Oct. 22, 1935. R. R. PITTMAN 2,018,532

INSULATOR BRACKET

Filed Feb. 25, 1935

Fig. 1

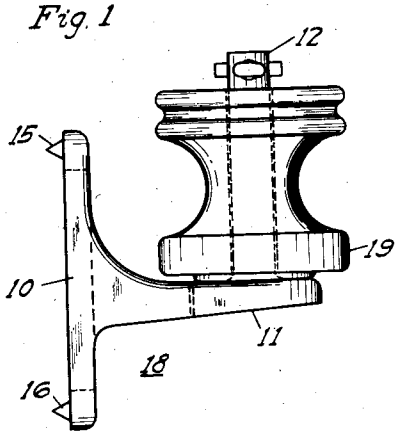


Fig. 2

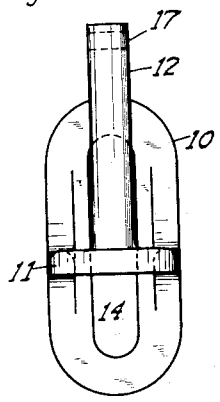


Fig. 3

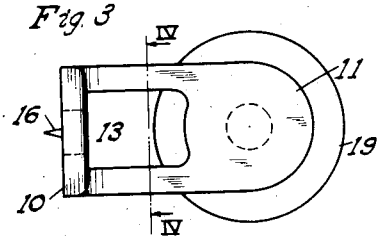


Fig. 4

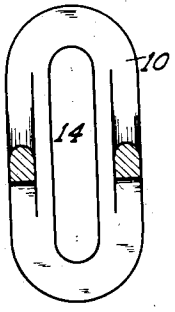
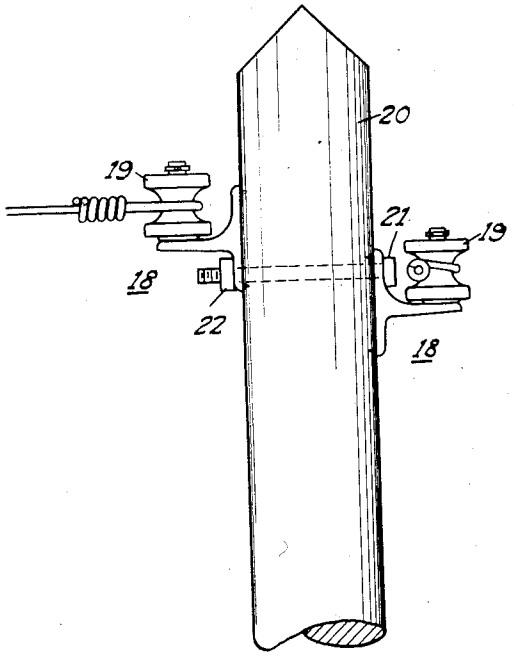


Fig. 5



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2,018,532

INSULATOR BRACKET

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5 Claims. (Cl. 173—321)

This invention relates to devices for supporting insulators on poles or other fixtures, and has for its principal object the provision of a simple and inexpensive one-piece bracket on which may be mounted an insulator.

Other objects are: (*a*) to provide an insulator bracket over which a conductor may be strung without removing the insulator; (*b*) to provide an insulator bracket which may be securely mounted with one bolt or other suitable fastener; (*c*) to provide an insulator bracket which may be readily secured to either end of a bolt extending through a pole.

With these and other objects in view which will appear from the description, my invention resides in the novel form and arrangement of the integral portions of the device to the end that the several abovementioned objects are attained in a simple, convenient and inexpensive insulator bracket.

In the drawing (1 sheet): Figs. 1, 2, and 3 are respectively side elevational, front and plan views of the device; Fig. 4 is a sectional view taken along the plane indicated by the line IV—IV in Fig. 3; and Fig. 5 is a side elevational view of two of the devices mounted on a wood pole in the service position.

Referring now in particular to the drawing, the base **10** is provided with a pair of laterally extending prongs adjacent the respective ends thereof, which are adapted to enter a wooden support when the device is installed in the service position. A slot **14** (Fig. 2) is provided in the base **10**, extending longitudinally therein from points adjacent the upper and lower ends of the latter. Integral with the base **10**, and extending laterally therefrom in a direction opposite that of the prongs **15** and **16**, and from the base **10** intermediate the ends of the slot **14**, is the substantially horizontal portion **11**, the latter providing a support for the insulator **19**. The latter is fixed in position by the pin **12**, which extends upwardly from and is integral with the outer portion of the horizontal member **11**. A hole **17** is provided through the pin **12** near the upper end thereof, through which a cotter pin or other suitable retainer may be passed.

An opening **13** (Fig. 3) is positioned through the horizontal member **11** adjacent the base **10**, which opening merges with the vertical slot **14**. One purpose of this arrangement is to permit the passage of a bolt through the slot **14** below the member **11**, and subsequently passing the bolt head upwardly through the opening **13** so that the bolt may be inserted and positioned at the elevation of the insulator groove without removing the insulator.

In Fig. 5 two of the devices, indicated by the numeral **18**, are shown attached to the pole **20** by means of the bolt **21** and the nut **22**. It will be seen that the bolt **21** may be positioned so that its end extends below the insulator **19**, and therefore the nut end of the bolt does not extend near a conductor tied on the insulator in the usual manner. It will also be apparent from this illustration that the conductor may be positioned on the side of the insulator adjacent the pole without removing the insulator from the bracket. For convenience in wire stringing, the upper surface of the horizontal member **11** is rounded, as shown more in detail in Fig. 4.

The bracket above described may be cheaply and satisfactorily made of malleable cast iron, or any other suitable material.

Other embodiments of the invention may appear from the one specifically described herein, but it is to be understood that my invention is to be limited only by the appended claims and the prior art.

I claim as my invention:

1. A bracket comprising a base, an integral portion extending laterally with respect to said base intermediate the ends thereof, and an integral pin extending substantially parallel to said base and normally with respect to the laterally extending portion from the outer end of the latter, a longitudinal slot in said base extending on either side of said laterally extending portion, and an opening through the latter merging with said slot whereby a plurality of positions are provided for a fastening bolt through said slot either above or below said laterally extending portion.

2. A bracket comprising a vertical base having prongs extending laterally to one side and adjacent the ends thereof, a centrally positioned slot extending along said base intermediate the ends thereof, an integral substantially horizontal portion extending outwardly from said base to the other side and intermediate the ends of said slot, said horizontal portion having a vertical opening extending therethrough adjacent the base and merging with said slot, and a vertically extending integral pin adjacent the outer end of said horizontal portion.

3. A bracket comprising a vertical base portion having a centrally positioned slot extending longitudinally therethrough intermediate the ends thereof, an integral horizontal portion having a vertical opening merging with said slot extending outwardly from said base portion intermediate the

ends of said slot, and an integral pin adapted for receiving an insulator extending upwardly from said horizontal portion adjacent the outer end.

4. A bracket for supporting an insulator having a circumferential wire-receiving groove, said bracket comprising a vertical base portion, an integral horizontal portion extending outwardly from said base portion intermediate the ends thereof, and an integral pin extending upwardly into said insulator from said horizontal portion adjacent the outer end thereof, said vertical base portion having a slot extending above and below said horizontal portion intermediate the ends of said base portion, and an opening in said horizontal portion adjacent said base portion and merging with said slot whereby a fastening bolt may be positioned through said base at the elevation of said groove for preventing rotation of said bracket.

5. An insulator-bracket comprising a vertical base portion having a centrally positioned slotted opening extending therethrough intermediate the ends thereof, an integral substantially horizontal portion extending outwardly from said base portion, said horizontal portion being positioned substantially midway between the ends of said slotted opening and having a width substantially equal to that of said base portion, a vertical opening in said horizontal portion adjacent said base portion merging with said slotted opening, and an integral insulator pin extending upwardly normal to said horizontal portion adjacent the outer end thereof.

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