

# United States Patent

Montesdioca

[15] 3,690,609

[45] Sept. 12, 1972

- [54] **PIPE BRACKET**
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- [22] Filed: **June 16, 1970**
- [21] Appl. No.: **46,604**

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- [52] U.S. Cl. .... 248/68 B, 211/60 S, 248/224, 248/300
- [51] Int. Cl. .... F16I 3/12
- [58] Field of Search..... 248/68, 39, 67.7, 69, 224, 248/65, 70, 57, 300; 211/60 M, 60 S, 68, 65; 135/47

[57] **ABSTRACT**

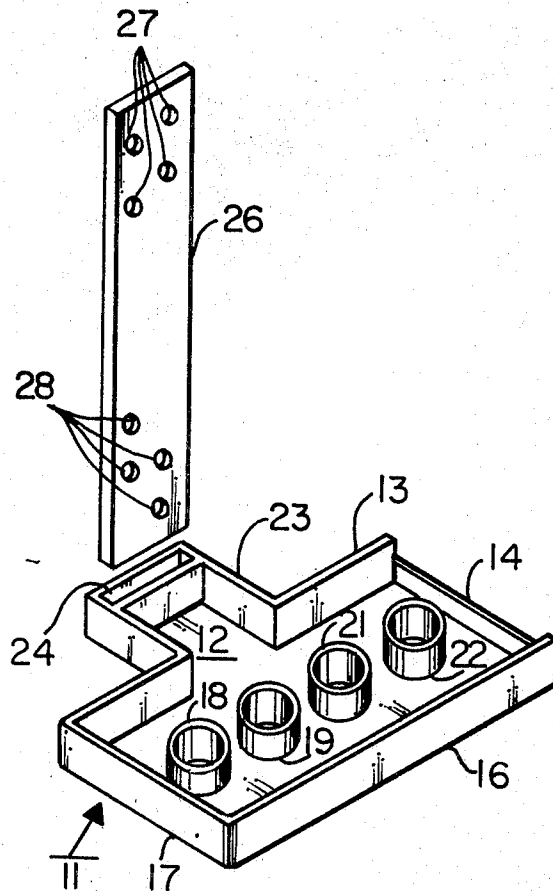
A pipe bracket having a plurality of apertures dimensioned for receiving predetermined pipes during the construction of a building; the bracket terminating in a mounting extension; the mounting extension having a slot therein for being removably carried by a vertical mounting bracket adapted for nailing to a concrete foundation form board.

[56] **References Cited**

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**1 Claim, 2 Drawing Figures**



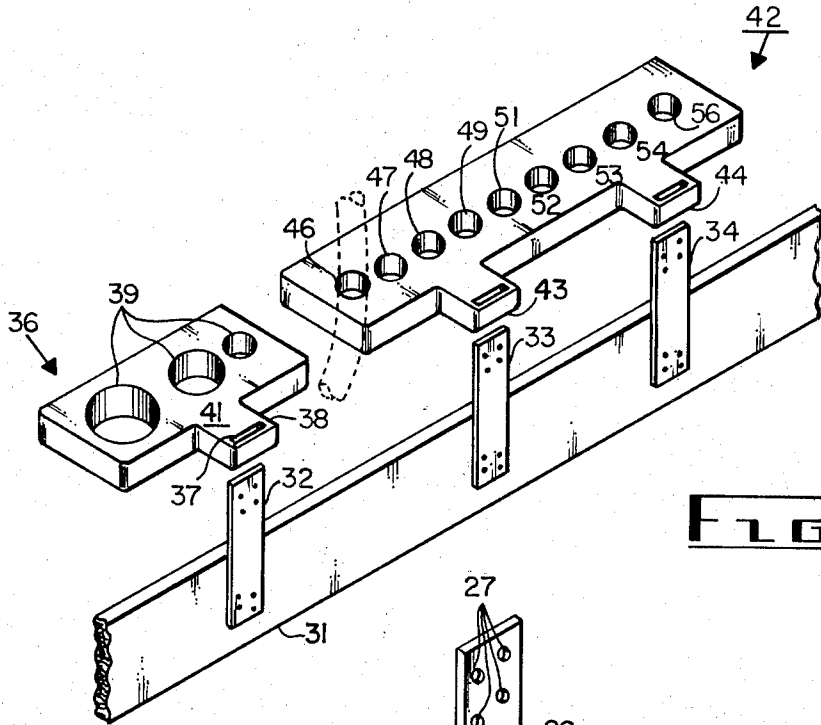


FIG - 2

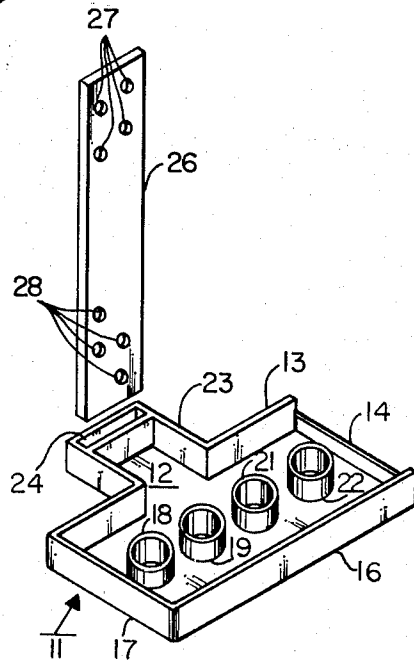


FIG - 1

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## PIPE BRACKET

## BRIEF DESCRIPTION OF THE INVENTION

The present invention relates to a pipe bracket and more particularly to a removable pipe bracket for positioning pipes prior to the pouring of a concrete foundation.

According to the invention, a vertical member is provided having apertures therein for securing to a concrete foundation form board as by scaffolding nails. A pipe bracket is provided having a plurality of apertures dimensioned for receiving pipes and an extension having a slot therein dimensioned for receiving the vertical member. Hence, the pipe bracket will be horizontally disposed over the inside portion of the form board for receiving vertically disposed pipes in the provided apertures and holding and spacing them during the pouring of the concrete foundation. Once the foundation is poured, the pipe bracket can be slipped over the top of the pipes and off the vertical mounting member and the vertical mounting member can be removed from the form board for further use.

An object of the present invention is the provision of a pipe bracket for spacing and holding pipes during the pouring of a concrete foundation.

Another object of the invention is the provision of a pipe bracket which is removably coupled to a form board prior to the pouring of a concrete foundation.

A still further object of the invention is the provision of a pipe bracket which is inexpensive to manufacture, extremely durable and convenient in use.

Other objects and many of the attendant advantages of this invention will be readily appreciated as the same becomes better understood by reference to the following detailed description when considered in connection with the accompanying drawings in which like reference numerals designate like parts throughout the FIGS. thereof and wherein:

FIG. 1 is an exploded view of a preferred embodiment of the present invention; and

FIG. 2 illustrates two embodiments of the present invention in situ.

## DETAILED DESCRIPTION OF THE DRAWINGS

Referring to FIG. 1, a pipe bracket is shown generally at 11 vertically a top 12 and sides 13, 14, 16 and 17. Top 12 carries vertically disposed cylindrical apertures 18, 19, 21 and 22. Side 13 has an extension 23 with a slot 24 therein. Vertical mounting bracket 26 is dimensioned for being received by slot 24 and has a plurality of apertures 27 and 28.

Referring to FIG. 2, a form board 31 is shown having vertical mounting brackets 32, 33 and 34 mounted thereon as by scaffolding nails. Pipe bracket 36 is shown having a slot 37 in extension 38 which is spatially disposed to vertical mounting bracket 32. A plu-

rality of apertures 39 are shown in the top surface 41 of pipe bracket 36.

Pipe bracket 42 has extensions 43 and 44 carried by vertical mounting brackets 33 and 34, respectively. Pipe bracket 42 has a plurality of apertures 46, 47, 48, 49, 51, 52, 53, 54 and 56 carrying a plurality of pipes shown in phantom.

Referring back to FIGS. 1 and 2, it can be seen that prior to the pouring of the concrete foundation, form board 41 is set in place and vertical mounting brackets 32, 33 and 34 are mounted thereon as by scaffolding nails for easy removal. The pipe brackets 36 and 42 are then positioned over the various pipes which pass through apertures 39 in pipe bracket 36, for example, and as shown in apertures 46, 47, 48, 49, 51, 52, 53, 54 and 56 in pipe bracket 42. The pipe bracket 36 is then positioned over vertical mounting bracket 32 with its slot 37 slipping over vertical mounting bracket 32. Positioning or stop nails can be placed in upper apertures 28 (FIG. 1) which will hold the entire assembly in place during the pouring of the concrete foundation. Once the foundation is poured, the pipe brackets can be easily slipped off the vertical mounting brackets and over the tops of the pipes which have been held in spatial relationship to each other. The cylindrical apertures illustrated in FIG. 1 serve to more fully guide and direct the pipes which are passed therethrough. The entire bracket can be injection-molded from a suitable plastic.

It should be understood, of course, that the foregoing disclosure relates to only a preferred embodiment of the invention and that it is intended to cover all changes and modifications of the example of the invention herein chosen for the purposes of the disclosure which do not constitute departures from the spirit and scope of the invention.

The invention claimed is:

1. A pipe bracket for positioning a plurality of pipes prior to and during the pouring of a concrete foundation within a concrete foundation form board comprising:

a first member having a plurality of cylindrical apertures therein;

a mounting extension extending from one side of said first member, said mounting extension having a slot therein; and

a vertical mounting bracket adapted for being removably attached to a concrete foundation form board and dimensioned for being slidably received by said slot whereby upon attaching said vertical mounting bracket to a concrete foundation form board and slidably receiving pipes in said cylindrical apertures and slidably receiving said vertical mounting bracket within said slot, said pipes are held in a predetermined spatial relationship during the pouring and setting of a concrete foundation.

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