

O. L. GRIDLEY & C. ENGELSKIRCHEN.

Improvement in Lanterns.

No. 116,177

Fig. 1.

Patented June 20, 1871.

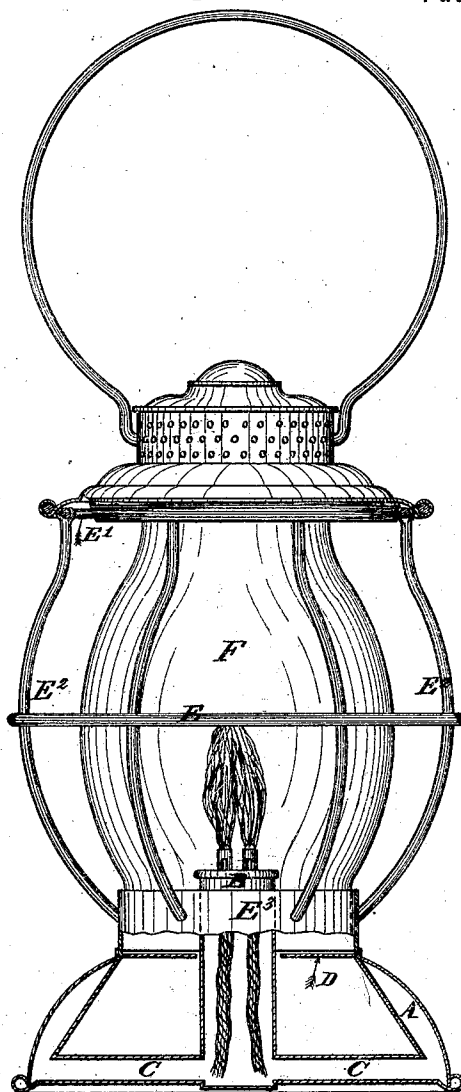
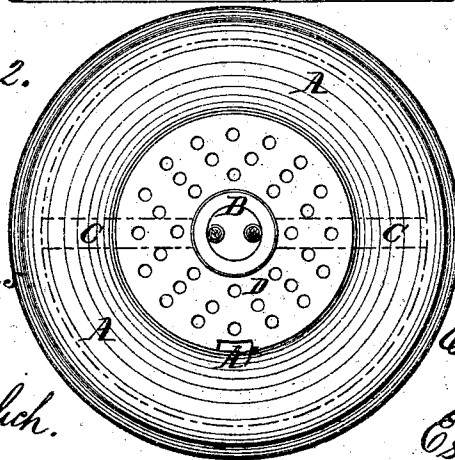


Fig. 2.



Witnesses:

H. W. Dopp.

Charles Bräunlich.

Inventor:

O. L. Gridley.

C. Engelskirchen.

UNITED STATES PATENT OFFICE.

ORRIN L. GRIDLEY AND CARL ENGELSKERCHEN, OF BUFFALO, NEW YORK;
SAID ENGELSKERCHEN ASSIGNS HIS RIGHT TO SAID GRIDLEY.

IMPROVEMENT IN LANTERNS.

Specification forming part of Letters Patent No. 116,177, dated June 20, 1871.

To all whom it may concern:

Be it known that we, ORRIN L. GRIDLEY and CARL ENGELSKERCHEN, of the city of Buffalo, county of Erie, in the State of New York, have invented certain Improvements in Lanterns, of which the following is a specification:

The nature of our invention consists in providing the inner portion of oil-pot A surrounding the burner B with a transparent perforated disk of mica or glass for the purpose of preventing the burner from blowing out whenever the lantern should be used in the open air, and to obviate the obstruction of light.

We refer to the drawing, which makes part of this specification.

Figure 1 represents the lantern provided with a lard-oil burner, portions of the top of lantern being cut out so as to expose the ends of two of the vertical wires E², shaped to a fork, and secured to ring E¹ of wire guard E, as plainly seen. The top of lantern is secured to ring E¹ by means of a hinge and spring-catch, as usual. The base and oil-pot A and

burner B of lantern are also represented in a sectional cut so as to show conducting-tubes C C and protecting transparent disk D. The base and oil-pot are secured to the wire guard E by means of a hinge and spring-catch, which catch is secured to the inside of lower band E³ of wire guard E, and it locks onto the oil-pot A¹, shown in Fig. 2. Fig. 2 is a plan view of the base or oil-pot A, with burner B and protecting-disk D. The oil-pot is to be filled by unscrewing the burner B and then filling through the burner-tube.

Having thus fully described our invention, what we desire to secure by Letters Patent is—

In combination with A and B, the transparent protecting-disk D, for the use and purpose specified.

ORRIN L. GRIDLEY.
CARL ENGELSKERCHEN.

Witnesses:

H. WM. DOPP,
CHARLES BRÄUNLEH.