

J. O. BELKNAP.

Reflectors.

No. 138,843.

Patented May 13, 1873.

Fig. 1.

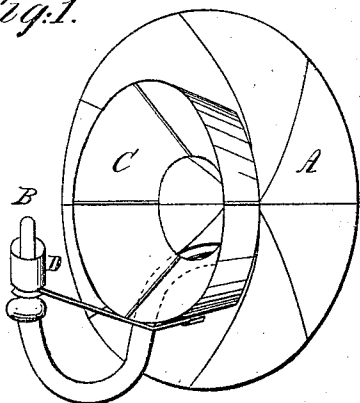


Fig. 2.

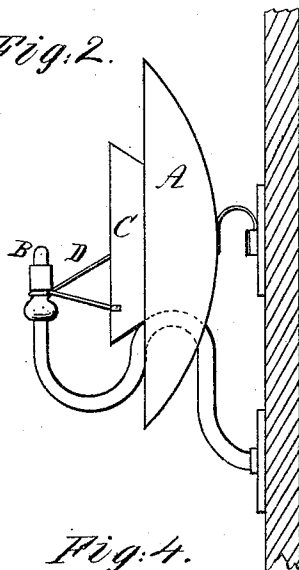


Fig. 3.

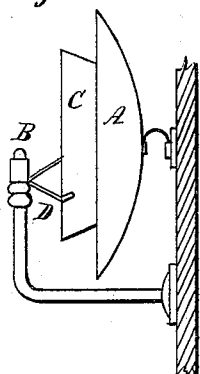
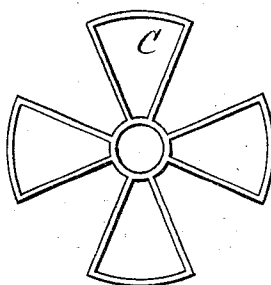


Fig. 4.



Witnesses

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JACKSON O. BELKNAP, OF MOBILE, ALABAMA.

IMPROVEMENT IN REFLECTORS.

Specification forming part of Letters Patent No. **138,843**, dated May 13, 1873; application filed April 11, 1873.

To all whom it may concern:

Be it known that I, JACKSON OGDEN BELKNAP, of Mobile, county of Mobile, State of Alabama, have invented a novel Improvement in Illumination and Reflection of Colors, entitled the "Rainbow Reflector," of which the following is a specification:

This invention has for its object the exhibition of any form of design or figure in colors upon a concave reflector by the arrangement of colored transparent cones, covered frame-work or disks of various shapes between the reflector and a gas or other light, whereby such colored designs or figures may be reflected with magnified effects.

Referring to the accompanying drawing, which forms part of this specification, Figure 1 represents a three-quarter view of my device complete; Fig. 2, a side elevation, showing pipe as passing through the reflector; Fig. 3, a like elevation, showing the pipe below the reflector; and Fig. 4, a front view of cone or disk.

Corresponding letters of reference indicate like parts in all the figures.

A represents the reflector; B, the gas-burner or lamp; C, the cone or disk in one form; and D, the metallic cone or disk holder or attachment.

The reflector may be varied in form to suit circumstances or desire. The frame-work, cones, or disks, can be made of mica, stained glass, gelatine-board, or any other transparent material, in one color or in sections, rings, bands, and various-shaped figures of many colors, or painted in transparent colors. The largest end of the cone or disk C is placed next to the light, in a horizontal position, with the small end near or touching the reflector, so that the light from the burner will shine through the center and sides of the same, displaying corresponding designs and

colors to those upon the cone or disks, and which will be reflected back to the eye of the beholder, thus exhibiting a great variety of forms and colors of great brilliancy. The cone or disk may be attached to the reflector instead of the burner, when desirable, preserving its position, as described.

A series of colored disks or forms of colored transparent material may be arranged upon arms and revolved around the light by means of clock-work, heated air, or otherwise, thus presenting a succession of colored forms, alternately, between the reflector and light. The cone C may also be made to revolve in its horizontal position, as shown.

This invention pertains also to reflectors of various kinds suspended overhead to ceilings, &c. In such cases an opening must be in the center of the reflector to allow the escape of smoke and heat.

The device of the colored cone, frame-work, or disk may also be used to throw colors through a glass dome.

Claims.

Having thus described my invention, what I claim as novel, and desire to secure by Letters Patent, is—

1. The combination and arrangement of reflector A, burner or lamp B, and cone or disk C of colored plates and figures, either stationary or movable, attached to either burner or reflector, substantially as and for the purpose set forth.

2. The arrangement of the stationary or movable colored cone or disk C entirely between the reflector and burner B, substantially as and for the purpose set forth.

J. O. BELKNAP.

Witnesses:

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