

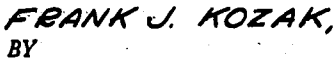
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F. J. KOZAK

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BRACKET DEVICE

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BRACKET DEVICE

Frank J. Kozak, Yankton, S. Dak.

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1 Claim. (Cl. 248—65)

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This invention relates to a bracket device for supporting a shaft or pole adjacent to the side of a building, and more particularly to a bracket device to accomplish such purpose.

The primary object of the invention is to provide a bracket device which is easily mounted on the side of a building, and which rigidly supports a shaft or pole in spaced relation with respect to the side of the building.

Another object of the invention is to provide a bracket device which may be easily and cheaply fabricated from standard materials.

Other and further objects and advantages will become apparent from the following detailed description of the drawing, wherein:

Figure 1 is a view in side elevation of the device forming the invention;

Figure 2 is a front view of the device shown in Figure 1.

Referring to the drawing, wherein like numerals denote identical parts, the bracket device of the invention comprises a vertically-disposed metal base plate 2 which is secured to a side wall 3 of a building by means of the bolts 4. A threaded socket 5, positioned at an upward and outward angle with respect to the plate 2, for example, at an angle of 45° with respect to the plate 2, is secured, as by welding, to the lower end of the base plate 2. A threaded socket 6, positioned horizontally with respect to the plate 2, is similarly secured to the upper end of the base plate 2.

A diagonal brace arm 7, preferably of standard pipe, is threadedly engaged at its one end within the angular socket 5 and projects upwardly and outwardly from the side wall 3 of the building. An elbow 8, such as a 45-degree elbow, is threadedly secured to the other end of the brace arm 7. Threaded into the socket at the upper end of the elbow 8 is a mast or vertical shaft 9.

A horizontal arm 10, preferably of standard pipe, is threadedly secured at its one end within the horizontal socket 6. The other end of the arm 10 is threadedly secured to a T-shaped fitting 11 having a vertical sleeve which slidably receives the shaft 9 and provides the latter with lateral support.

The shaft 9 is, thereby, supported in parallel, spaced relation with respect to the side wall 3 of the building. This type of support is especially suitable, when the device is employed for

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the installation of electrical wiring in barns or other farm buildings. Such installations are normally governed by wiring codes, wherein it is specified that the wires leading to the particular building must have a clearance of at least 18 feet from the ground. This requirement would often necessitate the mounting of a pole of considerable height adjacent the side of the building. In many instances, the cornice, or the part of the building roof which projects over the side of the building, would interfere with the mounting of the pole. This device obviates notching the cornice or drilling a hole in the latter to accommodate the top of the pole. When used in the latter application, the shaft 9 would be provided with wire-engaging eyes 12.

Having thus described my invention, what I claim is:

In combination, a plate adapted to be secured to a vertical surface of a support, a first threaded socket projecting from one side of the plate at one end of the plate and inclined outwardly and upwardly toward the other end of the plate, a second threaded socket projecting from said one side of the plate at the other end of the plate at right angles to the plate, a diagonal brace comprising a pipe section having one end thereof threaded in said first socket and having a third socket threaded on its other end, said third socket having an upwardly facing threaded portion parallel to said plate, a horizontal arm having one end threaded in said second socket and having a fitting on its other end including a sleeve axially aligned with said upwardly facing portion of said third socket, and a shaft slidably extended through said sleeve and having an end threaded in said third socket.

FRANK J. KOZAK.

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