March 2, 1926. 1,575,245

W. WURDACK, JR

LAMP BULB SUPPORT

Filed April 28, 1924

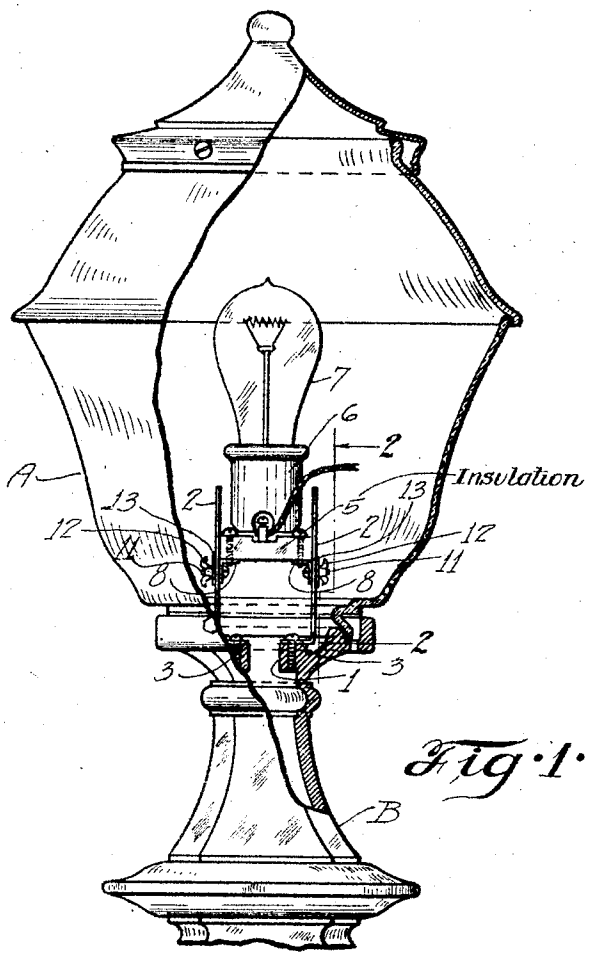


Fig. 1.

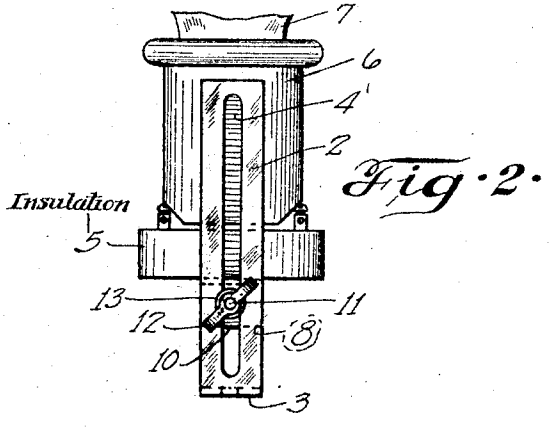


Fig. 2.

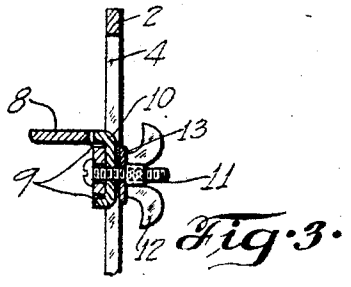


Fig. 3.

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UNITED STATES PATENT OFFICE.

WILLIAM WURDACK, JR., OF ST. LOUIS, MISSOURI, ASSIGNOR TO WM. WURDACK ELECTRIC MFG. CO., OF ST. LOUIS, MISSOURI, A CORPORATION OF MISSOURI.

LAMP-BULB SUPPORT.

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To all whom it may concern:

Be it known that I, WILLIAM WURDACK, Jr., a citizen of the United States, residing at the city of St. Louis, State of Missouri, have invented a certain new and useful Improvement in Lamp-Bulb Supports, of which the following is a specification, reference being had to the accompanying drawing, forming a part thereof.

This invention relates generally to electric lighting systems and apparatus and, more particularly, to a certain new and useful improvement in the supports for the lighting-bulbs of such systems.

In electric street and other lighting or illuminating systems, the bulb is usually enclosed within a reflecting or other suitable globe, and it is required for proper lighting effects that the bulb be centered both longitudinally and laterally relatively to its enclosing globe. Electric bulbs are generally of standard dimensions at their base, but otherwise frequently vary in their form or shape and dimensions, and my invention has hence for its chief object the provision of simple, efficient means readily and conveniently adjustable for supporting the particular bulb irrespective of its form and dimensions at the proper point longitudinally of its enclosing globe for obtaining maximum lighting effects.

With the above and other objects in view, my present invention resides in the novel features of form, construction, arrangement, and combination of parts hereinafter described and pointed out in the claim.

In the accompanying drawing,—

Figure 1 is an elevational view, partly broken away and in section, of a lamp-standard and globe equipped with a bulb-support embodying my invention;

Figure 2 is an enlarged fragmental elevation taken approximately on the line 2—2, Figure 1, looking in the direction of the arrow; and

Figure 3 is an enlarged fragmental detail section of the support.

Referring now more in detail and by reference characters to the drawing, which illustrates a preferred embodiment of my invention, A indicates a lamp-globe and B its supporting-standard, both of which may be of any suitable or approved type, and forming part of standard B is an interior preferably annular ledge 1 providing a seat for the bulb-supporting means now to be described.

2—2 indicate suitably elongated preferably metallic strip-sections or rails, which adjacent one end are flanged or bent inwardly at right angles, as at 3, and at their bent or angular ends 3 rigidly fixed or attached to the ledge 1, as best seen in Figure 1, to extend in parallel diametrically opposite relation vertically upwardly from the ledge 3. Provided longitudinally in the upstanding portions of the sections or rails 2, for purposes shortly appearing, are suitably elongated registering slots 4.

Disposed for axial movement intermediate the rails 2, is an annular preferably insulation-base 5 carrying upon its upper face a suitable socket 6 for the lamp-bulb 7.

Fixed at one leg to and upon the under face of the base 5 at diametrically opposite points for co-operation with the upstanding strips or rails 2, are angle-members 8, 8, which, at their free legs are notched, as at 9—9, and straddling the free legs of the angles or brackets 8 with their ends fitting in the notches 9—9 and securely retained in position by screw-members 11, 11, that engage the brackets 8 and project at their threaded ends outwardly through the slots 4, are blocks or lugs 10, 10, outwardly presented to fit for slidable movement in the slots 4 of the upstanding strips or rails 2. Fitting upon the outwardly projecting threaded portions of the screw-members 11 for adjustable clamping engagement with the rails 2, are wing-nuts or the like 12.

Hence, in use or operation, it will be apparent that the socket-carrying base 5 may be adjustably positioned over the ledge 1 and vertically of the rails 2 and globe A at the proper location depending upon the shape and dimensions of its particular bulb 7 to secure and obtain the best lighting effects, the lugs or blocks 10 holding the base 5 and its carried bulb 7 from tilting relatively to the supporting-rails 2 and the nuts 12, when threaded upon the screws 11 into clamping engagement with the rails 2, securely retaining the base 5 and its carried bulb 7 in adjusted position or location. Preferably, as best seen in Figure 3, binding-washers 13 are interposed on the screws 11 between the nuts 12 and rails 2.

My new bulb-support is simple and in-

expensive in form and construction, readily installed in connection with the usual types of lighting standards, capable of employment with all general types of present day lamp-bulbs, and exceedingly efficient in the performance of its intended functions.

I am aware that changes in the form, construction, arrangement, and combination of the several parts of my new bulb-support may be made and substituted for those herein shown and described without departing from the nature and principle of my invention.

Having thus described my invention, what I claim and desire to secure by Letters Patent is:

In combination with a lighting standard and a globe mounted upon the standard, the standard having a ledge below the plane of the globe, a spaced pair of longitudinally slotted parallel rails fixed at an end upon the standard ledge and upstanding in the globe, a bulb-socket disposed for adjustable movement intermediate the rails and relatively to the globe, angle brackets fixed at one leg to the socket, means comprising screw-members carried by the other legs of the brackets and projecting through the rail-slots for fastening the socket to the rails in adjusted positions lengthwise of the rails, and blocks having engagement with the brackets and fitting for sliding movement in the slots of the rails for retaining the socket against tilting movement relatively to the rails.

In testimony whereof, I have signed my name to this specification.

WILLIAM WURDACK, Jr.