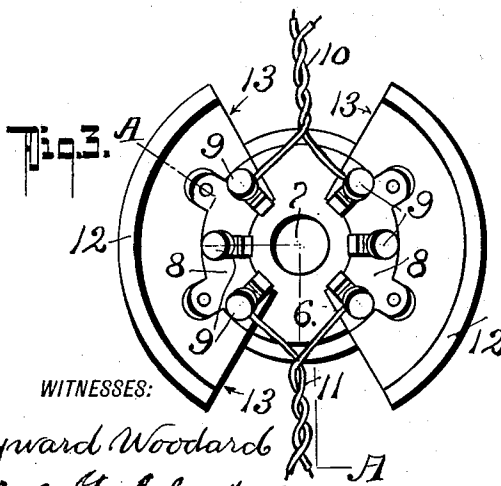
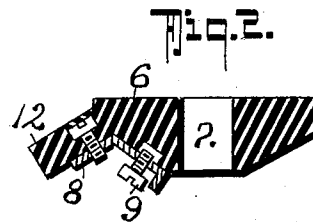
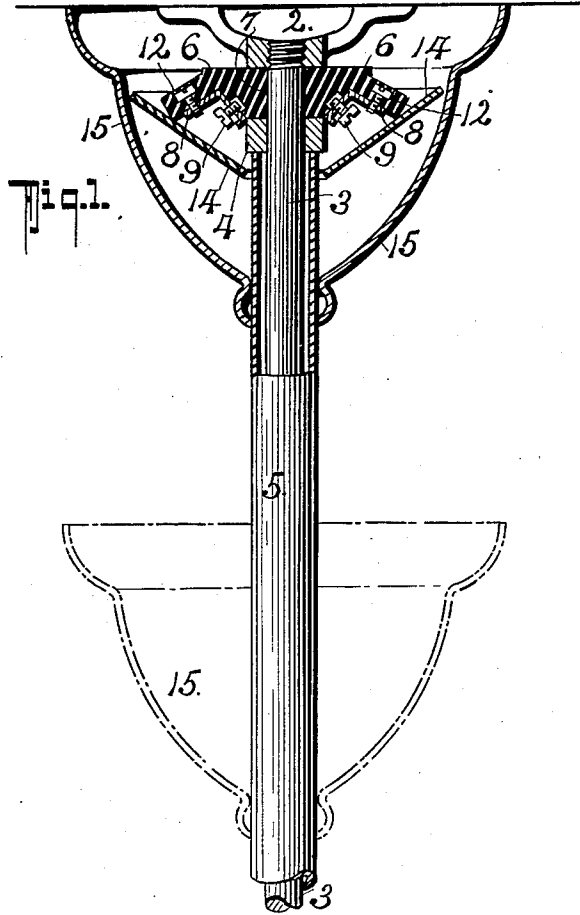


N. LANG.
INSULATING ROSETTE FOR ELECTRIC LIGHT FIXTURES.
APPLICATION FILED MAY 19, 1911.

1,021,687.

Patented Mar. 26, 1912.



WITNESSES:

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NIELS LANG, OF VANCOUVER, BRITISH COLUMBIA, CANADA.

INSULATING-ROSETTE FOR ELECTRIC-LIGHT FIXTURES.

1,021,687.

Specification of Letters Patent.

Patented Mar. 26, 1912.

Application filed May 19, 1911. Serial No. 628,241.

To all whom it may concern:

Be it known that I, NIELS LANG, citizen of the Dominion of Canada, residing at Vancouver, in the Province of British Columbia, Canada, have invented a new and useful Insulating-Rosette for Electric-Light Fixtures, of which the following is a specification.

This invention relates to an insulating rosette such as is used in connecting the wires of an electric light circuit to a chandelier or the like, and is designed to dispense with the necessity for soldering and taping the wire of the chandelier lamps to the service wire by providing binding screws to which the connection may be made, said binding screws being so placed as to be easily accessible for the purpose.

The invention comprises the provision of an insulating rosette having a central aperture through which the tube may pass by which the chandelier is suspended from the crow'sfoot, or from the insulating joint of a conduit system, the rosette being of such form that the binding screws are angled outward to enable a screw driver to be more conveniently applied to them when the bell canopy is slid down the suspension tube to afford access to the rosette.

The invention is particularly described in the following specification, reference being made to the drawings by which it is accompanied, in which:

Figure 1 is a section of the device showing its relation to the chandelier suspension and the bell canopy by which the connection is covered. Fig. 2 is an enlarged section of the insulator rosette on the line A A in Fig. 3, and Fig. 3 is a plan of the underside of the same.

In these drawings 2 represents the crow'sfoot by which the suspension rod 3 of a chandelier or the like is connected to the ceiling. Fitting on this suspension rod 3 and retained in contact with it by a collar 4 or by the outer casing tube 5 of the chandelier, is an insulating rosette 6 the rod or stem 3 passing through a central aperture 7 of the rosette. This rosette is provided with the usual terminal plates 8 having binding screws 9 for connection of the wires 10 of the circuit and 11 of the lamp. Service connection may thus be quickly and efficiently made by the binding screws instead of being soldered and taped, as at present. This provision of a centrally perforated in-

insulating rosette is an essential feature of the invention enabling a rosette with terminal plates and binding screws to be made use of in combination with a chandelier or the like.

To facilitate the use of the screw driver in proximity to the central stem of the chandelier the under surface of the insulator 6 to which the terminal plates are secured is angled as a cone or prism thus directing the axes of the screws away from the suspension rod and affording room for the convenient use of a screw driver in securing the wires. The insulator 6 is also made with a flange projecting outward beyond the terminal plates and having portions removed at 13 on opposite sides for the passage of the wires to the terminal binding screws. This flange is preferably downwardly angled, as shown in the drawings, to form a drip edge for any moisture that may condense on the surface of the insulator. After the connections are made a conical guard 14, preferably made of thin non-conducting fiber board, is secured in contact with the flange of the insulator and thus effectively incloses the terminal connections. Thereafter the ornamental bell canopy 15 which was moved down the tubular casing 5 while the connections were being made may be moved up again into contact with the ceiling.

I am aware that prior to my invention insulating rosettes of various forms have been used having terminal plates by which service wires may be connected to the wires of a room circuit but within my knowledge no insulating rosette has been provided with a central aperture to receive a lamp suspension rod nor within my knowledge have the binding screws been angled outward from the suspension rod, nor an insulating rosette having the downwardly angled protecting flange having portions removed for the passage of the service wires nor the conical protecting shield of non-conducting fiber board.

Having now particularly described my invention and drawn attention to the advantages of the several features, I hereby declare that what I claim as new and desire to be protected in by Letters Patent, is:

1. An insulating rosette for an electric lamp attachment comprising a body of insulating material centrally perforated to receive the lamp support said body being provided with terminal plates and binding

screws for the attachment of the line service and lamp wires, and a conical guard of non-conducting fiber board bent around the central stem of the support and inclosing the terminal connections.

2. An insulating rosette for an electric lamp attachment comprising a central body of insulating material, said body having a central aperture, the under face of said body being coniformed, downwardly inclined radial wings formed with said body, binding plates secured to said wings and projecting on to the coniform face of said body, binding screws threaded into said plates, said body having recesses into which said binding screws project, said binding screws lying at a downward and outward inclination to the axial line of said body aperture.

3. In an electric light attachment a central disk-like body of insulating material, having its under face coniformed and provided with radially projecting downwardly inclined wings, plates held on said coniformed surface of said body portion, and having ears projected to lie under and against the respective wing surface, securing screws pass through said wings into said ears to retain said plates, and binding screws threaded into said plates and lying normal to the coniformed surface, said body por-

tion having recesses to receive the respective binding screws.

4. In an electric light attachment a central disk-like body of insulating material, having its under face coniformed and provided with radially projecting downwardly inclined wings, plates held on said coniformed surface of said body portion, and having ears projected to lie under and against the respective wing surfaces, securing screws pass through said wings into said ears to retain said plates, and binding screws threaded into said plates and lying normal to the coniformed surface, said body portion having recesses to receive the respective binding screws, means for mounting said body portion on an electric light fixture, a conical guard of non-conducting material mounted on said fixture below and in close proximity to said body and beneath the same, and a canopy mounted on said fixture to inclose the aforesaid guard and body together with the body carried parts.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

NIELS LANG.

Witnesses:

ROWLAND BRITTAIN,
WM. S. SOUTAR.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."