Oct. 11, 1949. B. I. DOWNS 2,484,615

PIPE BRACKET

Filed July 17, 1947

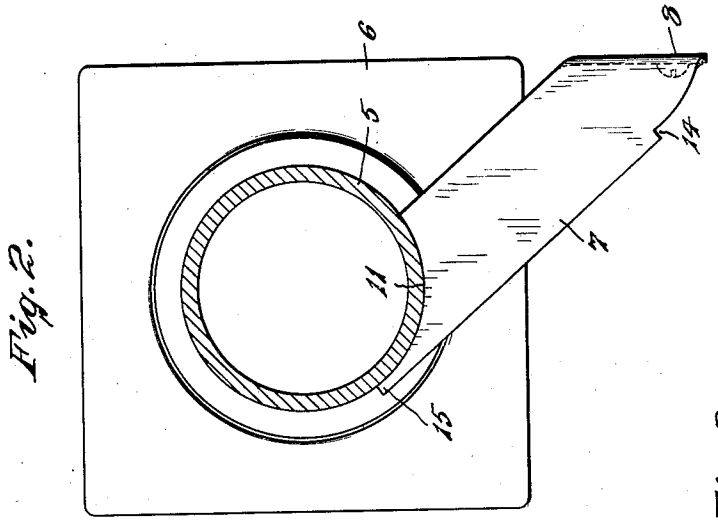


Fig. 2.

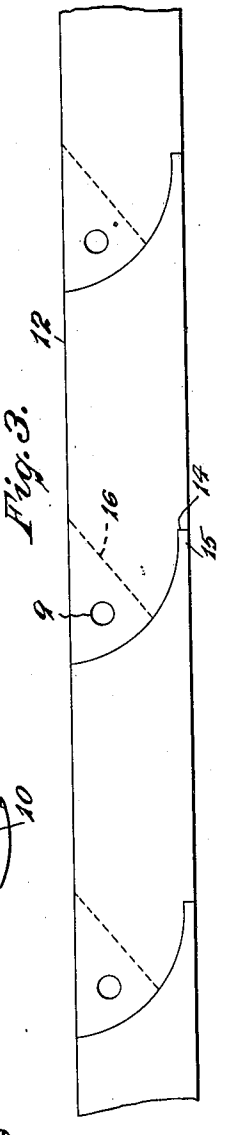


Fig. 3.

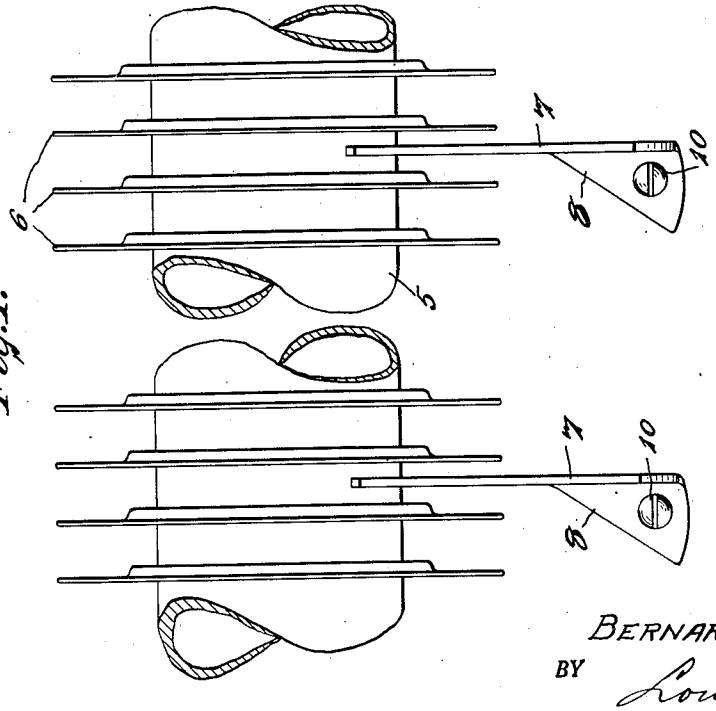


Fig. 1.

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PIPE BRACKET

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1 Claim. (Cl. 248—65)

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This invention relates to a pipe bracket and more particularly to a hanger for radiators, such as commonly consist of a pipe having a multiplicity of radiating fins mounted thereon.

It is commonly known by those skilled in the art that when such radiators are mounted at a certain level, they should be properly supported so that they will hang evenly. Heretofore, however, with the hangers commonly used, it has been very difficult to properly hang radiators and particularly those of the finned type.

An object of this invention, therefore, is to provide a hanger for such radiators which may be conveniently used for properly hanging the radiator in the correct position.

A further object of this invention is to provide a hanger which may be easily held in the proper position to support the radiator correctly while it is being fastened to a wall, or the like, upon which the radiator is being hung.

A still further object of the invention is to provide such a hanger which will properly fit between the fins of the radiator and receive the pipe thereon in such a position that the radiator will be properly supported and held close to the wall upon which it is hung.

A still further object is to provide a bracket of this type which is strong and which may be produced economically from a strip of sheet metal and without waste of material.

Further objects and advantages of this invention will be more clearly understood from the following description and from the accompanying drawing, in which—

Fig. 1 is a fragmentary elevational view of a portion of a radiator illustrating the same as supported upon hangers embodying my invention.

Fig. 2 is an end view thereof in vertical section.

Fig. 3 is an elevational plan view of a portion of a strip illustrating the manner in which the blanks for said hangers are produced therefrom.

As shown in the drawings, a radiator, for which my improved hanger is particularly intended, may comprise a suitable pipe 5 having a plurality of spaced fins 6 thereon.

My invention provides a hanger, preferably in the form illustrated, which comprises an arm 7 that extends at an angle from a base 8 having an aperture 9 therein to receive a suitable fastener, such as a screw 10, for securing the said hanger to a wall or the like.

The free end of the arm 7 is formed with a concavity or recess 11 to conform to the contour of the pipe 5 so as to receive said pipe therein and support the radiator in position while it is retained in said concavity and against displacement by its own weight; the said arm 7 being relatively thin so that it will readily fit between the fins 6 to engage the pipe.

As illustrated in Fig. 3, the shape of the blank for said hanger is such that the opposite ends thereof will conform to the corresponding ends of the adjoining blanks in the strip 12 from which the said blanks are cut. It will be noted that the curvature of the concavity 11 will nest with the convex curve 13 at the bottom of the base 8 and that a notch 14 is permitted at the edge of the arm 7 to provide for the formation of the point 15 at the top of the bracket.

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This particular form of blank renders it possible to produce the blanks economically from a strip of material, since all of the material is utilized and waste is thereby eliminated with the exception of the material which is punched out in forming the holes 9.

After the blank has been produced, as above described, it is bent at right angles on the dotted line 16 to provide the base 8.

In mounting a radiator by means of my improved hanger, the radiator is supported in the proper position and the hanger is placed against the under side of the pipe 5 and held against the wall while a hole is drilled in the wall through the hole 9. The screw 10 is then inserted to secure the hanger in place so that it will support the hanger in the exact position in which it is desired. From the above description, it will be understood that my improved hanger will render the base thereof easily accessible for holding it against the surface of the wall and starting the hole for the screw so that the operation of properly hanging a finned type radiator is greatly facilitated.

I claim:

A hanger of the character described constructed from a strip of sheet material of uniform width and comprising a body portion and a mounting portion, the mounting portion being bent on a line forming an obtuse angle to one longitudinal side of the body portion and the body portion extending outwardly and upwardly from the mounting portion in a plane at right angles to the mounting portion and terminating in an arcuate knife-edge like seat for receiving a device to be supported.

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