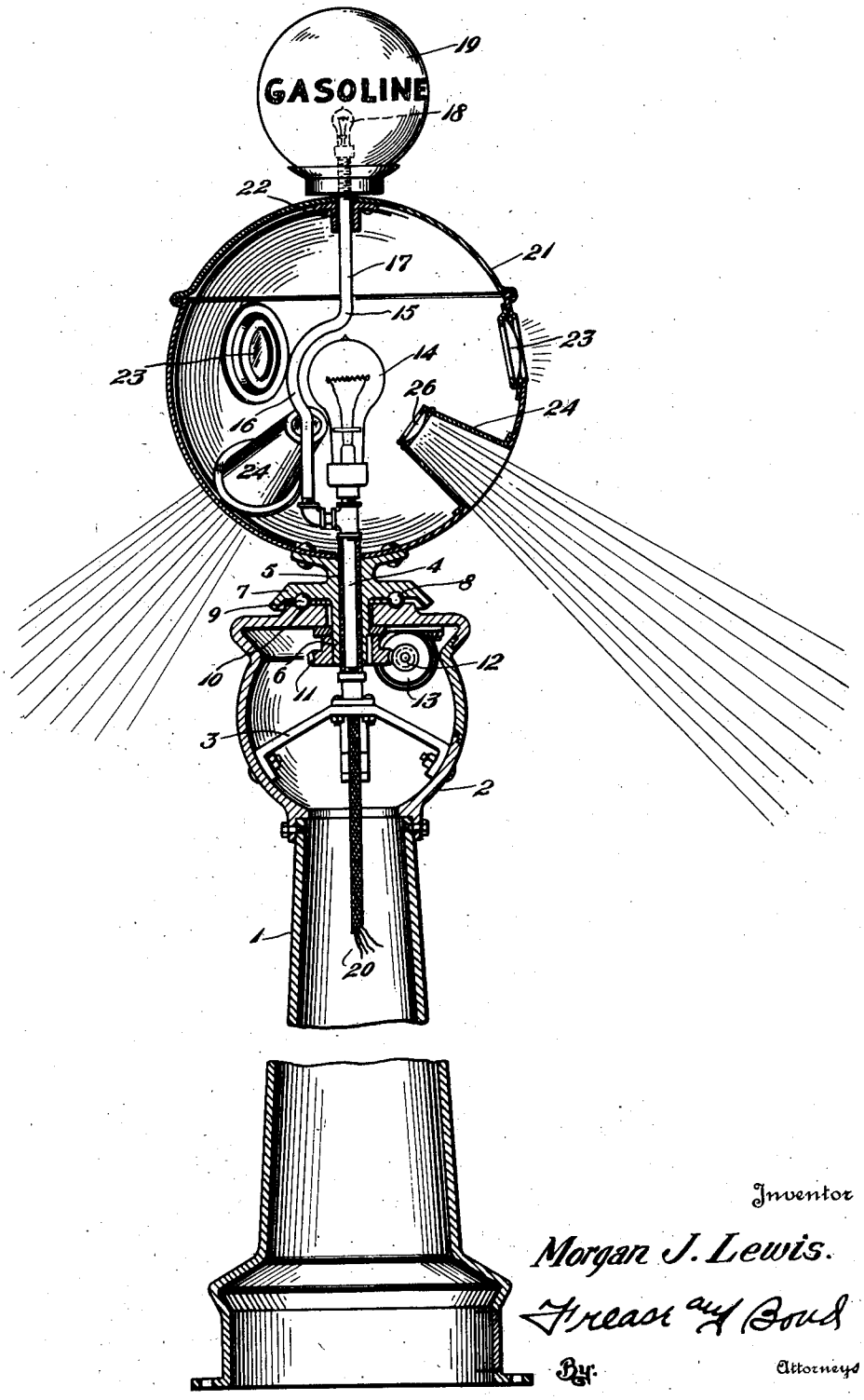
May 22, 1928. 1,670,816

M. J. LEWIS

REVOLVING ADVERTISING APPARATUS

Filed March 13, 1925



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UNITED STATES PATENT OFFICE.

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REVOLVING ADVERTISING APPARATUS.

Application filed March 13, 1925. Serial No. 15,199.

This invention relates to advertising devices, and more particularly to a revolving apparatus especially designed for use in advertising gasoline filling stations and the like.

The objects of the improvement are to provide a device including a revolving sphere enclosing a lamp, a plurality of colored lenses being located around the median line of the sphere for projecting colored flood lights outward in a substantially horizontal direction, and a plurality of spot light lenses being carried by the sphere for projecting spot lights upon the ground around the device; a stationary lighted sign being mounted above the sphere.

An embodiment of the invention is illustrated in the accompanying drawing, in which—

The figure is a vertical, longitudinal, sectional view of a revolving apparatus embodying the invention.

Similar numerals of reference indicate corresponding parts throughout the drawing.

The apparatus is preferably mounted upon a hollow post or column 1, which supports the housing 2 provided with a bracket 3 upon which is supported the central hollow shaft 4, surrounded by a bushing 5 upon which is journaled the sleeve 6.

An annular bearing flange 7 is formed upon the sleeve and provided with a ball-race 8 to receive the balls 9 which are mounted in a ball-race 10, formed in the top wall of the housing, providing a thrust bearing for the sleeve 6 and the apparatus carried thereby. A worm gear 11 is fixed upon the lower end of the sleeve 6 and meshes with a worm 12 upon the motor 13, which is mounted within the housing.

An incandescent bulb 14 is mounted upon the upper end of the stationary hollow shaft 4, and a pipe 15 is connected to the hollow shaft 4 and provided with a curved portion 16 located around one side of the incandescent bulb, the upper straight end 17 of said pipe being aligned with the hollow shaft 4 and supporting an incandescent bulb 18 and a globe 19 upon which any desired advertising matter may be displayed. Wires 20 are located within the hollow post 1 and extend through the shaft 4 and pipe 16 to the lamps 14 and 18.

A hollow sphere 21, preferably formed of sheet metal, is fixed upon the upper end of the sleeve 6 and surrounds the incandescent bulb 14 and pipe 15, being provided at its upper end with the bearing portion 22 which is journaled upon the straight portion 17 of the pipe, just below the globe 19.

Lenses 23, preferably of different colors, are provided at spaced intervals in the hollow sphere 21, substantially at the median line thereof to project flood lights of different colors in a substantially horizontal direction from the sphere.

Tapered tubes 24 are also provided at intervals around the lower portion of the sphere and spot light lenses 26 are carried at the inner ends of said tubes in order to direct spot lights upon the ground adjacent to the post 1, as the sphere is rotated.

It will be seen that by operating the motor 13, the sphere 21, through the gearing shown, will be continuously rotated, throwing flood lights of defferent colors in all directions from the sphere and throwing a spot light upon the ground surrounding the post, the spot lights traveling in a circle upon the ground as the sphere rotates.

The globe 19, provided with the advertising matter, remains stationary and thus attention is attracted to the apparatus from a considerable distance away by the rotating flood lights and spot lights.

I claim:—

1. An apparatus of the character described including a rotatable sphere, means for rotating the sphere, a stationary tubular shaft upon which the sphere is journaled, a lamp within the sphere, a lamp upon the upper end of the hollow shaft, wires in the hollow shaft connected to the lamps, a plurality of colored lens in the sphere arranged to direct flood lights in a substantially horizontal direction, and a plurality of spot light lenses in the sphere arranged to direct spot lights downward from the sphere.

2. An apparatus of the character described

including a hollow shaft having a curved portion intermediate its extremities, a lamp mounted upon the shaft at said curved portion, a second lamp mounted at the upper end of the shaft, wires in the hollow shaft connected to said lamps, a hollow sphere rotatably mounted upon the shaft and enclosing the first named lamp, flood light lenses in the sphere for directing flood lights substantially horizontally from the first named lamp and spot light lenses in the sphere for directing spot lights downward from the lamp.

In testimony that I claim the above, I have hereunto subscribed my name.

MORGAN J. LEWIS.