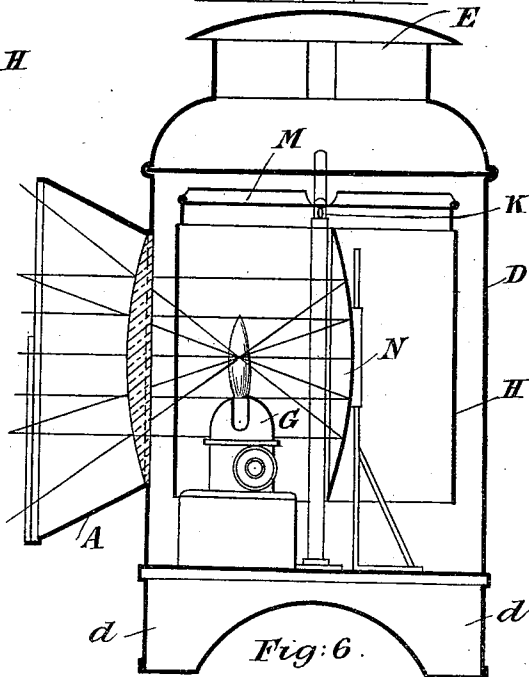
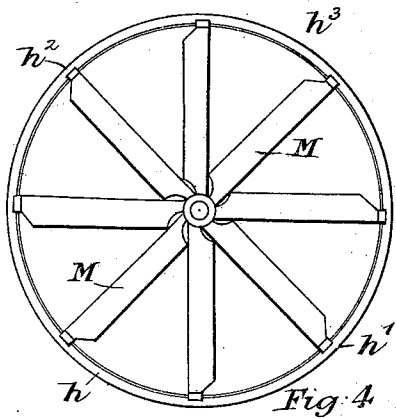
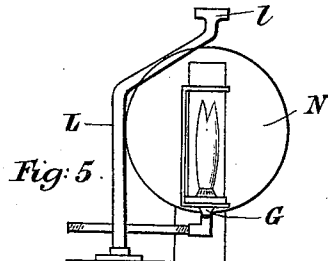
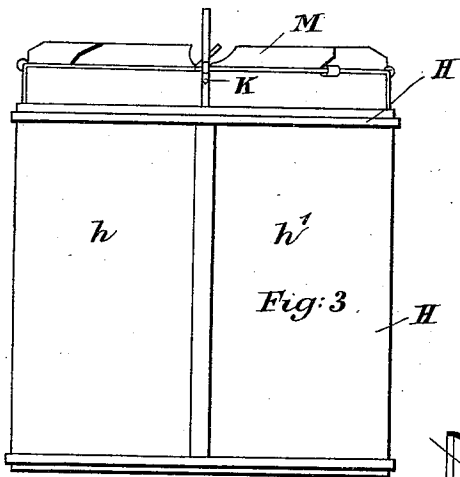
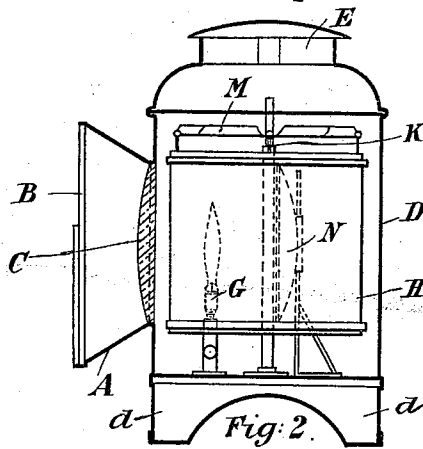
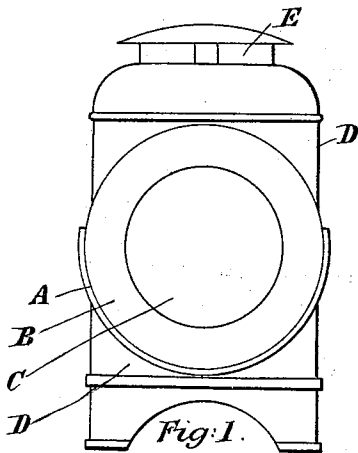


(No Model.)

A. C. WRIGHT.
LAMP FOR ADVERTISING PURPOSES.

No. 546,836.

Patented Sept. 24, 1895.



Witnesses
H. van Ouden
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Inventor
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by *[Signature]*
Attorneys

UNITED STATES PATENT OFFICE.

ALFRED CECIL WRIGHT, OF BIRMINGHAM, ENGLAND.

LAMP FOR ADVERTISING PURPOSES.

SPECIFICATION forming part of Letters Patent No. 546,836, dated September 24, 1895.

Application filed March 9, 1895. Serial No. 541,183. (No model.)

To all whom it may concern:

Be it known that I, ALFRED CECIL WRIGHT, a citizen of Great Britain, residing at 99 Bristol Road, in the city of Birmingham, county of Warwick, and Kingdom of England, have invented new and useful Improvements in Lamps for Advertising Purposes, of which the following is a specification.

This invention has reference to the manner in which I construct lamps for advertising-lamp appliances, the object of my invention being to enable a lamp to be employed for the purpose of illuminating a screen having any desired announcement placed thereupon, the light being conveyed through colored glass or other transparent substance mounted upon a cylinder in such a manner as to automatically produce a variety of colors upon the same tablet or disk, and thus by the changing of color or alteration in the effect produced to attract attention to the advertisement.

In the accompanying sheet of explanatory drawings, Figure 1 is a front elevation of my lamp, and Fig. 2 is a sectional side elevation of the same. Fig. 3 is an enlarged elevation of my glass cylinder and vanes, and Fig. 4 is a plan of the same. Fig. 5 is an enlarged elevation of my burner, reflector, and bracket; and Fig. 6 is a detail showing another form of burner sometimes employed and the manner in which the light is propagated onto the screen.

In carrying my invention into effect I construct my advertising apparatus in one convenient manner in the form of a lamp having a projecting funnel A, the outer end of the funnel being arranged to receive a disk of glass or other suitable material on which the announcement is displayed. I make my funnel with its outer opening of any required configuration, although I find it particularly convenient to manufacture it in the form of a cone having the base or larger portion of the cone at the outer extremity. At the inner end of the cone I provide a lens C or series of lenses for focusing the light onto the tablet B, and for convenience in packing I may make my cone and tablet-carrier detachable from the mouthpiece and body D of the lantern.

The body D of my lamp or lantern I make of any suitable configuration of metal or other suitable material, having a hood E and a door

or doors arranged thereupon in the manner common to ordinary lanterns used for general purposes; but within the well or inner portion of the lantern-body I arrange a burner G, sometimes providing it with a shield or chimney for inclosing the flame. The burner I make suitable either for gas, electricity, petroleum, candle, or other illuminant. About the candle-holder or about the chimney of the burner I mount a cylinder H, containing a number of different-colored glass plates, or plates h , h' , h^2 , and h^3 of different color made of other suitable transparent material. This cylinder H, I carry by means of a pivot K, which works upon a bearing or standard L, arranged within the body of the lamp, the pivot K being made with a hardened-steel point and having a similarly-hardened foot-step-bearing l or a bearing or center-piece of agate or other suitable material, to permit of as far as possible the minimum amount of friction being set up when the spindle K and its attached cylinder H revolves. At the upper end of the frame forming the cylinder or the casing carrying my colored transparent plates I mount a series of vanes or inclined plates M in the form of a fan or in the form of a blade-propeller, the blades being inclined and formed with such an angle as will enable the issuing heat-currents from the top of the chimney or above the flame of the burner to set the framework in motion as they escape, thereby causing the transparent cylinder to revolve. I make my vane plates or blades of metal, mica, or other suitable material, and the framework H for carrying my cylindrical or other shaped glass or transparent plates as light as possible, so that when the lamp or light is burning the cylinder or framework, with its plates, shall revolve and thus cause a different color to be presented to the front of the burner and a different color consequently to be displayed upon the advertising-plate as the disks or plates h h' h^2 h^3 of that color are carried past the front of the burner set in motion by the heat escaping from the top. I place behind my burner and within the barrel or cylinder of plates a reflector N of the ordinary kind used in lamps employed for other purposes.

The bottom portion of the lamp-body I make with feet d or flanges for standing or being

attached to any particular stand, or I provide it with legs of any ordinary character for enabling it to be placed in position in a shop-window or other place necessary for displaying the same.

I provide within my lamp-body necessary plates and slides for permitting the burner or burners to be withdrawn for cleaning or for examination, and I make the bases or frame of my lantern-body suitable, when so required, for carrying the advertisement disks or plates or for carrying other articles which may be necessary for storage.

When making my lamp suitable for burning gas, I make an ordinary hose-connection, or I place a tap or junction piece of any usual character for enabling a connection at once to be made to a pipe or branch, as may be desired.

I do not limit the application of my invention to lamps and lanterns having bodies, burners, or funnels of any particular shape, or fittings of any special type; but I employ the same essential features of a transparent barrel or cylinder containing different-colored glass or other transparent plates, which is automatically set in motion by the heat-currents

from an inner burner or light, so as to cause a reflection of a different-colored beam of light to fall upon a lens and then to be focused upon the outer advertisement screen, disk, or plate, as hereinbefore described.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is—

An advertising lantern comprising a body portion, a screen containing the advertisement, a lamp within the body, the lens interposed between the lamp and the screen, the reflector and a series of colored glasses arranged in cylindrical form and having its side revolving between the lamp and the screen and the current-wheel at the top of said cylinder, said lamp serving both as the illuminating medium and as the motive power for the colored glasses, substantially as described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

ALFRED CECIL WRIGHT.

Witnesses:

EDWARD CHARLES ROBERT MARKS,
HERBERT BOWKETT.