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DISPLAY STAND FOR INCANDESCENT ELECTRIC LAMPS.

APPLICATION FILED MAY 12, 1920.

1,408,128. Patented Feb. 28, 1922.

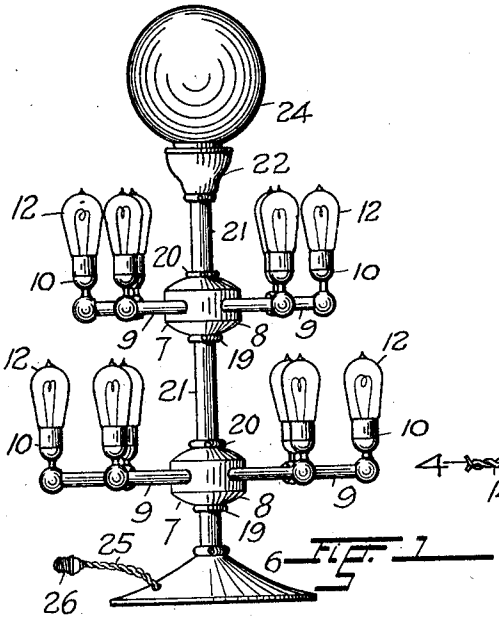


FIG. 1

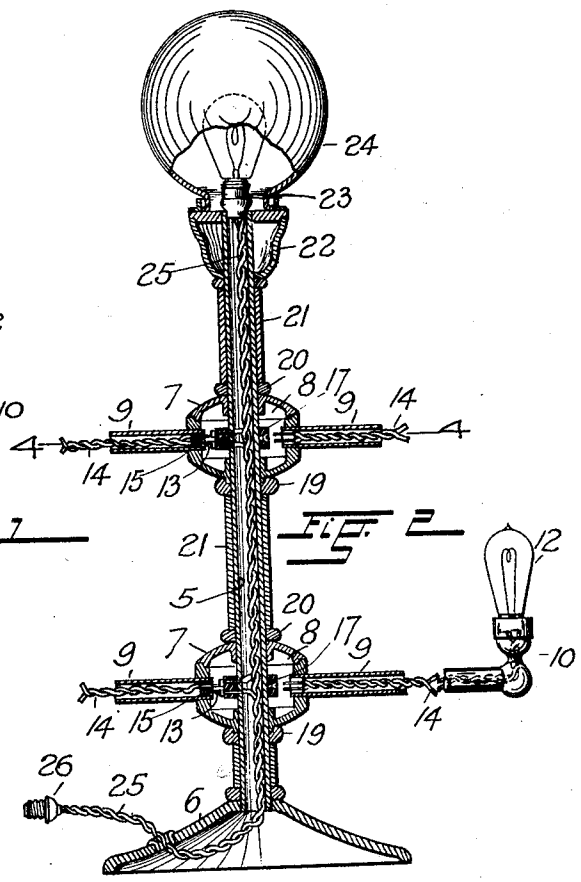


FIG. 2

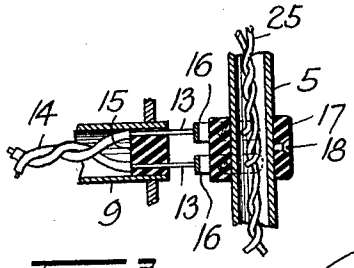


FIG. 3

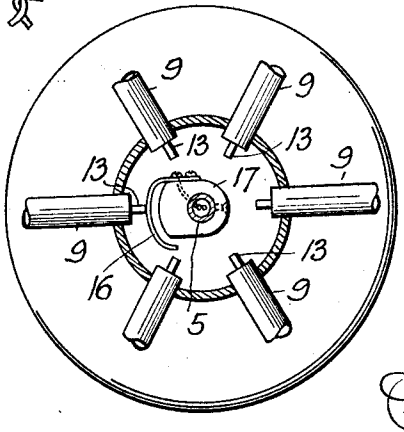


FIG. 4

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DISPLAY STAND FOR INCANDESCENT ELECTRIC LAMPS.

1,408,128. Specification of Letters Patent. Patented Feb. 28, 1922.

Application filed May 12, 1920. Serial No. 380,904.

To all whom it may concern:

Be it known that I, WILL C. NEAHR, a citizen of the United States, residing at Denver, in the county of Denver and State of Colorado, have invented certain new and useful Improvements in Display Stands for Incandescent Electric Lamps, of which the following is a specification.

My invention relates to display stands for incandescent electric lamps and its primary object is to provide a simple device of attractive appearance by which the illuminating powers of incandescent lamps of different wattage may be conveniently and comparatively shown to prospective purchasers.

An embodiment of my invention has been illustrated in the accompanying drawings in the several views of which like parts are similarly designated, and in which

Figure 1 represents a side elevation of my display stand;

Figure 2, an enlarged sectional elevation of a central portion of the same;

Figure 3, an enlarged sectional view of one of the electric switches included in the construction and

Figure 4, a section along the line 4—4, Figure 2, drawn to an enlarged scale.

Referring to the drawings I provide a stand composed of a tubular upright shaft 5 supported upon a hollow pedestal 6. The shaft provides a bearing for a plurality of lamp carriers each consisting of a hollow hub 8 and radially projecting tubular arms 9.

The arms carry at their outer extremities sockets 10 for the support of incandescent lamps 12 in a preferably upright position, the terminals of said sockets being connected with contact pins 13 at the ends of the respective arms by wires 14.

The contact pins which are set in plugs 15 of non-conducting material in the ends of the arms, project into the hub of the respective carrier to simultaneously engage during the rotary movement thereof with a pair of resilient contact blades 16 on a nonconducting block 17 which is fixed to the shaft by a set screw 18.

The carriers are supported for rotation on the shaft upon bearing-collars 19 which are secured to the shaft by set-screws and they are held against upward displacement by other similar collars 20 likewise fastened to the shaft.

Distance sleeves 21 placed between the different collars further maintain them in their relative positions and aid in giving a finished and artistic appearance to the stand.

A bowl-shaped top 22 at the upper end of the stand provides a support for an incandescent lamp socket 23 and a preferably spherical globe 24 surrounding the same.

The socket and the globe do not form part of the comparative display feature of the invention but are provided merely for ornamentation and as a convenient means for attaching the wires 25 by which the contact blades of the different switches are connected in an electric circuit.

The wires extend from the terminals of the socket 23 at the upper end of the stand through the hollow shaft and through an opening in the pedestal and they are attached to a plug 26 for their connection in an electric lighting circuit.

The switch blades 16 are connected in parallel with conductors 25 the ends of which extend through openings in the insulating blocks on which the blades are mounted.

It will be apparent that during rotation of one of the carriers on the standard the different lamps supported on the radiating arms thereof are consecutively connected in the circuit, and by placing lamps of different wattages on the same carrier the purchaser can conveniently compare their respective illuminating powers and select the one best adapted for the purpose he has in mind.

It will be understood that any desired number of carriers may be mounted on the same standard and connected in multiple in the circuit and that when the plug 26 is connected in the electric lighting circuit, the lamp at the top of the stand is continuously lighted to attract attention to the display.

The globe around the lamp may bear the trade mark of the lamps on display or the name and address of the manufacturer thereof, thereby advertising any particular product to which the dealer desires to attract attention.

It will also be understood that my invention is not limited to the exact details of construction shown in the drawings and that variations in the construction and arrangement of constituent parts of the display stand may be made within the scope thereof.

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

1. In a display-stand for incandescent electric lamps, the combination of a base, an upright hollow shaft fixed thereon, conductors of electricity therein adapted for connection in an electric circuit, a carrier mounted for rotation on the shaft, and exposed for the display of incandescent lamps, sockets on the carrier to receive the lamps and a switch having a contact member on the shaft in connection with said conductors, and contact members on the carrier separately connected with the sockets and relatively arranged to consecutively engage the member on the shaft by rotation of the carrier.

2. In a display stand for incandescent electric lamps, the combination of a base, an upright hollow shaft fixed thereon, conductors of electricity therein adapted for connection in electric circuit, a display element mounted for rotation on the shaft and composed of a hollow hub and radiating arms, electric lamp sockets on the arms, and a switch including a contact member on the shaft within the hollow hub in connection with said conductors, and contact members at the inner ends of the arms in electric connection with the respective sockets and relatively arranged within the hub to consecutively engage the members on the shaft by rotation of said element.

In testimony whereof I have affixed my signature.

WILL C. NEAHR.