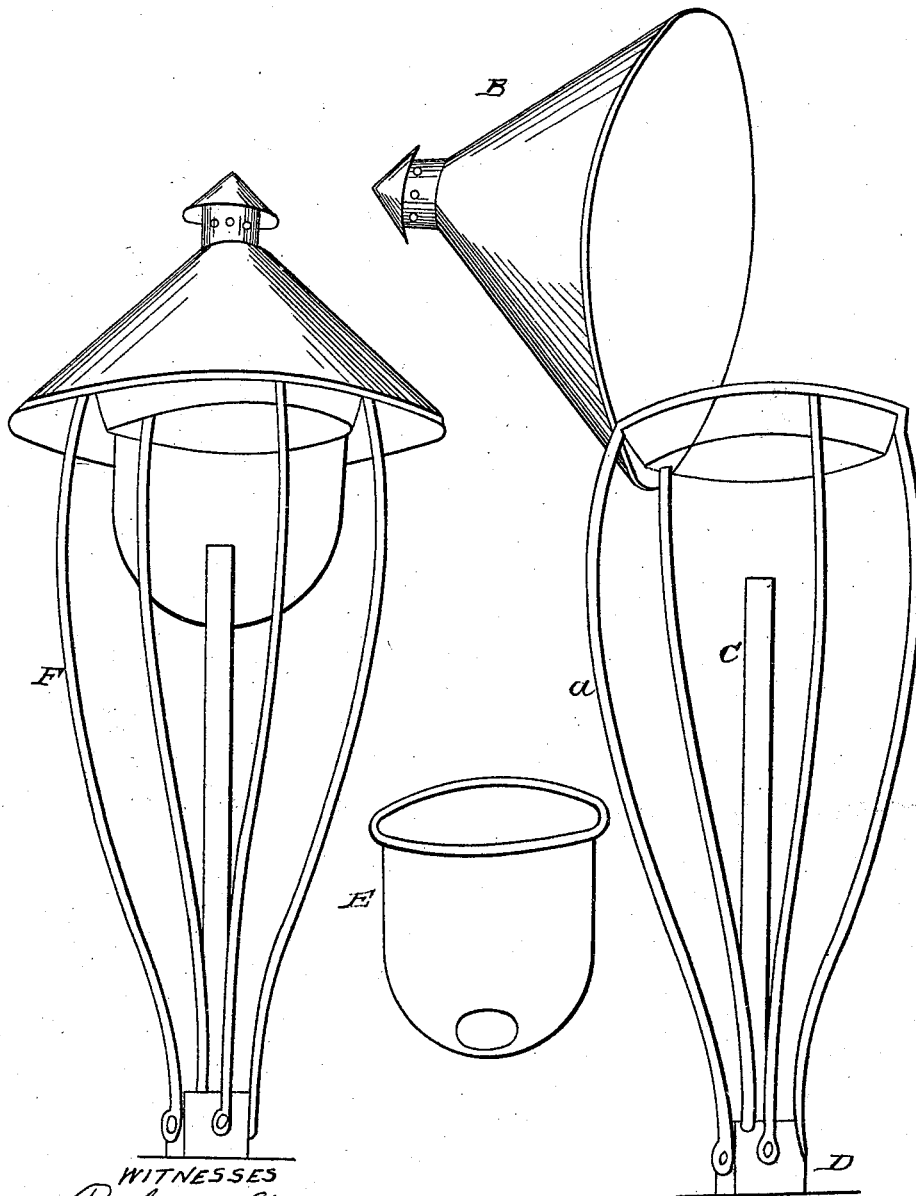


J. G. MINER.

Street Lamp.

No. 55,143.

Patented May 29, 1866.



WITNESSES

Robert Garke
D. Falconer

INVENTOR

Jacob G. Miner

UNITED STATES PATENT OFFICE

JACOB G. MINER, OF MORRISANIA, NEW YORK.

IMPROVED STREET-LAMP.

Specification forming part of Letters Patent No. 55,143, dated May 29, 1866.

To all whom it may concern:

Be it known that I, JACOB G. MINER, of Morrisania, in the county of Westchester and State of New York, have invented an Improved Stationary Street-Lamp; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

The nature of my invention consists in the employment of a cylindrical-shaped glass of larger diameter at its top and shaping at its bottom in the form of a cone, with an opening of sufficient size for the admission of a gas-burner, said cylinder being supported in a suitable frame at its top and having combined therewith a lid projecting over said cylinder and frame, with a ventilator at its top, said top answering the purpose of a deflector.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I construct my lamp by having a rim made and supported by metallic rods secured to the lamp-post in the ordinary way. I have the glass cylinder or globe made to fit the inside of said rim, said rim supporting the glass cylinder or globe by a flange on the upper part of the same.

A represents the metallic frame and rim to support the cylinder or globe. B represents the lid attached to A by hinges. C represents the gas pipe and burner. D represents the lamp as attached to the lamp-post. E repre-

sents the glass cylinder or globe, which is made to fit the inside of the rim of frame A. F represents the lamp complete as attached to lamp-post.

The advantages of this lamp are:

First, this lamp will give more light on the street, as the lid, being constructed of metal and overhanging, prevents the light from escaping upward, and must necessarily give more light on the street.

Second, this lamp will not cost as much as an ordinary street-lamp.

Third, the expense of keeping this lamp in repair cannot be so great as an ordinary street-lamp.

Fourth, this lamp is not as liable to be broken as an ordinary street-lamp, for the reason that there is not as much glass exposed.

Fifth, when the glass in this lamp is broken it is not necessary, as in ordinary street-lamps, to carry the lamp to a glazier, but instead, all that is necessary is to lift the lid and slip a cylinder or globe in its place.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A cylinder or its equivalent when sustained substantially as described.

2. The combination of cylinder-frame and lid for the purpose set forth.

JACOB G. MINER.

In presence of—

CHAUNCEY SMITH,
JOHN L. BURNETT.