

UNITED STATES PATENT OFFICE.

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BRYANT ELECTRIC COMPANY, OF BRIDGEPORT, CONNECTICUT, A COR-
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ELECTRICAL ROSETTE.

No. 849,934.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE B. THOMAS, a citizen of the United States of America, residing in the city of Bridgeport, county of Fairfield, State of Connecticut, have invented an Improved Electrical Rosette, of which the following is a specification.

The object of my invention is to produce an electrical rosette which can be easily manufactured in one piece, which can be easily wired when in use, and which will efficiently hold the wires when connected up.

In the accompanying drawings, Figure 1 is a vertical section of an electrical rosette constructed in accordance with my invention and showing the wires being inserted. Fig. 2 is a corresponding face view. Fig. 3 is a vertical section after the wires have been knotted and connected up. Fig. 4 is a side elevation. Fig. 5 is an elevation looking at the slotted side. Fig. 6 is an elevation looking at the opposite side; and Fig. 7 is a sectional view on the line 7 7, Fig. 5.

I prefer to mold the body of the rosette out of porcelain or the like insulating material and in one piece with a central knob A and a flanged base B. In the flanges are formed holes *b b* for the screws to secure the rosette to the ceiling, molding, or the like. I prefer to form at opposite sides of the rosette lugs *b' b'*, in which are secured the brass or other metallic terminal plates D, with their binding-screws *d* for the line-wires. These plates are preferably of the L-shaped form shown in Figs. 2 and 7 and on the inner ends carry binding-screws *d'* to receive the bared ends of the rosette or drop-wires E E.

The central knob A has a central vertical hole *a*, connecting with a lateral hole or outlet *a'*, leading to the outside immediately under the flanged base of the rosette and about midway between the terminal plates D, and there at the mouth of this hole *a'* the knob has a transverse open notch C formed in it to afford a chamber for the knot of the wires and to leave open lateral grooves *c c* for the wire ends to the terminal plates D.

In the side of the knob between terminal plates D and opposite that where the wires are thus carried out knotted and connected

to the terminal plates there is formed a radial slot F from the central hole *a* and cut back a sufficient distance to permit the ends of the wires to be easily inserted in the first place through the lateral hole *a'*, as shown in Fig. 1. For this purpose it is best to cut the slot F in the knob all the way back to the base B, as shown, so that practically a straight passage is offered for the lateral insertion of the wires through the knob. This straight cross-passage also facilitates the manufacture of the rosette. After insertion, as shown in Figs. 1 and 2, and after knotting of the wires and the connection of the bared ends to the terminal plates the covered part of the wire for the pendant may be pulled down into the central hole *a*, as shown in Figs. 3 to 7. I prefer to form that part of the slot F where it opens into the hole *a* somewhat narrower, as at *f*, than the diameter of the hole *a*, Fig. 2, and narrower than the normal diameter of the covered wires usually used, so that the covered wires have to be squeezed through into the hole *a* when they are turned down from the position Fig. 1 to that shown in Fig. 3, and consequently the wires will hang central in the hole *a* against ordinary side strain, which might otherwise tend to pull them out into the slot F.

My described construction of rosette is specially intended for use as a simple fuseless rosette, and it has the advantage over such rosettes as heretofore constructed that it calls for no curved or inclined holes to be formed in the insulating-body of the porcelain. It is easily wired, since the wires have to be inserted through one hole only and, finally, the wires will be effectually held.

I claim as my invention—

1. A rosette having a knob with a central hole, terminal plates, a lateral outlet from the central hole for the wire ends to the side of the knob between the terminal plates, and opposite this lateral outlet a radial slot from the central hole to the side of the knob also between the terminal plates, as and for the purpose described.

2. A rosette, having a base and a knob with a central hole, terminal plates, a lateral

outlet from the central hole for the wire ends
to the side of the knob between the terminal
plates and opposite this lateral outlet a ra-
dial slot from the central hole to the side of
5 the knob, this slot extending to the base of
the rosette, between the terminal plates.

In testimony whereof I have signed my

name to this specification in the presence of
two subscribing witnesses.

GEORGE B. THOMAS.

Witnesses:

G. W. GOODRIDGE,
F. E. SEELEY.