J. L. DAWES.

REVOLVING LANTERN.

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1,196,341. Patented Aug. 29, 1916.

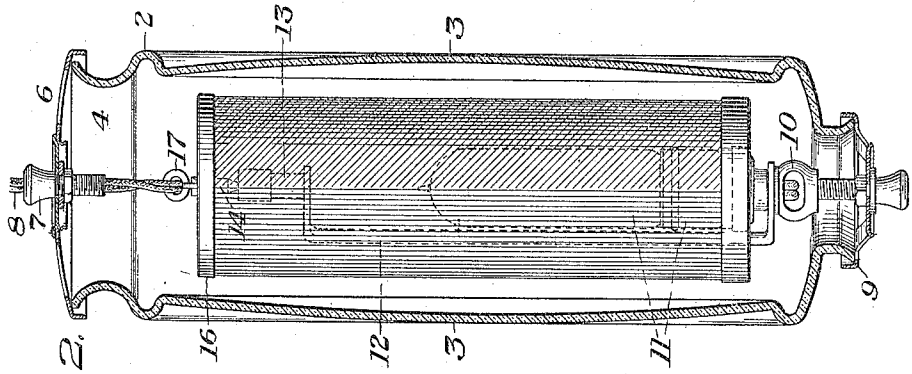


Fig. 2.

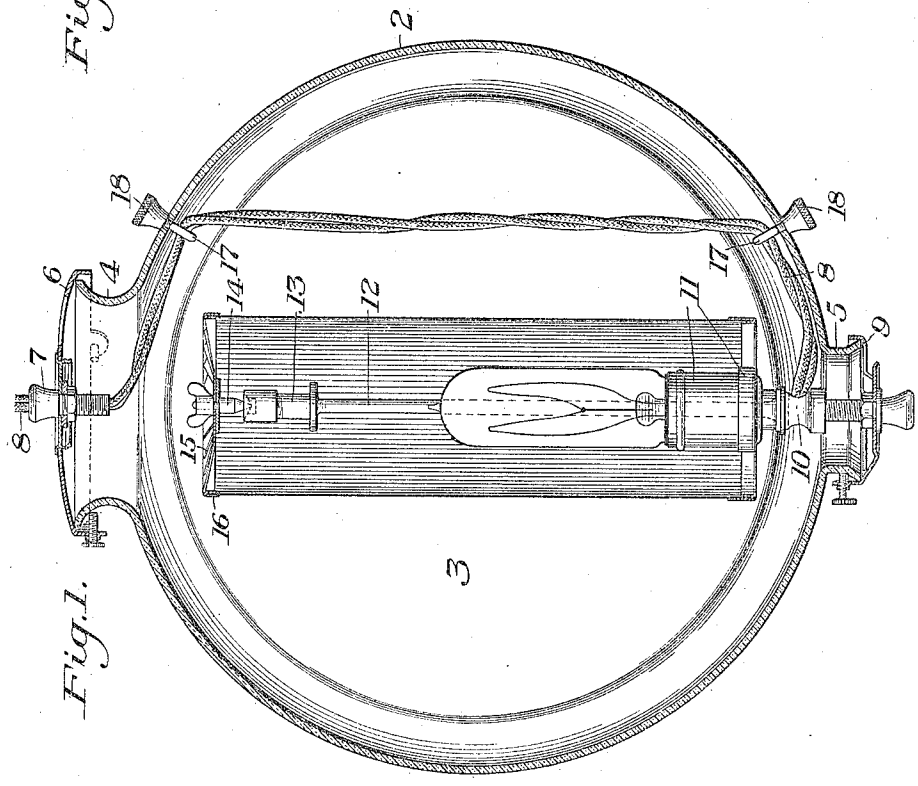


Fig. 1.

WITNESSES

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REVOLVING LANTERN.

1,196,341. Specification of Letters Patent. Patented Aug. 29, 1916.

Application filed October 12, 1914. Serial No. 866,186.

To all whom it may concern:

Be it known that I, JOHN L. DAWES, a citizen of the United States, residing at Pittsburgh, Allegheny county, Pennsylvania, have invented a new and useful Improvement in Revolving Lanterns, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a vertical section through one form of my improved lantern; and Fig. 2 is a similar view at right angles to Fig. 1.

My invention relates to revolving lanterns which are adapted to be used for advertising purposes, and is designed to provide a device of this character which can be cheaply made, which is suspended and in which the lamp for illuminating the device is mounted on a bracket connected to the bottom thereof, so that a rotary colored shade can be supported above the lamp within the lantern.

The precise nature of my invention will be best understood by reference to the accompanying drawings, which will now be described, it being premised, however, that various changes may be made in the details of construction and arrangement of the parts without departing from the spirit and scope of my invention as defined in the appended claims.

In the drawings the numeral 2 designates an annular casing or globe and 3 the glass portions to be used for advertising purposes. Connected to the top of the casing 2 is an annular flange 4, and 5 is a similar flange connected to the bottom thereof, both of which surround annular openings through the casing. In the drawings I have shown the casing, flanges and advertising portion made of a single piece of glass, which I prefer to make translucent, so that the entire structure will be illuminated without exposing to view the devices on the interior of the casing. Connected to the top flange 4 is a casing or globe supporting plate 6 having openings therethrough for permitting hot air to pass from the casing to the atmosphere. In the specific device I have shown the supporting plate 6 connected to a bushing 7 surrounding electric wires 8 from which the entire device is suspended.

9 is a lamp supporting plate connected to the lower flange 5, and connected to this plate is the bushing 10 having an opening through the wall thereof for the wires 8, and mounted above the bushing 10 is an incandescent electric lamp 11. Connected to the bushing 10 below the lamp 11 is a standard 12 which is made in the form of a yoke to pass around the electric lamp. The upper end of this standard extends inwardly to a point over the center of the lamp and is provided with an upwardly extending stem 13. The upper end of this stem 13 is provided with a bearing for the reception of the point on the end of the stem 14 connected to the blades 15 of a motor. The outer ends of the brackets of the blades 15 are connected to the annular flanges 16, between which is mounted a shade having a plurality of colors on its surface which are arranged to change the color of the light passing through the glass portions 3. This shade is arranged to be rotated by the heated air which passes upwardly between the motor blades 15.

In order to carry the wires 8 from the bushing 7 to the bushing 10 which are in alinement with each other and around the electric lamp 11, I provide a plurality of eyes 17 which are in the form of screw eyes, the ends of which pass through openings in the casing and are connected thereto by means of nuts 18; although it will be understood by those familiar with the art that various types of suspending devices may be provided for holding the wires away from the lamp.

The advantages of my invention result from the provision of a revolving lantern suspended from the top and provided with a lamp supported from the bottom thereof, further from the provision of means for suspending the sign from the source of supply for the incandescent electric lamp bulb for the lantern, which source of supply is carried around the lamp within the frame to the lower end of the casing and then to the bottom of the lamp bulb.

I claim:

1. A suspended revolving lantern comprising a casing having openings through the bottom and top thereof, an annular flange formed integral with the top of the casing, an annular flange formed integral with the bottom of the casing, said flanges surrounding said openings, a casing supporting plate connected to the top flange, a lamp supporting plate connected to the bottom flange, an incandescent electric bulb

support connected to the bottom plate, a lamp supported thereby, electric conductors connected to the top plate and arranged to support the entire structure, said conductors extending to the lamp supported by the bottom plate, a shade supporting yoke connected to the lamp support extending laterally, then upwardly and then laterally over the center of the top of the lamp, and a shade supported on the top of said yoke; substantially as described.

2. A suspended revolving lantern comprising a casing having openings through the bottom and top thereof, an annular flange formed integral with the top of the casing, an annular flange formed integral with the bottom of the casing, said flanges surrounding said openings, a casing supporting plate connected to the top flange, a lamp supporting plate connected to the bottom flange, an incandescent electric bulb support connected to the bottom plate, a lamp supported thereby, electric conductors connected to the top plate and arranged to support the entire structure, said conductors extending to the lamp supported by the bottom plate, a shade supporting yoke connected to the lamp support extending laterally, then upwardly and then laterally over the center of the top of the lamp, a bearing on the top of said yoke, a shade supported on said bearing and adapted to rotate thereon, and a motor connected to the top of said shade adapted to be actuated by the hot air radiated from the lamp; substantially as described.

In testimony whereof, I have hereunto set my hand.

JOHN L. DAWES.

Witnesses:
JESSE B. HELLER,
H. M. CORWIN.

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