No. 807,941. PATENTED DEC. 19, 1905.

P. H. KORST.

ELECTRIC NOVELTY.

APPLICATION FILED MAR. 7, 1905.

Fig. 1

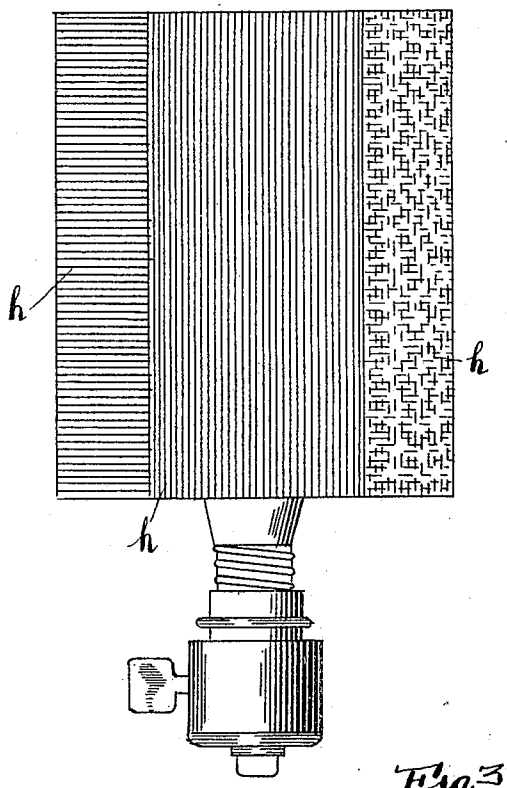


Fig. 2

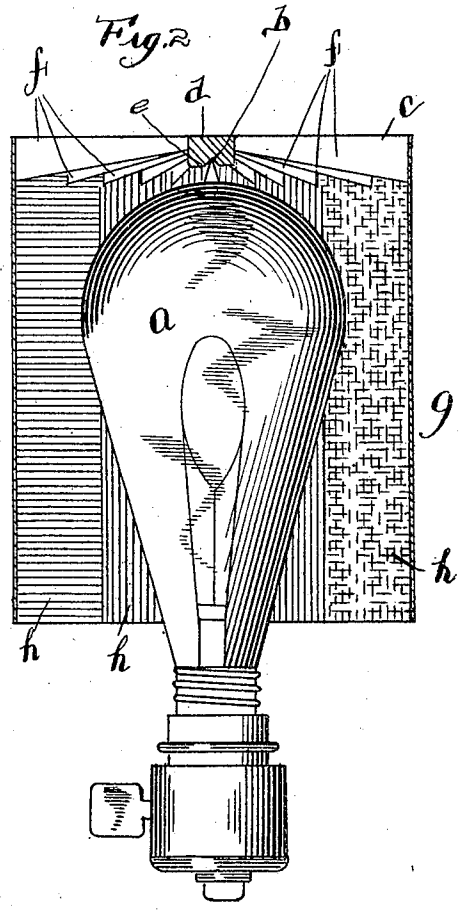
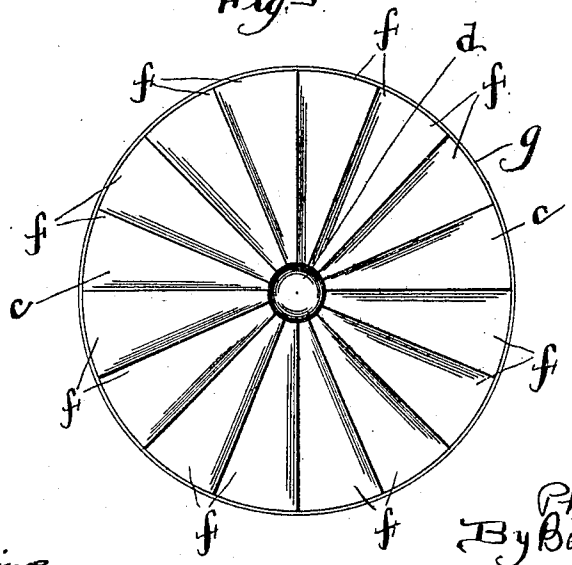


Fig. 3



Witnesses:
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UNITED STATES PATENT OFFICE.

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ELECTRIC NOVELTY.

No. 807,941. Specification of Letters Patent. Patented Dec. 19, 1905.

Application filed March 7, 1905. Serial No. 248,809.

To all whom it may concern:

Be it known that I, PHILIP H. KORST, a citizen of the United States, residing at Janesville, in the county of Rock and State of Wisconsin, have invented certain new and useful Improvements in Electric Novelties, of which the following is a specification.

The object of this invention is to produce a novelty for advertising or other similar purpose which shall be adapted for use in connection with an ordinary incandescent-electric-light bulb and shall be so constructed and mounted that it will revolve under the influence of the heat produced by the source of illumination and display a series of color panels which are presented to the eye in rapid succession by the revolution of the device, thereby producing a striking and beautiful effect, which makes the device peculiarly serviceable for advertising purposes.

The invention consists in the features of construction and combination of parts hereinafter described and claimed.

In the drawings illustrating the invention, Figure 1 is a side elevation of the device as applied to an electric-light bulb; Fig. 2, a sectional elevation of the same, and Fig. 3 a top or plan view of the same.

The device is applied to an incandescent-electric-light bulb *a*, which has at its apex the usual glass point *b*, upwardly projecting from the bulb, which point serves as a pivot for the novelty device of the present invention, which consists of an air turbine-wheel *c*, having a hub *d*, provided with a conical socket-hole *e* at its center, which serves as a bearing for the point *b* on the electric-light bulb, and the hub has radiating therefrom a series of blades *f*, which are disposed at an angle of about forty-five degrees to afford a contact-surface for the heated air arising from the light-bulb. Around the perimeter of the air turbine wheel and depending therefrom is a cylindrical screen *g*, which is preferably composed of a transparent substance, such as gelatin or celluloid, and is divided into a series of color panels *h*, the color scheme and arrangement being one to suit the individual taste of the user, since any number of colors may be employed and any suitable arrangement made.

In operation the point on the apex of the electric-light bulb, which is one of the features of all bulbs, serves as a suitable pivot or bearing for the turbine-wheel, which is balanced thereon and revolved with practically no friction, thereby requiring but a minimum of power to operate, and this power is furnished by the heated air arising from the bulb, which revolves the air turbine-wheel and brings the color panels or stripes of the transparent screen successively into view, and if the device be rapidly revolved the blending of colors will produce a startling and beautiful effect.

The device is one which may be applied to any ordinary electric-light bulb and can be instantly positioned thereon or removed therefrom without requiring any change or adjustment whatsoever of the bulb itself.

What I regard as new, and desire to procure by Letters Patent, is—

1. In a device of the class described, the combination of an electric-light bulb provided at its apex with a point, an air turbine-wheel consisting of a hub pivotally mounted on the point, and a series of angularly-disposed blades radiating therefrom, and a screen of translucent material depending from the air turbine-wheel and surrounding the electric-light bulb, said screen being colored to transmit successive colors from the electric-light bulb when the air turbine-wheel is revolved, substantially as described.

2. The combination with a bulb having a projection at one end, of a wheel bearing at the center upon said projection and having inclined blades radiating therefrom, and a light-transmitting device depending from the wheel and surrounding the bulb.

3. The combination with an incandescent-light bulb having a projection thereon, of a wheel bearing at its center upon the projection and having inclined blades radiating from the center thereof, and a light-transmitting cylinder depending from the wheel and surrounding the bulb, said cylinder being of different colors.

4. In combination with a bulb, having a nipple or tip at one end thereof, of means surrounding the bulb and supported by the tip or nipple so as to be rotated by the heat generated by the bulb.

5. In combination with a bulb provided with a nipple or tip upon one end thereof, of a hollow body surrounding the bulb, and means for supporting the hollow body by contact with the nipple or tip of the bulb adapted to rotate the hollow body by the heat generated from the bulb.

6. In combination with a bulb having a tip or nipple, of a hollow body surrounding the same and a wheel having a series of paddles or spokes carried by the hollow body and having the center thereof in engagement with the bulb so as to support the hollow body thereby.

7. In combination with a bulb having a tip or nipple, of a cylinder surrounding the same, and a wheel having a series of paddles or spokes carried by the cylinder and having the center thereof in engagement with the tip or nipple of the bulb so as to support the cylinder thereby.

8. In combination with a bulb provided with a nipple or tip upon one end thereof, of a cylinder surrounding the bulb, and means for supporting the cylinder by contact with the nipple or tip of the bulb adapted to rotate the hollow body by the heat generated from the bulb.

9. In combination with a bulb, having a nipple or tip at one end thereof, of a cylinder surrounding the bulb and supported by the tip or nipple so as to be rotated by the heat generated by the bulb.

10. In combination with a bulb provided with a nipple or tip upon one end thereof, of a hollow body forming a light-transmitting device and surrounding the bulb, and means for supporting the hollow body by contact with the nipple or tip of the bulb adapted to rotate the hollow body by the heat generated from the bulb, substantially as described.

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