to the lower end of the bracket member and extending through a vertical slot in the base plate is a pivoted and adjustable wall engaging member. The device is used in pairs in order to properly align an eaves trough prior to permanently affixing the same to a roof. Provision is also made for utilizing the device with buildings having no projecting eaves.

It is accordingly an object of the invention to provide a device of the character set forth which is simple in construction, inexpensive to manufacture and yet effective and efficient in use.

Another object of the invention is the provision of a novel aligning support for eaves troughs.

A further object of the invention is the provision of novel adjusting devices for positioning a bracket forming a part of the invention.

Other and further objects of the invention will become apparent from a reading of the following specification, taken in conjunction with the drawings, in which:

Figure 1 is a side elevational view, partly in section, of an embodiment of the invention,

Figure 2 is a front elevational view of the device shown in Figure 1,

Figure 3 is a sectional view taken along line 3—3 of Figure 1,

Figure 4 is an enlarged fragmentary sectional view taken along line 4—4 of Figure 1, and

Figure 5 is an elevational view of a hinge member forming a part of the invention.

Referring more particularly to the drawing, there is shown therein an eave 10 of a building together with its associated wall 11. To the outer end of the eave 10 there is affixed, as by nails 12, a gutter or eaves trough 13 of conventional character.

Affixed to the under portion of the eave 10 is the upper leaf 14 of a hinge member 15 whose lower leaf 16 has centrally extending therethrough a bolt 17 which, in turn, extends through

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a vertical slot 18 in a vertically extending base plate 19 and which is provided upon its outer end with a wing nut 20.

The bolt 17 also extends through a vertical arm 21 of a bracket which is provided at its upper end with a horizontal support member 22 to the outer end of which is affixed an upwardly and outwardly extending support member 23 whose lower end is affixed to the vertical member 21, as indicated at 24. A bolt 25 extends transversely through the vertical member 21 and the plate 20 and has threaded thereon upon its outer end a thumb screw 26. The inward end of the bolt 25 is affixed to the pintle 27 of a hinge 28 which has integrally formed therewith an outwardly extending arm 29 provided with a longitudinally extending slot 30.

A securing plate 31 is likewise provided with a longitudinal slot 32 and is adjustably secured to the plate 29 by means of a bolt 33 having a wing nut 34 secured thereto. The outer end of the plate 31 has formed thereon a pointed detent 35.

In operation, it will be apparent that when it is desired to align a gutter 13, the leaf 14 is first tacked to the underside of the lower portion of the eave 10 and thereafter the supporting bracket 21, 22, 23 is vertically adjusted upon the lower leaf 16 until the upper extremity of the arm 23 engages the outer lip of the gutter 13 while the horizontal arm 22 supports the underside of the gutter 13. Thereupon the thumb screw 20 is tightened to maintain the bracket support in position and the device may now be swung upon the hinge 15 until the desired setting of the gutter 13 is had whereupon the securing plate 31 may be impinged in the wall 11 and the thumbscrew 34 tightened upon the bolt 33 to maintain the arms 29 and 31 in adjusted position and hence to maintain the particular angularity desired in the plate 16 and its allied mechanism.

In the event the particular roof being worked upon is not provided with an eave as shown at 10, the hinge 15 would be removed from the remainder of the apparatus by loosening the nut 20 from the bolt 17 and withdrawing the same therefrom whereupon the base 19 may be tacked to the wall 11 by inserting nails through the openings 36 formed in such base member. In this event the arms 29 and 31 would depend vertically from the hinge 28 and pintle 27 as they would not be utilized in such case.

While but one form of the invention has been shown and described herein, it will be readily apparent to those skilled in the art that many minor modifications may be made without de-

parting from the spirit of the invention or the scope of the appended claims.

What is claimed is:

1. A device of the character described comprising a hinge having an upper leaf and a lower leaf, a base plate vertically adjustable upon said lower leaf, a gutter-supporting bracket affixed to said lower leaf, and adjustable means for supporting the base plate against the wall of a building, said bracket having a horizontal support for the base of a gutter and an outwardly and upwardly extending arm for engaging the lip portion of a gutter.

2. A device of the character described comprising a hinge having an upper leaf and a lower leaf, a base plate vertically adjustable upon said lower leaf, a gutter-supporting bracket affixed to said lower leaf, and adjustable means for supporting the base plate against the wall of a building, said means including an arm hinged to the lower rear side of said base plate, an extension arm longitudinally adjustable upon said

first-mentioned arm, and a pointed wall-engaging end for said extension arm, and said bracket having a horizontal support for the base of a gutter and an outwardly and upwardly extending arm for engaging the lip portion of a gutter.

PEARL DODSON.

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