Oct. 20, 1925. 1,558,385

C. MEUNIER

GUTTER MOUNT

Filed Feb. 20, 1925

Fig. 1.

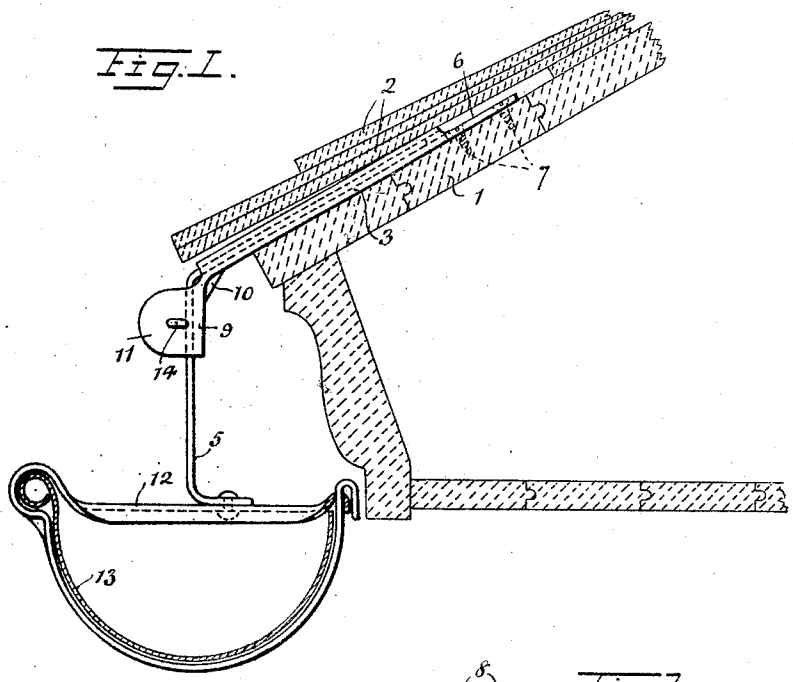


Fig. 2.

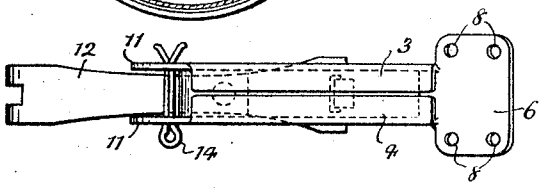


Fig. 3.

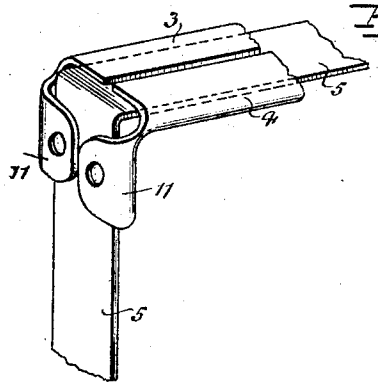
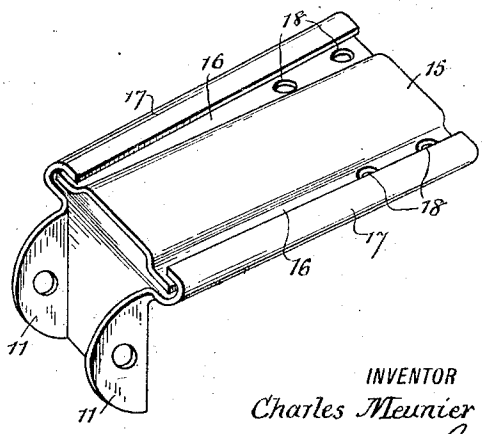


Fig. 4.



WITNESSES

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UNITED STATES PATENT OFFICE.

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GUTTER MOUNT.

Application filed February 20, 1925. Serial No. 10,643.

To all whom it may concern:

Be it known that I, CHARLES MEUNIER, a citizen of the United States, and a resident of Great Neck, in the county of Nassau and State of New York, have invented a new and Improved Gutter Mount, of which the following is a full, clear, and exact description.

This invention relates to gutter mounts and more particularly to improved means for supporting a gutter or gutter hanger, an object of the invention being to provide means to permit the hanger to be removably connected to its support and the latter located under the tile, slate or shingles forming the roof of a building or the like.

It is not only a difficult matter to secure a gutter hanger on top of slate and tile roofs but when they are so secured they disfigure the building, and it is the purpose of my invention to provide improved means for supporting the gutter hanger, which means are located under the tile, slate or shingles and is hid from view so that the hanger does not disfigure the building.

A further object is to provide a hanger supporting means which is secured to the roof before the slate, tile or shingles are attached so that the building can be completed and the gutter with its hangers can be connected to the support as a final completing operation.

In ordinary practice the gutters are connected before the building operation is completed, and the gutters not only become clogged with shavings, nails, pieces of wood, slate and the like, but they are bent or displaced or marred by the ladders used by painters and other workmen, and also by the handling of materials, and when my invention is employed such disfiguring of the gutter is entirely done away with as the gutter can be attached as a final operation to the building structure. Furthermore, my improved gutter may be readily removed, repaired and replaced without difficulty and without marring or injuring the building in any way.

With these and other objects in view, the invention consists in certain novel features of construction and combinations and arrangements of parts which will be more fully hereinafter described and pointed out in the claims.

In the accompanying drawings—

Figure 1 is a view showing a fragmentary section of a building roof structure with my improved gutter mounted in operative position;

Figure 2 is a plan view of my improved gutter mount;

Figure 3 is an enlarged fragmentary perspective view illustrating a modification;

Figure 4 is a perspective view illustrating a modified form of support.

1 represents a roof structure on which tile, slate or shingles, as indicated by reference character 2, are attached in the ordinary manner. 3 represents my improved hanger support. This support is composed preferably of copper although the invention is, of course, not limited to the material employed. The support comprises a sheet of metal having its side portions bent inwardly, forming in effect an elongated flat sleeve 4 of such size and shape as to receive the end of a hanger strap or bar 5 therein.

The support has, preferably, a transversely enlarged integral flat plate 6 at its upper or free end, which is secured by screws or other attaching means 7 positioned through openings 8 in the plate and secured in the roof structure 1 before the tile, slate, shingles and the like are located on the roof structure. The lower or outer end of the support projects beyond the roof structure and has its extremity 9 located at an angle thereto and preferably strengthened and reinforced by an integral web 10 located at the angle. This extremity 9 comprises a flat plate vertically disposed and having at its side edges a pair of perforated ears 11.

The hanger strap or bar 5 above referred to is secured centrally to a clamp 12 which is positioned around and firmly grips the gutter 13 so that the gutter is hung or suspended from a central point so that excessive weight thereon has no tendency to distort or bend the gutter or its hangers.

To secure the strap or bar 5 in the support I have illustrated a cotter pin 14 which is projected through the perforated ears 11 against the face of the strap or bar 5.

In Figure 4 I illustrate a modified form of support in which instead of making the latter of a single piece I construct the same of two pieces, one piece constituting a sliding plate 15 having its edges 16 located under flanges 17 on the main portion of the support. This plate 15 is laterally offset longitudinally of its length to accommo-

date the bar or strap 5, and both members of this support are provided with openings 18 which accommodate screws or other securing means.

In operation, after the roof structure is formed, my improved supports 3 are secured thereon and spaced apart the desired distance. The tile, slate, shingles or the like are located on the roof and arranged to cover the supports, as indicated in Figure 1. After the building is completed or substantially completed the gutter 13 with its clamps 12 and straps 5 is assembled, and the straps 5 are bent at the desired angle so that the free ends of said straps are located at the same angle as the supports 3 and can be slid into said supports. When the ends of the straps are slid into the supports they are secured either by the cotter pins 14, or by bending the ears 11, or by any other improved means which will prevent the ends of the straps or bars 5 from sliding out of the supports. If it is desired to remove the gutter for any reason, it is a simple matter to remove cotter pins, or unbend the ears and slide all of the straps or bars from the supports.

Various slight changes and alterations might be made in the general form of the parts described without departing from my invention, and hence I do not limit myself to the precise details set forth but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of the appended claims.

I claim:

1. A gutter mount, comprising a flattened guide member constituting a support and comprising upper and lower plates coupled at their edges, and a flat hanger strap, said member adapted to be secured under a roof covering, and said strap having its upper portion bent at an angle to the main vertical portion thereof and telescoping within said member, and means removably securing the strap in said member.

2. A gutter mount, comprising a flattened guide member constituting a support, and a flat hanger strap, said member adapted to be secured under a roof covering and said strap having its upper portion bent at an angle to the main vertical portion thereof and telescoping within said member, perforated ears on the outer end of said member located at opposite edges of the strap, and a removable pin in said ears securing the strap in the member.

CHARLES MEUNIER.