Feb. 19, 1957 J. J. DONOGHUE 2,782,034

BASKETBALL BACKSTOP MOUNT FOR A GARAGE ROOF

Filed Nov. 10, 1955 2 Sheets-Sheet 1

FIG. 1.

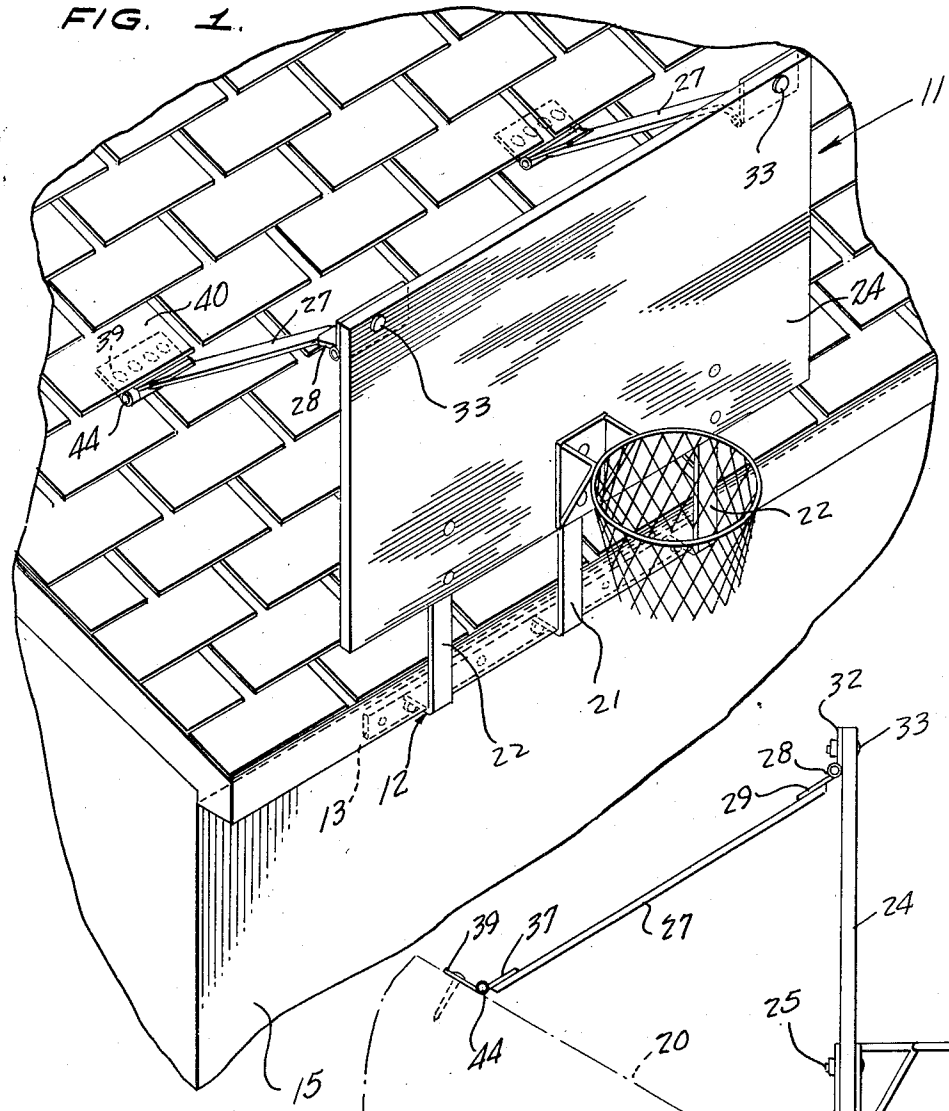


FIG. 2.

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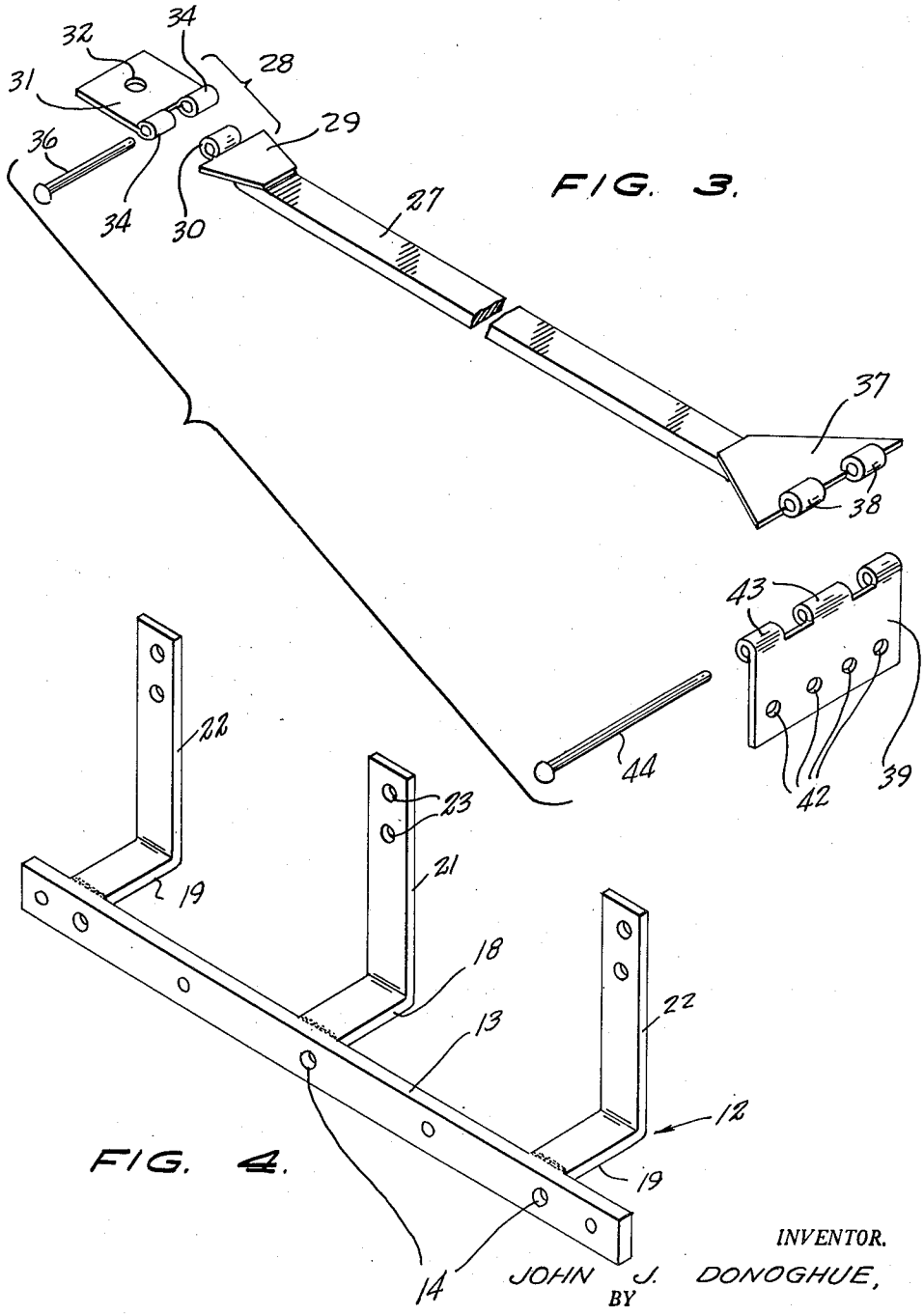


FIG. 3.

FIG. 4.

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2,782,034

Patented Feb. 19, 1957

2,782,034

BASKETBALL BACKSTOP MOUNT FOR A GARAGE ROOF

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Application November 10, 1955, Serial No. 546,105

3 Claims. (Cl. 273—1.5)

This invention relates to basketball backstop supports, and more particularly to an improved basketball backboard mount especially adapted for use on building roofs, for example, on garage roofs.

The main object of the invention is to provide a novel and improved basketball backboard mount for use on a building roof, the mount being simple in construction, being easy to install, and being easy to detach from the roof when not in use.

A further object of the invention is to provide an improved basketball backboard mount for a building roof, such as a garage roof, said improved backboard mount being inexpensive to fabricate, being rugged in construction, and being adaptable for use on buildings having a wide variety of slope angles for their roofs.

A still further object of the invention is to provide an improved basketball backboard mount for use on a building having a sloping roof, the backboard mount being neat in appearance, being arranged to prevent roof leakage, and being universally adjustable to fit on a roof of any slope angle.

Further objects and advantages of the invention will become apparent from the following description and claims, and from the accompanying drawings, wherein:

Figure 1 is a perspective view of a portion of a garage showing an improved basketball backboard structure mounted thereon, in accordance with the present invention;

Figure 2 is a side elevational view of the basketball backboard mount structure employed in Figure 1;

Figure 3 is a perspective view of one of the rear and its associated hinge members, as employed in the assembly of Figures 1 and 2; and

Figure 4 is a perspective view of the bottom support member employed in the assembly of Figures 1 and 2.

Referring to the drawings, the improved basketball backboard assembly is designated generally at 11 and comprises a bottom support 12 consisting of a horizontal bar 13 formed with a plurality of openings 14 whereby the bar 13 may be secured to the top portion of the side wall 15 of a garage or similar building beneath the eaves thereof by the use of suitable fastening means such as lag screws 16.

Rigidly secured to the horizontal bar 13 centrally thereof is a first forwardly extending arm 18, and similarly rigidly secured to the bar 13 at equal distances on opposite sides of the arm 18 are additional forwardly extending arms 19, 19, similar to the arm 18. The arms 18 and 19 are of sufficient length to extend just beyond the eaves of the building roof 20, as shown in Figure 2. Each arm 18 and 19 is formed with an upstanding vertical member, shown at 21 and 22, 22, said upstanding members being of identical height and being formed with openings 23, whereby a basketball backboard 24 may be secured to said upstanding members by employing suitable fasteners through the opening 23. As shown in Figure 2, suitable bolts 25 may be employed for this purpose.

Designated at 27, 27 are a pair of rear struts which are hingedly connected at their top ends to the upper

corner portions of the backboard 24, as by hinge assemblies 28. As shown in Figure 3, each hinge assembly 28 comprises a first hinge leaf 29 rigidly secured to the top end of the strut 27 and having a hinge sleeve 30, and a second hinge leaf 31 formed with a central opening 32 by means of which the leaf 31 is secured to the upper corner portion of the backboard 24, for example, by the use of a bolt, rivet, or similar fastener, designated at 33, in Figure 1. The leaf 31 is formed with the spaced, aligned hinge sleeves 34, 34 between which the sleeve 30 is receivable, for the reception of a hinge pin 36 of the removable type. At its lower end, each rear strut 27 is provided with a hinge leaf element 37 rigidly secured thereto, as shown in Figure 3, said leaf element being formed with the spaced hinge sleeves 38, 38. Cooperating with the leaf element 37 is a second leaf element 39 adapted to be secured to the roof 20 underneath a selected shingle 40 thereof, as shown in Figure 1, as by the use of suitable fasteners such as nails or the like, driven through apertures 42 provided in the leaf element 39. Said leaf element 39 is formed with the spaced hinge sleeve 43 between which the sleeves 38 are receivable, whereby a removable hinge pin 44 may be inserted through the aligned hinge sleeve 38 and 43.

As will be readily apparent, the strut members 27 are universally adjustable so that the backboard 24 may be supported in an upright vertical position by the rear strut bars 27, 27, regardless of the slope of the roof of the building on which a backboard is mounted.

When use of the backboard is not required, the backboard may be dismounted by removing the lower hinge pin 44 of the rear strut members 27, 27, and by unfastening the horizontal bar 13, as by removing the lag screws 16, whereby the major portion of the backboard assembly may be detached from the building, leaving only the hinge leaf elements 39, which are substantially hidden under the shingles 40.

While a specific embodiment of an improved basketball backstop assembly for attachment to a building roof has been disclosed in the foregoing description, it will be understood that various modifications within the spirit of the invention may occur to those skilled in the art. Therefore, it is intended that no limitations be placed on the invention except as defined by the scope of the appended claims.

What is claimed is:

1. A basketball backstop assembly for attachment to an elongated building roof comprising a horizontal bottom support adapted to be secured to the side portion of a building adjacent the roof thereof, a plurality of forwardly extending arms rigidly secured to said bottom support, respective vertical upstanding members at the end of said arms, a basketball backstop secured vertically to said vertical members, an inclined rear strut, first hinge means connecting the top end of said rear strut to the upper portion of said backstop, an anchor element adapted to be secured to the building roof, and second hinge means connecting the lower end of said rear strut to said anchor element.

2. A basketball backstop assembly for attachment to a building roof comprising an elongated horizontal bottom bar adapted to be secured to the side portion of a building adjacent the roof thereof, a plurality of spaced forwardly extending arms rigidly secured to said bottom bar, respective vertical upstanding members at the ends of said arms, a basketball backstop secured vertically to said vertical members, a pair of inclined rear struts, first hinge means connecting the top ends of said rear struts to the upper corner portions of said backstop, respective anchor elements adapted to be secured to the building roof, and second hinge means connecting the lower ends of said rear struts to said anchor elements.

3. A basketball backstop assembly for attachment to a

building roof comprising an elongated horizontal bottom bar adapted to be secured to the side portion of a building adjacent the roof thereof, a plurality of spaced forwardly extending arms of identical length rigidly secured to said bottom bars and extending perpendicular thereto, respective vertical upstanding members at the ends of said arms, a basketball backstop secured vertically to said vertical members, a pair of inclined rear struts, first hinge means connecting the top ends of said rear struts to the upper corner portions of said backstop, respective anchor elements adapted to be secured to the building roof, and second hinge means connecting the lower ends of said

rear struts to said anchor elements, said hinge means comprising cooperating hinge leaves having removable horizontal hinge pins, whereby the rear struts may be detached by removing said hinge pins.

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