No. 741,741. PATENTED OCT. 20, 1903.

W. C. TREGONING.

MEANS FOR THE ATTACHMENT OF INCANDESCENT LAMPS.

APPLICATION FILED JULY 17, 1903.

NO MODEL.

Fig. 1

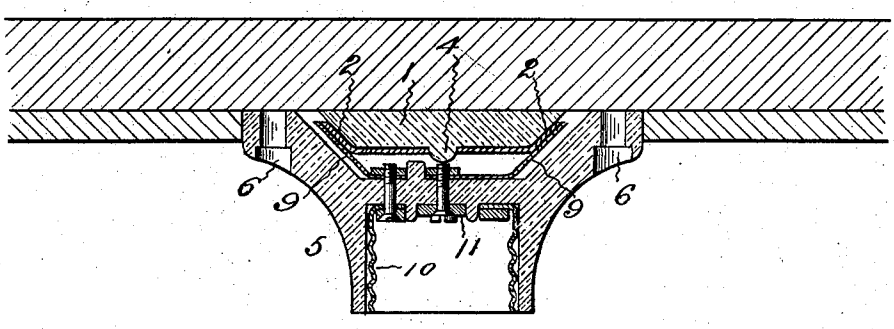


Fig. 2

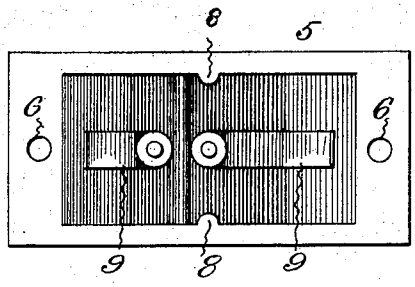


Fig. 3

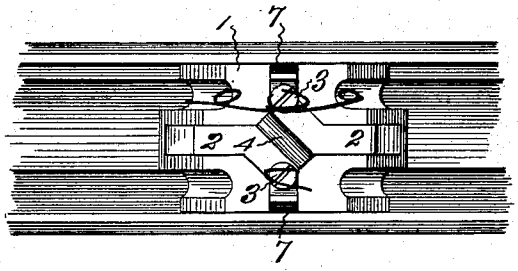
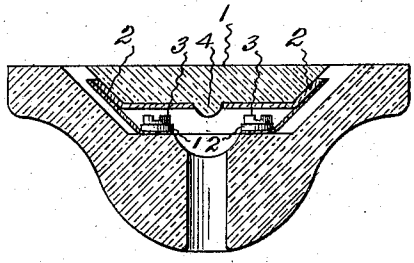


Fig. 4



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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

No. 741,741. Patented October 20, 1903.

UNITED STATES PATENT OFFICE.

WILLIAM C. TREGONING, OF HARTFORD, CONNECTICUT, ASSIGNOR TO CHARLES G. PERKINS, OF HARTFORD, CONNECTICUT.

MEANS FOR THE ATTACHMENT OF INCANDESCENT LAMPS.

SPECIFICATION forming part of Letters Patent No. 741,741, dated October 20, 1903.

Application filed July 17, 1903. Serial No. 165,916. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM C. TREGONING, a citizen of the United States, residing at Hartford, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Means for the Attachment of Incandescent Lamps, of which the following is a specification.

This invention relates to a device which is particularly adapted for attaching incandescent electric lamps to circuit-wires which are run in moldings, but which can be used for attaching lamps to wires run on cleats or concealed.

The object of the invention is to provide a simple and cheap receptacle or rosette which can be easily connected with circuit-wires run in moldings by simply removing a section of the molding-cover equal to the length of the cap of the receptacle or rosette and slipping the contact-block under bared sections of the wires without opening up any more of the cover or sawing the molding.

The device which embodies this invention has a small insulating-block bearing contact-plates with binding-screws for connecting the contact-plates with bared sections of the circuit-wires and an insulating-cap with spring contact-fingers that are connected with a threaded metallic shell and center terminal for the direct attachment of a lamp or are connected with binding-screws for the attachment of flexible wires leading to a lamp, the cap with the contact-fingers and the lamp-connecting means being independent of the block and adapted to be removably secured to the molding over the block.

Figure 1 of the accompanying drawings shows a central longitudinal section of a receptacle that embodies the invention. Fig. 2 shows a view of the inside of the cap. Fig. 3 shows a plan of the block on a piece of molding. Fig. 4 shows a central section of a rosette that embodies the invention.

The block 1 may be formed of a thin piece of porcelain or similar insulating material, with beveled ends that are grooved to hold the circuit-wires. On each beveled end of the block is a contact-plate 2. These contact-plates extend longitudinally of the block, so that they lie between the wires, and near the middle are offset and provided with binding-screws 3 for connecting the circuit-wires to the plates. At the middle of the block between the plates is a rib of insulation 4 to effectually separate one plate from the other. The insulation is removed from short sections of the wires and they are raised from the grooves in the molding and the block slipped under them. When the block is under the wires, the screws are tightened upon the bared sections. It is not necessary to cut the wires, saw the molding, or to open up any length of the molding-cover to permit the block to be slipped under the wires. Fitting over the block is an insulating-cap 5, which may be made of porcelain or any other suitable insulating material. This cap is substantially the same width as a piece of molding and has lateral extensions, through which are holes 6 for the passage of screws which are used for fastening the cap to the molding or other support. In the sides of the block are grooves 7, which are adapted to receive ribs 8 on the inside of the cap for the purpose of locating the cap and block in correct relation to each other. In the recess in the cap a pair of spring contact-fingers 9 are arranged to extend longitudinally and when the cap is placed over the block to engage the contact-plates on the block. One spring-finger is connected with a threaded metallic shell 10, which is located in a socket in the cap, and the other spring-finger is connected with the center terminal 11 in the socket in the cap. A common lamp can be screwed into the shell before or after the cap is placed over the block and fastened to the molding. A section of the molding-cover is removed to allow the cap to be placed over the block and fastened to the molding.

In the rosette construction the spring contact-fingers in the recess in the cap are connected with plates 12, which are provided with binding-screws 13 for the attachment of the ends of flexible cords which lead from a lamp through an opening in the cap.

It is only necessary to remove a section of the molding-cover equal to the length of the cap of the receptacle that is to be fastened to the molding. No other portion of the molding-cover need be removed or opened up, and it is not necessary to cut the wires nor to un-

duly stretch them for the purpose of sawing the molding or making the connections on the block.

The invention claimed is—

1. A device having a block of insulating material bearing contact-plates provided with binding-screws, and a cap of insulating material with a recess for receiving the block and containing spring contact-fingers and means connected with the contact-fingers for the connection of lamp-terminals, substantially as specified.

2. A device having a block of insulating material with beveled ends and wire grooves and bearing contact-plates provided with binding-screws, and a cap of insulating material with a recess for receiving the block and containing spring contact-fingers and means connected with the contact-fingers for the connection of lamp-terminals, substantially as specified.

3. A device having a block of insulating material bearing contact-plates, a cap of insulating material with a recess for receiving the block and containing spring contact-fingers and with a socket containing a threaded metallic shell and a center terminal, and means connecting the shell and center terminal in the socket with the spring-fingers in the recess, substantially as specified.

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