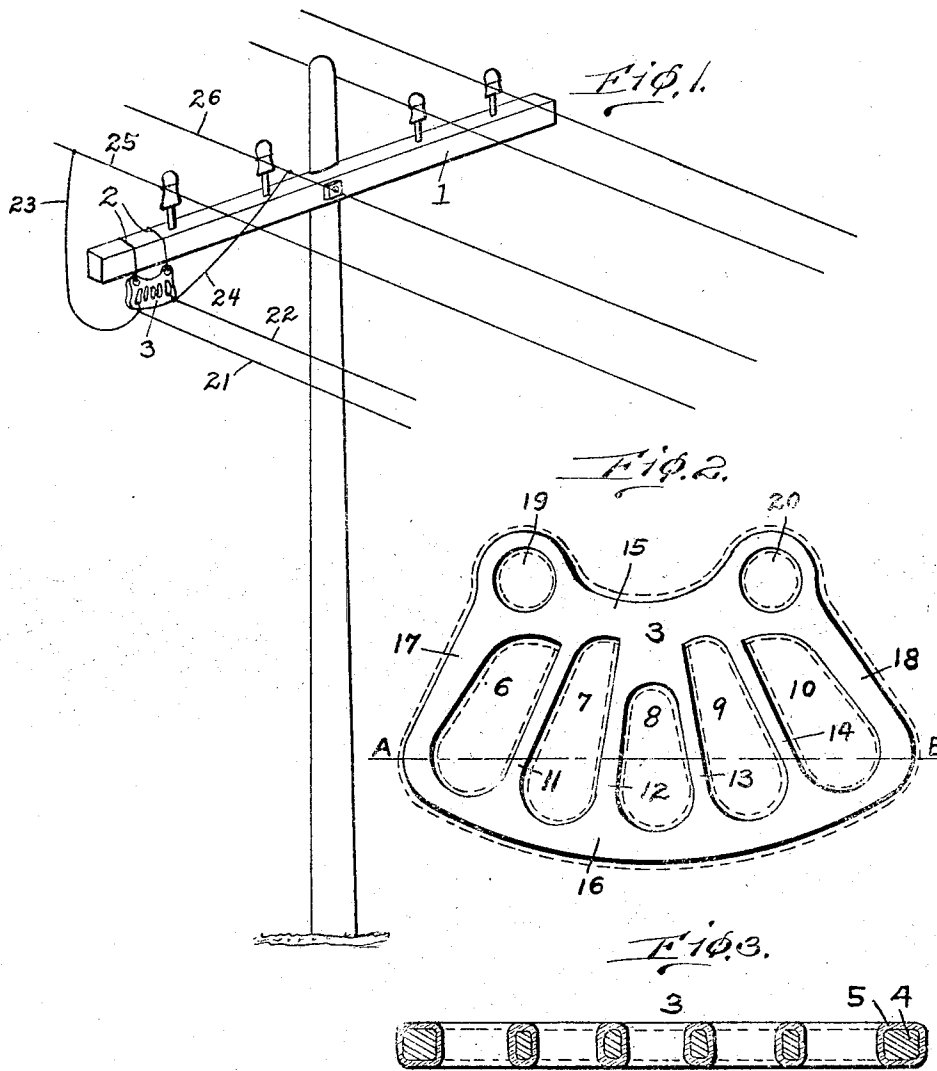


J. B. ASHLEY.
 INSULATED DISTRIBUTER FOR ELECTRIC SERVICE WIRES.
 APPLICATION FILED JULY 14, 1909.

964,737.

Patented July 19, 1910.



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN B. ASHLEY, OF SEATTLE, WASHINGTON.

INSULATED DISTRIBUTER FOR ELECTRIC SERVICE-WIRES.

964,737.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN B. ASHLEY, a citizen of the United States, residing at Seattle, in the county of King and State of Washington, have invented certain new and useful Improvements in Insulated Distributers for Electric Service-Wires; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to insulated distributing supports for electric service wires for various purposes, and has for an object to provide convenient means for supporting and distributing electric service wires such as those used in conveying power for telephone, telegraph, fire alarm, electric light service, etc.

A further object of the invention is to provide means for supporting an insulated distributing support for wires, which means may be easily attached to poles, cross arms, pins, walls, etc.

With these and other objects in view the invention comprises certain novel constructions, combinations and arrangement of parts as will be hereinafter more fully described and claimed.

Heretofore there has been no satisfactory means for supporting and distributing electric branch wires for the various purposes for which they are used, and the common practice has been to bunch or twist them around one of the main line insulators, and in case of trouble or accident caused by fire, cross circuits, etc., it has been next to impossible to locate upon the main line insulator the proper wire to cut, the result being that the wrong telephones, electric lights, etc. are rendered unserviceable. The present invention is designed to overcome these objections and to provide means for distributing electric service wires in such a way that each may readily be distinguished from the other.

In the accompanying drawings:—Figure 1 represents a telephone or telegraph pole with the present invention secured to the cross bar thereof. Fig. 2 represents a detail view of the invention in elevation, and Fig. 3 represents a sectional plan view taken on line A—B of Fig. 2.

Referring to the drawings by numerals 1 represents the cross bar of a telephone or

telegraph pole upon which is secured by means of wires 2 a distributing support 3. The distributing support 3 is formed semi-circular in construction, but may be of any desired shape and of any desired material, but preferably of iron and as shown in construction on the drawings. The device is preferably made of iron as indicated at 4, and insulated with porcelain or other insulating material as indicated at 5 in Fig. 3 and by dotted lines in Fig. 2. The distributing support 3 is provided with a series of apertures 6, 7, 8, 9 and 10 formed therein and terminating adjacent the top and bottom of the support. The apertures are spaced apart by dividing members 11, 12, 13 and 14. The support 3 is provided with top and bottom connecting members 15 and 16 respectively which are connected by the dividing members 11, 12, 13 and 14 and by outside members 17 and 18.

The connecting member 15 has formed therein apertures 19 and 20 designed to receive wires 2 or any other securing members adapted to be secured to the cross bar 1 or to any desired object. Branch service wires 21 and 22 are each secured to the bottom connecting member 16 by looping or otherwise. The branch service wires 21 and 22 are provided with extensions 23 and 24 respectively which are connected to two main line wires 25 and 26 for the purpose of taking current therefrom.

In common use when it is desired to carry from any main line wire a side current for electric purposes, such as messenger and telephone annunciators, electric lighting, etc., the linemen carry out the service wires to one of the glass or other common insulated supports formed on the cross bars of telephone poles, and then wrap the branch service wires around the insulator and secure them thereupon for support, the end of the service wires being then connected with such main line wires as it is desired to have contact with. By this arrangement it is common in cities to have from 2 to 6 branch service wires supported by one insulator, and the various wires being wound or fastened one over the other upon the insulator so that it is impossible to cut the first or inner wire without removing or cutting the outside wires. In the present invention each wire is separately attached to the distributing support apart from all of the other wires so that the connection of each individual

wire may readily be determined without trouble or delay.

What I claim is:—

1. In a wire distributing support, an insulating casing entirely surrounding the support, a plurality of divisions carried by the casing and the support and adapted to receive a plurality of wires, and means engaging the casing surrounding the support and adapted to support both the casing and the support.

2. In a wire distributing support, an insulating casing surrounding the support, a plurality of apertures formed through the casing and the support and adapted to receive a plurality of wires, and means engaging the casing surrounding the support and adapted to support the same.

3. In a device of the character described, the combination with a plurality of main line wires, and a plurality of branch wires, of a distributing support entirely surrounded by an insulating casing, a series of apertures formed in the support and the casing and adapted to receive the branch wires, the branch wires extending from the insulated support and connected with the main line wires, and means for supporting the support.

4. In a device of the character described, the combination with a plurality of main line wires, and a plurality of branch wires, of a distributing support, an insulating casing surrounding the support, a plurality of apertures formed in the support for receiving the branch wires, and an aperture formed in the support for receiving a supporting member and adapted to support the distributing support.

5. In a device of the character described, the combination with a plurality of main line wires, and a plurality of branch wires, of a distributing support, an insulating casing surrounding the support, upper and lower members carried by the support, means connecting the same, the branch wires connecting with the lower member and adapted to connect with the main line wires, and an aperture formed in the upper member and adapted to receive a member for supporting the distributing support.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN B. ASHLEY.

Witnesses:

G. WARD KEMP,
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