

C. COLLIER.
Reflector and Globe.

No. 109,589.

Patented Nov. 29, 1870.

Fig. 1.

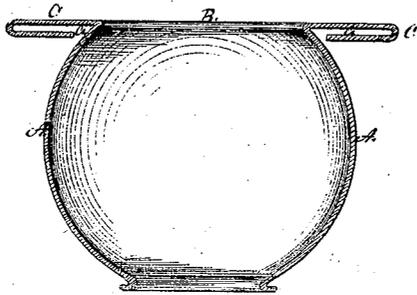
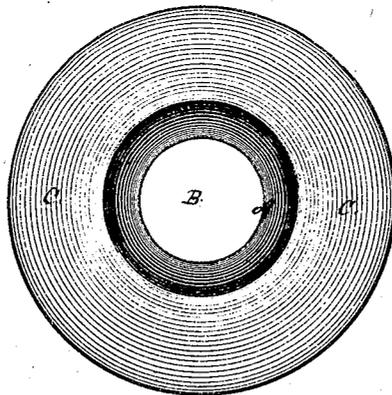


Fig. 2.



Witnesses.

Chas. H. Poole
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Inventor.

Charles Collier
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United States Patent Office.

CHARLES COLLIER, OF SELMA, ALABAMA.

Letters Patent No. 109,589, dated November 29, 1870.

IMPROVEMENT IN GLOBES FOR GAS-LIGHTS.

The Schedule referred to in these Letters Patent and making part of the same.

I, CHARLES COLLIER, of Selma, in the county of Dallas and State of Alabama, have invented certain Improvements in Glass Globes, Reflectors for Gas-Lights, of which the following is a specification.

Figure 1 represents a section through the globe, showing a sectional edge view of the reflector on its upper top edge.

Figure 2 shows a top view of the reflector.

My invention consists in the construction of glass globes for gas-lights, with the upper edge turned outward in a plane with the level of the opening in the top, and parallel with its base, the same forming a double-plate flange, between which plates the silvering is secured so as to be protected from injury by rubbing or exposure.

To enable others to make my improved globe and reflector I will describe it more in detail.

A is a glass globe, of any desired size or pattern.

From the opening B in the top the glass is turned

outward on a plane with the opening a sufficient distance to form a reflector, C C.

The outer edge of the rim is then turned and brought under to near the top of the globe A, making the flange C C double, leaving a narrow space, *a*, between the plates of glass, in which to secure the silvering, and so protect it that it cannot easily be scratched or defaced by handling or otherwise. A superior or more durable reflector cannot yet be produced.

What I claim as my invention is—

The construction of globes for gas-lights, with the upper portion turned outward and formed into a horizontal flange or ring, the same being made double for securing the silvering between the plates for a reflector, substantially as herein shown and described.

CHARLES COLLIER.

Witnesses:

R. T. COVERDALE,

N. H. R. DAWSON.