Jan. 3, 1967 J. H. BLAYDEN 3,295,803

RIGID ONE-PIECE GUTTER HANGER

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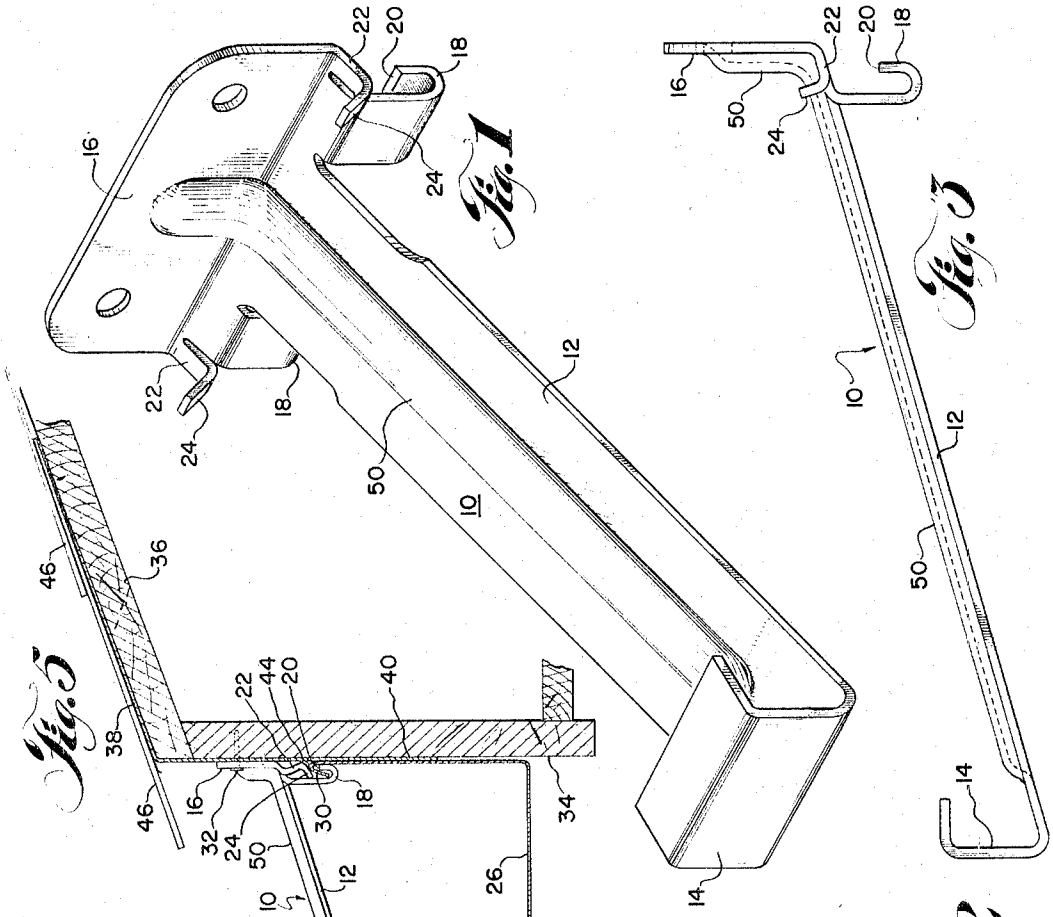


Fig. 1

Fig. 3

Fig. 5

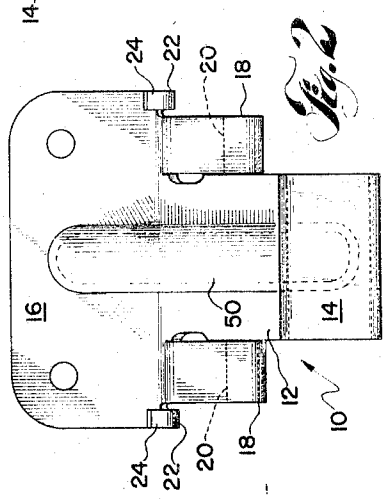


Fig. 2

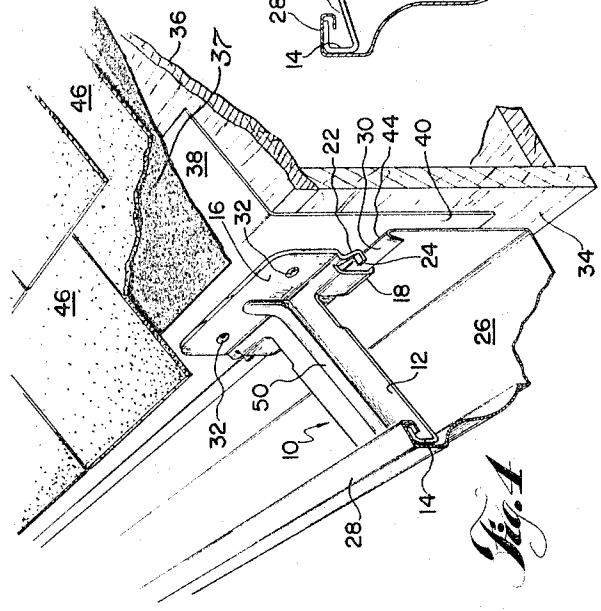


Fig. 4

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Fig. 6

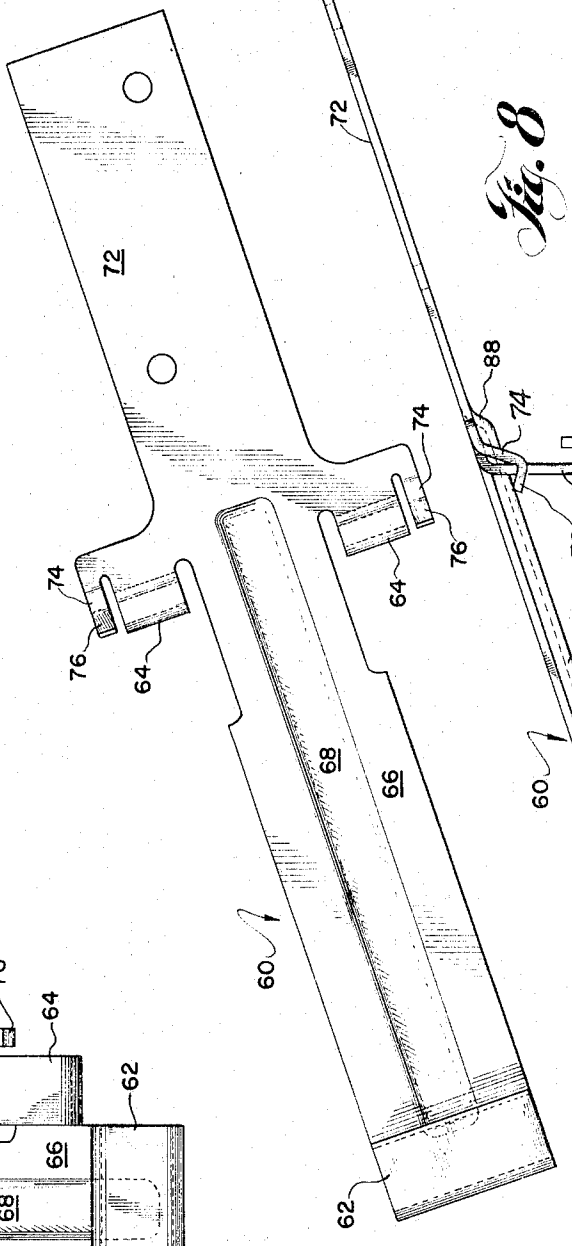
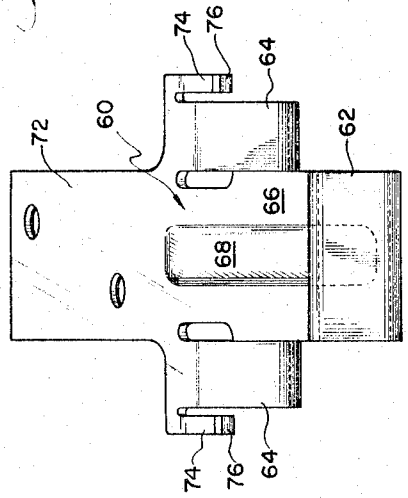


Fig. 8

Fig. 7



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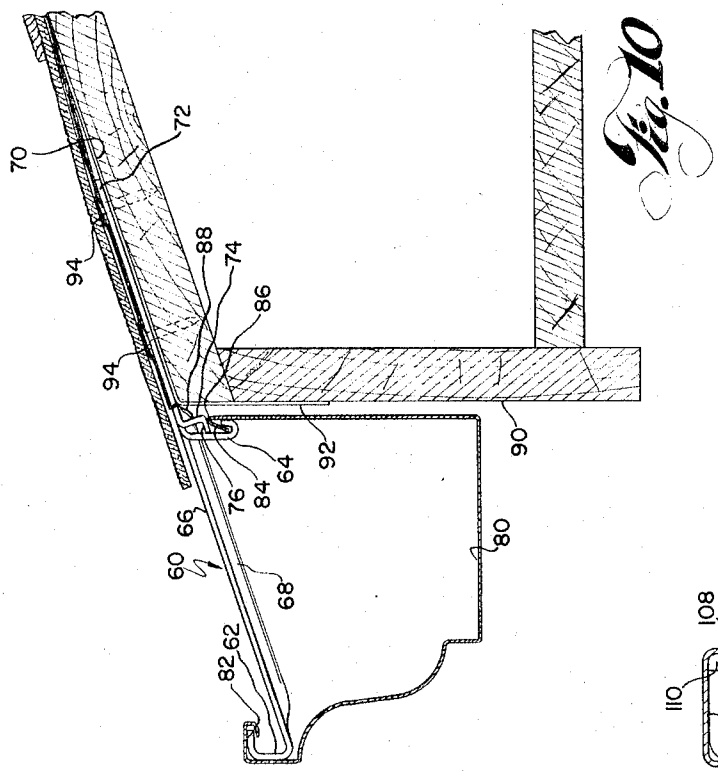


Fig. 10

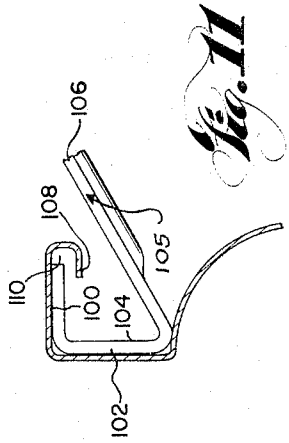


Fig. 11

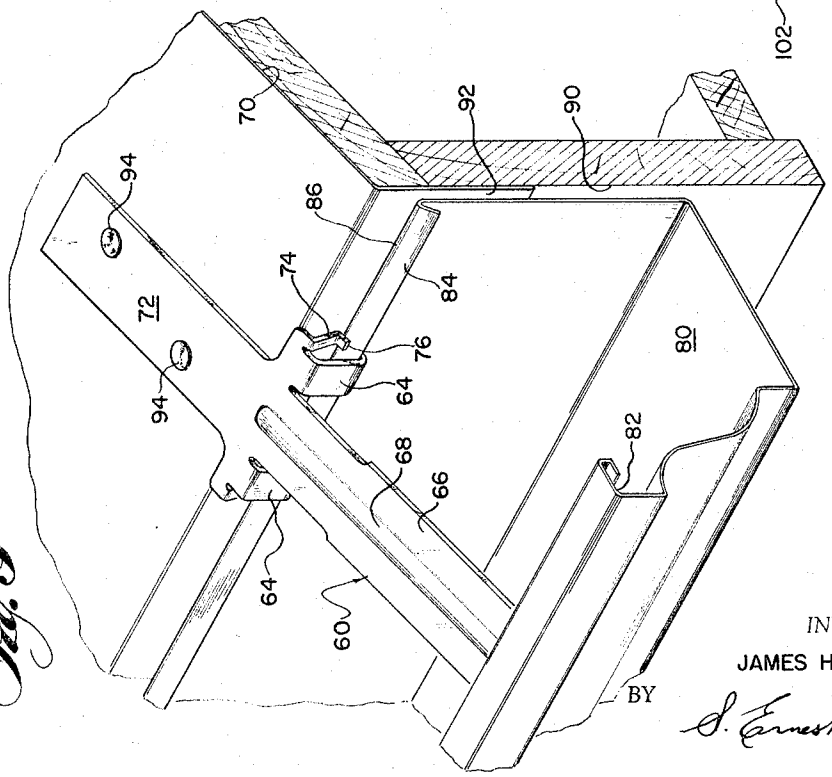


Fig. 9

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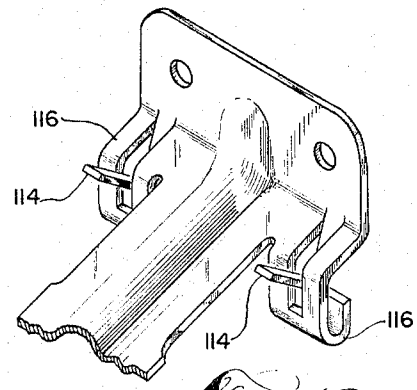


Fig. 12

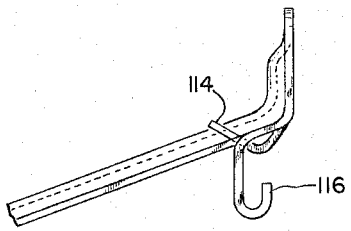


Fig. 13

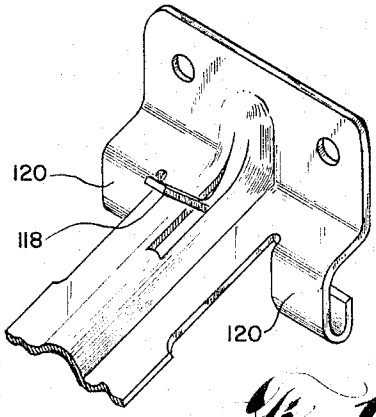


Fig. 14

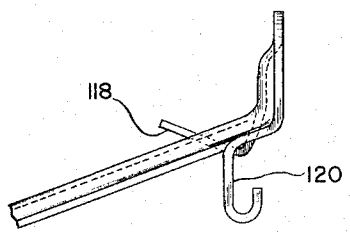


Fig. 15

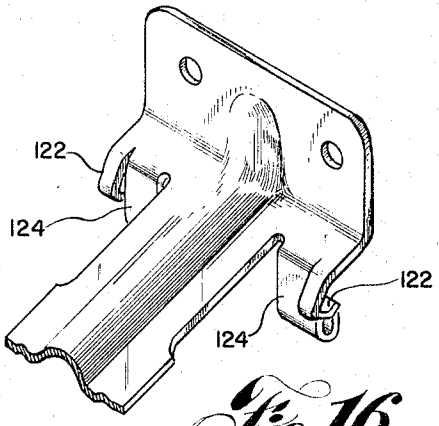


Fig. 16

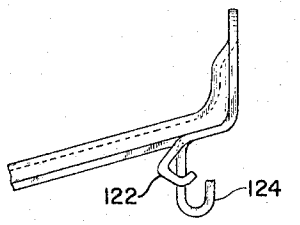


Fig. 17

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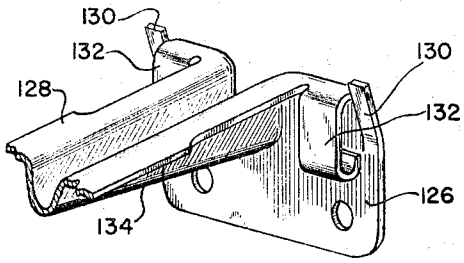


Fig. 18

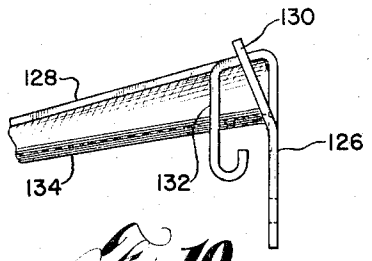


Fig. 19

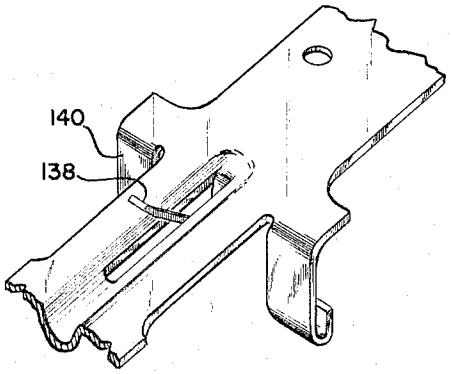


Fig. 20

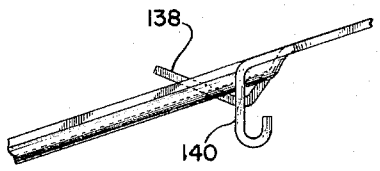


Fig. 21

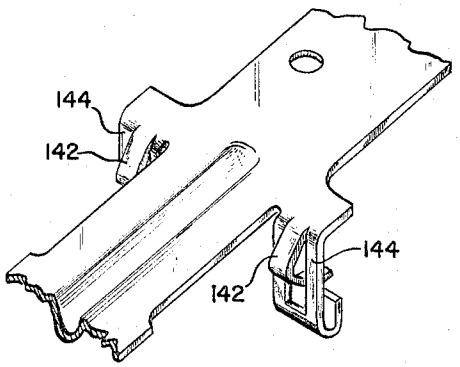


Fig. 22

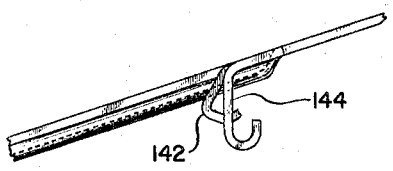


Fig. 23

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United States Patent Office 3,295,803 Patented Jan. 3, 1967

3,295,803

RIGID ONE-PIECE GUTTER HANGER

James H. Blayden, Pittsburgh, Pa., assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania

Filed July 6, 1964, Ser. No. 380,311
12 Claims. (Cl. 248—48.2)

This invention relates to gutter and similar trough hangers of the general type described and illustrated in United States Letters Patent 3,022,029, granted February 20, 1962.

It has been observed in practice that hangers of the general type described in the aforesaid patent have exhibited a tendency, under adverse updraft wind loading, to become insecure and noisy as a result of the loose connection between the rear open marginal edge bead of a gutter section and the hangers employed in hook engagement therewith, the aforesaid loose connection being otherwise desirable and intentionally provided for ease in initially installing a gutter system and providing relative axial expansion and contraction of gutter sections in such installations.

In accordance with the instant invention, new and improved hangers have been developed over that of the aforesaid granted patent which insure against the audible noise level experienced with the earlier form of patented hanger, as well as providing more secure and stable gutter and hanger installations.

All of the benefits, objects and advantages of the hanger and installations of the aforesaid earlier granted patent prevail in the improved hangers and installations incorporating the same, as will be hereinafter described in detail, with the added advantage that the improved hangers of this invention provide more stable, substantially vibration-free gutter and hanger systems characterized by low audible noise level under deleterious wind loading and similar atmospheric conditions.

The following illustrations are represenative of improved hangers and gutter systems falling within the practice and scope of the invention, in which:

FIGS. 1, 2 and 3 illustrate perspective, end and side elevational views, respectively, of one embodiment of hanger falling within the scope of the invention;

FIG. 4 illustrates a fragmentary perspective view, in partial section, of a gutter section installation incorporating the hanger of FIGS. 1, 2 and 3;

FIG. 5 illustrates an end elevational view, in partial section, of the installation of FIG. 4;

FIGS. 6, 7 and 8 illustrate top plan, end and side elevational views of a second embodiment of the invention;

FIG. 9 illustrates a fragmentary perspective view, in partial section, substantially similar to FIG. 4, but incorporating the hanger of FIGS. 6, 7 and 8;

FIG. 10 illustrates an end elevational view, in partial section, of the installation of FIG. 9, with added roof covering;

FIG. 11 illustrates a fragmentary partial sectional view of the outermost terminal end of an alternative hanger structure falling within the scope of the invention.

FIG. 12 illustrates a fragmentary perspective view of a modified version of the hanger of FIGS. 1, 2 and 3;

FIG. 13 illustrates a fragmentary side elevational view of the hanger of FIG. 12;

FIG. 14 illustrates a fragmentary perspective view of another modified version of the hangers of FIGS. 1, 2, 3, 12 and 13.

FIG. 15 illustrates a fragmentary side elevational view of the hanger of FIG. 14;

FIG. 16 illustrates a fragmentary perspective view of a further modified version of the hangers of FIGS. 1, 2, 3, 12, 13, 14 and 15;

FIG. 17 illustrates a fragmentary side elevational view of the hanger of FIG. 16;

FIG. 18 illustrates a fragmentary perspective view of an alternative form of the hangers of FIGS. 1, 2, 3, 12, 13, 14, 15, 16 and 17;

FIG. 19 illustrates a fragmentary side elevational view of the hanger of FIG. 18;

FIG. 20 illustrates a fragmentary perspective view of a modified version of the hanger of FIGS. 6, 7 and 8;

FIG. 21 illustrates a fragmentary side elevational view of the hanger of FIG. 20;

FIG. 22 illustrates a fragmentary perspective view of another modified version of the hangers of FIGS. 6, 7, 8, 20 and 21; and

FIG. 23 illustrates a fragmentary side elevational view of the hanger of FIG. 22.

The basic structural feature common to all embodiments and alternative forms of the invention, and distinguishing the same over the presently widely accepted hanger and installations of the aforesaid Patent 3,022,029, lies in the provision of positive means, deflectable after initial association of a gutter section within an improved hanger of the invention, to insure against and/or eliminate substantial generally upward relative movement of the rear edge of gutter sections in respect to the improved hangers supporting the same to thereby obviate noise-producing vibration commonly encountered under updraft wind loading directed against the underside surfaces of installed gutter sections, without however interfering with relative axial movement between the gutter sections and their supporting hangers in compensation of expansion and contraction over a length or lengths of the improved gutter installations of the present invention.

In more specific terms, and referring first to the hanger and installation illustrated in FIGS. 1 through 5, it will be observed that the hanger **10** comprises a supporting strap or arm **12** terminating at its forward or outermost terminal end in an upwardly and rearwardly directed marginal open hook **14** of generally C-shape configuration. The opposite end of the arm or strap **12** is also preferably configurated to provide a mounting and/or locating flange **16** characterized by a substantially flat rearwardly directed surface in angular disposition to the plane of the longitudinal axis of the arm **12** the purpose of which is to provide flush or conforming attachment and rigid securement of the hanger to a building surface proximate and normally located below and adjacent the plane of a roof structure, or the like (FIGS. 4 and 5). In this connection, it will be appreciated that the angular relationship between the plane of the rear preferably flat face of the mounting flange **16** and the plane of the longitudinal axis of the arm or strap **12** of the hanger **10** would be selected to suit the particular pitch of the roof to which a gutter installation is adapted in use. In fact the strap or arm **12** need not lie in a single plane but may be axially stepped or otherwise axially configurated to accommodate gutters of different crosssections and roofs of different slopes than herein illustrated, the chief desideratum being that a gutter supported by the hanger **10** be substantially horizontal in a transverse plane.

The rear mounting flange **16** serves to support or carry, adjacent its lower marginal edge portion, at least one downwardly and reversely upwardly struck, or otherwise formed, upwardly open gutter engaging and supporting channel or hook-shaped portion **18**, the upwardly directed upper edge **20** of which preferably, but not necessarily, lies in a plane parallel to and slighly in advance of the aforementioned rearwardly facing preferably and substantially flat plane surface of the mounting flange **16**. In addition, and providing a new and improved feature of hangers falling within the scope of the instant invention, an initially generally forwardly extend-

ing or directed gutter securing tab **22** is provided above and adjacent, and preferably laterally outwardly separated from, the rear hook-shaped gutter engaging configuration **18**, the outer extremity of the tab **22** being, in this embodiment of hanger, angularly forwardly and upwardly inclined at **24** for subsequent deflectable manipulation, as hereinafter described. In this connection, it will be manifest that the securing tab **22–24** could be otherwise configurated and located in respect to the hook-shaped configuration **18**.

The hanger **10** is illustrated in gutter supporting assembly and securement in a rain collecting gutter, flume, or similar system in FIGS. 4 and 5. Therein it will be observed that a gutter section **26** of generally box section, and provided with front and rear marginal edge generally downwardly open beads **28** and **30**, is dependingly supported by engagement of the upwardly directed hook-configurated forwardly located terminal end **14** and downwardly depending rearwardly disposed channel-configurated hook or hooks **18** of the hanger, respectively, within the aforesaid beads **28** and **30**, the hanger **10** being otherwise secured by suitable fastening devices, such as the nails or screws **32**, extending through the mounting flange **16** into an underlying supporting structure, such as provided by a fascia board, end surfaces of roof rafters, a roof truss, or similar related building surface **34** at a hanger and gutter level slightly below and proximate the roof deck **36** (FIG. 5).

A flashing sheet **38** may, if desired, be employed in overlying disposition on the upwardly facing surface of roof deck **36** and be angularly downwardly bent over the edge thereof to provide a depending apron **40** overlying the outwardly disposed building surface **34**, and when employed, the rear face of the hanger mounting flange **16** would abut thereagainst and the fastening means or devices **32** would extend therethrough into the underlying building structure.

It will be noted from FIGS. 4 and 5 that the initially generally forwardly extending or directed tab **22** has been deflected and angularly bent downwardly and rearwardly to position the contiguous surface **24** thereof in overlying interfering relationship to upward movement of the upwardly facing generally curved or convex surface **44** of the rear downwardly open marginal gutter bead configuration **30** to thus prevent extensive upwardly movement and/or disengagement and substantially noise-producing vibration of the rear hanger hook or hooks **18** in respect to the rear marginal gutter bead **30**. The hanger and gutter suspension or installation thus provided is substantially audibly noise-free and stable under environmental updraft wind loading conditions, while permitting conventional axial relative movement between the hanger **10** and gutter section **26**.

The roof deck **36** is preferably covered with an exposed roofing material, shingles **46** being typical, and may if desired be provided with underlying roofing felt **37** (FIG. 4), and the hanger **10** may be economically fabricated and mass produced in the form of a substantially rigid one-piece sheet metal stamping. As such, the hanger **10** can be reinforced and strengthened by means of a contiguous upstanding rib **50**, pressed or otherwise formed in the strap or arm **12** and rear mounting flange **16**, and thus permit the use of relatively thin gauge sheet material. Manifestly the hanger **10** lends itself to fabrication from metals and many available non-metallic plastics, and its particular mode of production would include casting, forging, stamping, forming, extruding, and combinations of such established fabricating processes.

A second illustrated embodiment of hanger, and gutter installation incorporating the same, are shown in FIGS. 6 through 10. Therein a rigid one-piece hanger **60**, which lends itself to fabrication from metals and non-metallic commercially available plastics in the same manner as stated above for the hanger **10**, comprises a forward terminal upstanding C-shaped hook configuration or formation **62** in axial separation from at least one downwardly depending and reversely upwardly directed or struck, upwardly open, or channel-shaped, rearwardly located hook formation **64** in lateral disposition to a strap or arm portion **66** forming a substantially rigid support therefor and connection therebetween. As in the case of the previously described hanger **10**, a strengthening and reniforcing rib **68** permits using an otherwise relatively thin gauge material for the hanger **60**. However, the rib **68** is preferably depressed into the strap **66** from the upper surface thereof.

Unlike the angularly disposed hanger mounting flange **16** of FIG. 1, the strap or arm portion **66** of hanger **60** is extended rearwardly beyond the rear hook formation or formations **64** to provide an attaching flange or tab **72** for substantially flat contacting securement against the upwardly directed surface of a roof deck **70**.

At least one forwardly extending or directed gutter securing tab **74**, having an initially angularly forwardly and upwardly inclined contiguous extension **76**, is carried or supported in association with the hanger strap **66** adjacent at least one of the rear depending hook formations **64**. As best viewed in FIG. 8, the tab formation **74–76** is initially disposed slightly above and in advance of the lower terminus upwardly open entrance to the hook formation or formations **64**, the purpose of which will be hereinafter explained. It will also be understood that the securing tab **74–76** could be otherwise located and configurated in respect to one or both of the hook configurations **64**.

The hanger **60** dependingly receives and supports a box or similar gutter section **80** (FIGS. 9 and 10) provided with generally downwardly open and accessible front and rear marginal edge beads **82** and **84**, respectively, within which the aforedescribed front C-shaped hook configuration **62** and rear hook formation or formations **64**, respectively, are received. The tab or tabs **74** are thereafter deflectably deformed downwardly and slightly rearwardly into overlying interfering relationship of the inclined extension **76** thereof above the upwardly directed exterior convex surface **86** of the rear marginal edge downwardly open gutter bead **84** in the same manner and for the same purpose as described above for the installed hanger **10** (FIGS. 4 and 5).

Reference to FIG. 10 will clearly reveal that the downwardly projecting or depressed rear edge of the reinforcing rib **68** forms an offset shoulder **88** in spaced abutment of the hanger **60** outwardly away from the front fascia board or equivalent building surface **90** proximate and slightly below the roof deck **70**. The offset shoulder **88** also serves to definitely locate a plane intermediate the axial over-all length of the hanger **60** at which the rearwardly extending attaching flange **72** can be angularly bent in respect to the forwardly extending strap portion **66** thereof to accommodate various roof slopes. Also, and as was the case of the previously described and illustrated installed hanger **10** (FIGS. 4 and 5), an angularly preformed flashing strip or sheet **92** may be first installed in overlying contiguous contact against the roof deck **70** and front angularly disposed building surface **90** before securing the hanger **60** by means of suitable fasteners **94** extending through the hanger flange **72** into the underlying roof sheathing (FIG. 10).

FIG. 11 illustrates an alternative front or free terminal end C-shape hook configuration for substitution for either of the terminal or forward hook configurations **14** and **62** of the previously illustrated and described hangers **10** and **60**. Herein the C-shaped forward or terminus hook configuration **102** is selected in such vertical depth of the front leg **104** thereof that its juncture with the rearwardly extending strap portion **106** of a so modified hanger **105** serves to provide firm frictional engagement within and against coextensive contiguous contacting interior surfaces of the gutter section bead **100** to provide a wedge or jamb fit therewithin.

It will be further observed that the front marginal beads **100** (FIG. 11), **28** (FIG.5) and **82** (FIG. 10) of the gutter sections incorporate an inwardly directed return bend, illustrated specifically at **108** in FIG. 11, and thus provide a substantially horizontal inwardly open recess **110** (FIG. 11) into which a termianl portion of the inwardly directed upper flange of the C-shaped hanger configurations **14**, **62** and **102**, respectively, extend. This construction of the C-shape forward terminal ends of the hangers **10**, **60** and **105**, on assembly within the substantially complementary front marginal gutter beads **28**, **82** and **100**, respectively, in combination with the rear marginal gutter bead-hanger hook engagement, in each embodiment of the invention, reacts to prevent or limit spreading separation of the opposite lateral walls of the gutter sections, with the internal frictional or wedging engagement of the alternate front C-shape hook configuration of the hanger within the front gutter bead (FIG. 11) further enhancing the stability of the support and suspension of gutter systems falling within the practice of the invention.

Modified versions, or alternative embodiments of the previously described hangers **10**, **60** and **105** are illustrated in the fragmentary views disclosed in FIGS. 12 through 23. These modified versions pertain in all instances to the rear gutter supporting and deflectable gutter restraining tab structure of the hangers of the invention and are substitutable or interchangeable for the aforesaid hangers **10**, **60** and **105** in the gutter and hanger installations of FIGS. 5 and 10.

For example, the hanger illustrated in FIGS. 12 and 13 differs from the previously described hanger **10** of FIGS. 1, 2 and 3 in providing an initially forwardly extending and subsequently rearwardly deflectable gutter securing tab **114**, punched or otherwise formed within the width dimension of at least one of the depending rear marginal gutter engaging hook-shaped configurations **116**, the hanger and its installation with a gutter section being otherwise similar to the installed system of FIGS. 4 and 5.

FIGS. 14 and 15 represents a further modification of the hanger **10** of FIGS. 1, 2 and 3, as well as the hanger of FIGS. 12 and 13. Herein a rearwardly deflectable initially forwardly extending gutter securing tab **118**, located intermediate rear marginal gutter engaging hook-shaped configurations **120**, is provided. The hanger is otherwise similar in its structure and installation to hanger **10** (FIGS. 4 and 5), as well as to the hanger of FIGS. 12 and 13.

Further modification applicable to any one of the hangers of FIGS. 1, 2 and 3, FIGS. 12 and 13, and FIGS. 14 and 15, will be observed on inspection of the hanger illustrated in FIGS. 16 and 17. Therein an initially forwardly extending and rearwardly directed gutter securing tab **122**, adjacent at least one of the rear marginal gutter engaging hook-shaped configurations **124**, is provided for subsequent rearward deflection in otherwise the same manner as illustrated and previously described for the hanger and gutter installation of FIGS. 4 and 5.

FIGS. 18 and 19 illustrate a further modification of the rear hanger mounting and gutter securing structural features of the otherwise previously described hanger **10**. In this embodiment of hanger the rear mounting flange **126** depends below the hanger strap **128** and carries at least one initially forwardly directed and inclined gutter securing tab **130** disposed above and adjacent at least one of the rear marginal gutter bead engaging hook-shaped configurations **132**. The gutter securing tab or tabs **130** of this embodiment of the invention would be forwardly deflected in interference overlying relationship to a rear gutter bead in an otherwise similar manner to that described for hanger **10** (FIGS. 4 and 5). It will be observed that the reinforcing rib **134** in this hanger has been depressed downwardly into the strap **128** and is preferably deepened perceptibly in a tapered trace towards and into contiguous connection with its mounting flange **126**. Interference between the mounting flange **126** and a gutter section supported by this hanger recommends that this hanger be secured in place proximate the roof surface, or permanent structure with which it is to be employed, prior to its supporting engagement within the front and rear marginal beads of a gutter section.

FIGS. 20 and 21 have been selected to illustrate a modified version of the previously described hanger **60** of FIGS. 6, 7 and 8. In the modified hanger of FIGS. 20 and 21, a single gutter securing tab **138** is provided intermediate the rear marginal gutter engaging hook-shaped configurations **140** and is rearwardly deflectable into overlying relationship to the upwardly exposed surface of a rear gutter section bead in the same manner as previously described and illustrated in FIGS. 9 and 10.

FIGS. 22 and 23 are also addressed to a modified version of the previously described hanger of FIGS. 6, 7 and 8, as well as the hangers of FIGS. 20 and 21, in that at least one gutter securing tab **142** is provided within the width of at least one of the rear marginal gutter engaging hook-shaped members **144**. The gutter securing tab **142** in this modified version of hanger is initially forwardly and contiguously rearwardly directed, and is further rearwardly deflectable on assembly with a gutter section, as in the case of the tab **122** in FIGS. 16 and 17.

The several embodiments of the hanger structures above-described have all been illustrated in their adaptation to supporting engagement of front and rear configurated hook-shaped portions thereof within inwardly directed downwardly open marginal edge beads defining an open top entrance to a gutter section to be supported thereby. It will be manifest to one skilled in the art to which the invention appertains that the improved hangers of the invention, incorporating the deflectable gutter-securing tab or tabs adjacent the rear hook-shaped configuration or configurations of the several disclosed hangers, are equally applicable in their adaptation and integration with gutter sections in which one or both of the front and rear inwardly directed downwardly open marginal edge hanger-engaging beads are outwardly directed.

From the above detailed description, it will be understood that gutter or similar hangers have been provided which incorporate at least one deflectable gutter securing tab adjacent and above the rear gutter supporting hanger means, or rear hook-shaped gutter engaging configurations thereof, the gutter securing tabs being deflectable into interfering relationship in respect to an upwardly exposed surface of a downwardly open rear marginal gutter bead engaged by the rear hook-shaped configuration of a hanger carrying the aforesaid deflectable gutter securing tab.

The modified versions and alternate forms of hangers illustrated in FIGS. 12 through 23 are capable of fabrication from the same materials and by the same tools and practices stated hereinabove for the hangers **10** and **60** of FIGS. 1 through 11.

Specific embodiments and alternative forms of the hanger and gutter-hanger installations having been selected and described for purposes of illustrating structures and practices falling within the scope of the invention, it is to be understood that other specific forms of the invention will be apparent to those skilled in the art, as being embraced within the following claims.

What is claimed is:

1. A hanger for mounting and supporting an open trough-shaped gutter characterized by having front and rear downwardly open marginal edge bead configurations defining therebetween top open entrance to the gutter, said hanger comprising a strap portion having an angularly disposed outer terminus hook-shaped configuration for entrance into the downwardly open front marginal bead of the gutter to provide a support therefor, a downwardly depending and upwardly directed upwardly open rear hook-shaped configuration inwardly spaced from the outer terminus of the strap formation and supported thereby for upward engagement within the rear downwardly open marginal bead configuration of the gutter, said strap ter-

minating adjacent its rear hook-shaped configuration and providing a support and attaching means for the hanger proximate a roof surface, and a gutter securing tab member carried by the hanger adjacent its rear hook-shaped configuration deflectable into overlying interfering relationship above an upwardly facing outer surface of the downwardly open rear marginal bead configuration of the gutter.

2. A hanger for mounting and supporting an open trough-shaped gutter characterized by having front and rear downwardly open marginal bead configurations defining therebetween top open entrance to the gutter, said hanger comprising a strap portion having an angularly disposed outer terminus hook-shaped configuration for entrance into the downwardly open front marginal bead of the gutter to provide engaging support therewithin, a downwardly depending and upwardly directed upwardly open rear hook-shaped configuration inwardly spaced from the outer terminus of the strap portion and supported thereby for upward engagement within the rear downwardly open marginal bead configuration of the gutter, said strap element being terminated rearwardly beyond its rear hook-shaped configuration for positioning and attaching the hanger proximate a roof surface, and an initially extending tab carried by the hanger adjacent the rear hook-shaped configuration deflectable into overlying interference to upward movement of an upwardly facing outer surface of the downwardly open rear marginal bead configuration of the gutter.

3. A rigid one-piece strap hanger for mounting and supporting an open trough-shaped gutter characterized by having front and rear downwardly open marginal bead configurations defining therebetween top open entrance to the gutter, said hanger comprising a strap portion having an outer terminus hook-shaped configuration for entrance into the downwardly open front marginal bead of the gutter to provide engaging support therefor, an upwardly directed upwardly open rear hook-shaped configuration inwardly spaced from the outer terminus of the strap portion and supported thereby for upward engagement within the rear downwardly open marginal bead configuration of the gutter, said strap element being terminated adjacent the rear hook-shaped configuration for positioning and attaching the hanger proximate a roof surface, and a tab carried by the hanger adjacent and above the rear hook-shaped configuration, said tab being adapted to be downwardly deflected into overlying interference to an upwardly facing outer surface of the downwardly open rear marginal bead configuration of the gutter.

4. A uniform gauge rigid sheet metal stamped hanger for mounting and supporting an open trough-shaped gutter characterized by having front and rear downwardly open marginal bead configurations defining therebetween top open entrance to the gutter, said hanger comprising a strap portion terminating at one end thereof in an open hook of generally C-shape configuration for entrance into the downwardly open front marginal bead of the gutter to provide a support therefor, a downwardly depending and upwardly directed upwardly open rear hook-shaped configuration inwardly spaced from the outer terminus of the strap portion and supported thereby for upward engagement within the rear downwardly open marginal bead configuration of the gutter, said strap element being terminated rearwardly beyond its rear hook-shaped configuration in an attaching flange for abutting attachment to a building surface below a roof surface thereof, and a gutter securing tab carried by the hanger adjacent the rear hook-shaped configuration downwardly deflectable into overlying interference to an upwardly facing outer surface of the downwardly open rear marginal bead configuration of the gutter.

5. A rigid one-piece hanger for mounting and supporting an open trough-shaped gutter characterized by having front and rear inwardly directed downwardly open marginal bead configurations defining therebetween top open entrance to the gutter, said hanger comprising an integral strap portion having an upwardly directed angularly disposed outer terminus hook-shaped configuration for entrance into the downwardly open front marginal bead of the gutter to provide a support therefor, an integral downwardly depending and reversely upwardly directed upwardly open rear hook-shaped configuration inwardly spaced from the outer terminous of the strap portion for upward engagement within the rear downwardly open marignal bead configuration of the gutter, said strap element being extended rearwardly beyond the rear hook-shaped configuration for overlying abutting attachment against a roof surface, and an initially downwardly depending integral gutter securing tab carried by the hanger adjacent and above the rear hook-shaped configuration, said tab being downwardly and rearwardly deflectable into overlying interference to an upwardly facing outer surface of the downwardly open rear marginal bead configuration of the gutter.

6. A rigid hanger for mounting and supporting an open trough-shaped gutter characterized by a front inwardly directed downwardly open marginal bead of generally C-shape configuration the upper defining leg portion of which is reversely bent outwardly to form an inwardly directed open horizontal recess, and the gutter having a rear downwardly open marginal bead configuration, said hanger comprising a strap portion having an upwardly directed angularly disposed outer terminus hook formation of generally C-shape configuration for entrance into the front marginal edge bead configuration of the gutter with the upper leg defining portion of the outer terminus hook of the hanger extending into the horizontal recess of the gutter front bead, a downwardly depending and upwardly directed upwardly open rear hook-shaped configuration inwardly spaced from the outer terminus of the strap portion of the hanger and supported thereby for upward engagement within the rear downwardly open marginal bead configuration of the gutter, said strap portion being terminated adjacent its rear hook-shaped configuration for attachment to a building surface proximate a roof surface thereof, and a gutter securing tab carried by the hanger adjacent and extending above the rear hook-shaped configuration thereof, said tab being downwardly deflectable into overlying interference to an upwardly facing outer surface of the downwardly open rear marginal bead configuration of the gutter.

7. A rigid one-piece hanger for mounting and supporting an open trough-shaped gutter characterized by having front and rear downwardly open marginal bead configurations defining therebetween top open entrance to the gutter, said hanger comprising an integral strap portion having an angularly disposed outer terminus hook-shaped configuration for entrance into the downwardly open front marginal bead of the gutter to provide a support therefor, an integral downwardly depending and upwardly directed upwardly open rear hook-shaped configuration inwardly spaced from the outer terminus of the strap portion for upward engagement within the rear downwardly open marginal bead configuration of the gutter, said strap element being extended rearwardly beyond the rear hook-shaped configuration for overlying abutting attachment against a roof surface, and an initially forwardly and contiguously rearwardly depending gutter securing tab carried by said hanger adjacent and above its upwardly open rear hook-shaped configuration, said tab being downwardly and further rearwardly deflectable into overlying interference to an upwardly facing outer surface of the downwardly open rear marginal bead configuration of the gutter.

8. A one-piece rigid sheet metal hanger for mounting and supporting an open trough-shaped gutter characterized by having front and rear downwardly open upper marginal edge gutter supporting beads, said hanger comprising a strap having an outer free terminal end formed

to provide an angularly disposed hook configuration for entrance within the downwardly open front marginal bead of the gutter to provide a support therefor, a second upwardly directed configuration forming a rear hook depending from the hanger strap for upward entrance and supporting engagement within the downwardly open rear marginal bead of the gutter, said hanger strap being extended rearwardly beyond its rear hook configuration to provide positioning and attachment thereof proximate to and outwardly away from a roof surface, and a gutter securing tab in integral attachment to said hanger adjacent and above the rear hook thereof, said tab being deflectable about its attachment into overlying interfering relationship to an upwardly directed outer exposed surface of the rear downwardly open gutter supporting bead.

9. The combination of a gutter having rear and front wall upper marginal edge downwardly open bead configurations and a rigid hanger therefor, said hanger being terminated rearwardly in attachment thereof proximate a roof surface and incorporating a forwardly extending strap portion terminating outwardly remote to said roof surface in an angularly disposed hook-shaped configuration in engagement within the front wall marginal downwardly open bead configuration of the gutter, an upwardly open hook-shaped rear configuration carried by said strap portion of the hanger in engagement within the rear wall marginal downwardly open bead configuration of the gutter, and a deflectable gutter securing tab carried by the hanger strap portion adjacent and above its rear hook-shaped configuration, said tab being deflected into interfering relationship to an upwardly facing outer surface of the downwardly open rear wall marginal bead configuration of the gutter.

10. The combination of an open top gutter having rear and front wall marginal downwardly open bead configurations and a rigid hanger therefor, said hanger terminating rearwardly in attachment thereof proximate a roof surface and incorporating an extending strap portion terminating outwardly remote to said roof surface in an angularly disposed hook-shaped configuration in engagement within the front wall marginal downwardly open bead configuration of the gutter, an upwardly open hook-shaped rear configuration carried by said strap portion of the hanger slightly in advance of attachment of the hanger in engagement within the rear wall marginal downwardly open bead configuration of the gutter, and an initially downwardly and forwardly extending gutter securing tab carried by the hanger strap portion adjacent and above its rear hook-shaped configuration downwardly deflected into interfering relationship to an upwardly facing outer surface of the downwardly open rear wall marginal bead configuration of the gutter.

11. The combination of a gutter having rear and front wall marginal downwardly open bead configurations and a one-piece rigid stamped sheet metal hanger therefor, said hanger terminating rearwardly in an attaching strap overlying and in attachment to a roof surface, said hanger having a forwardly extending contiguous strap portion terminating outwardly remote to said roof surface in an angularly disposed hook-shaped configuration in engagement within the front wall marginal downwardly open bead configuration of the gutter, an upwardly open hook-shaped rear configuration carried by said strap portion of the hanger in engagement within the rear wall marginal downwardly open bead configuration of the gutter, and an initially depending gutter securing tab carried by the hanger strap portion adjacent and above its rear hook-shaped configuration, said tab being downwardly and rearwardly deflected into interfering relationship to an upwardly facing outer surface of the downwardly open rear wall marginal bead configuration of the gutter.

12. The combination of an open top trough-shaped gutter and supporting hanger therefor, said gutter having a front inwardly directed downwardly open upper marginal bead of generally C-shaped configuration the upper defining leg portion of which is reversely bent outwardly to form an inwardly directed open horizontal recess, a rear downwardly open opposite upper marginal edge bead configuration on the gutter, the hanger comprising a strap portion terminating forwardly and outwardly in a substantially C-shape configuration with the upper leg defining portion thereof received within the horizontal recess in the open marginal front bead of the gutter, an upwardly open hook-shaped rear configuration carried by said hanger strap in engagement within the rear marginal downwardly open gutter bead configuration, a gutter securing tab carried by the hanger strap adjacent and above the rear hook-shaped configuration thereof, said tab being deflected into interfering relationship to an upwardly facing outer surface of the downwardly open rear marginal bead configuration of the gutter, and a rearwardly disposed end of the hanger strap in securing attachment of the hanger and supported gutter to a building surface.

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