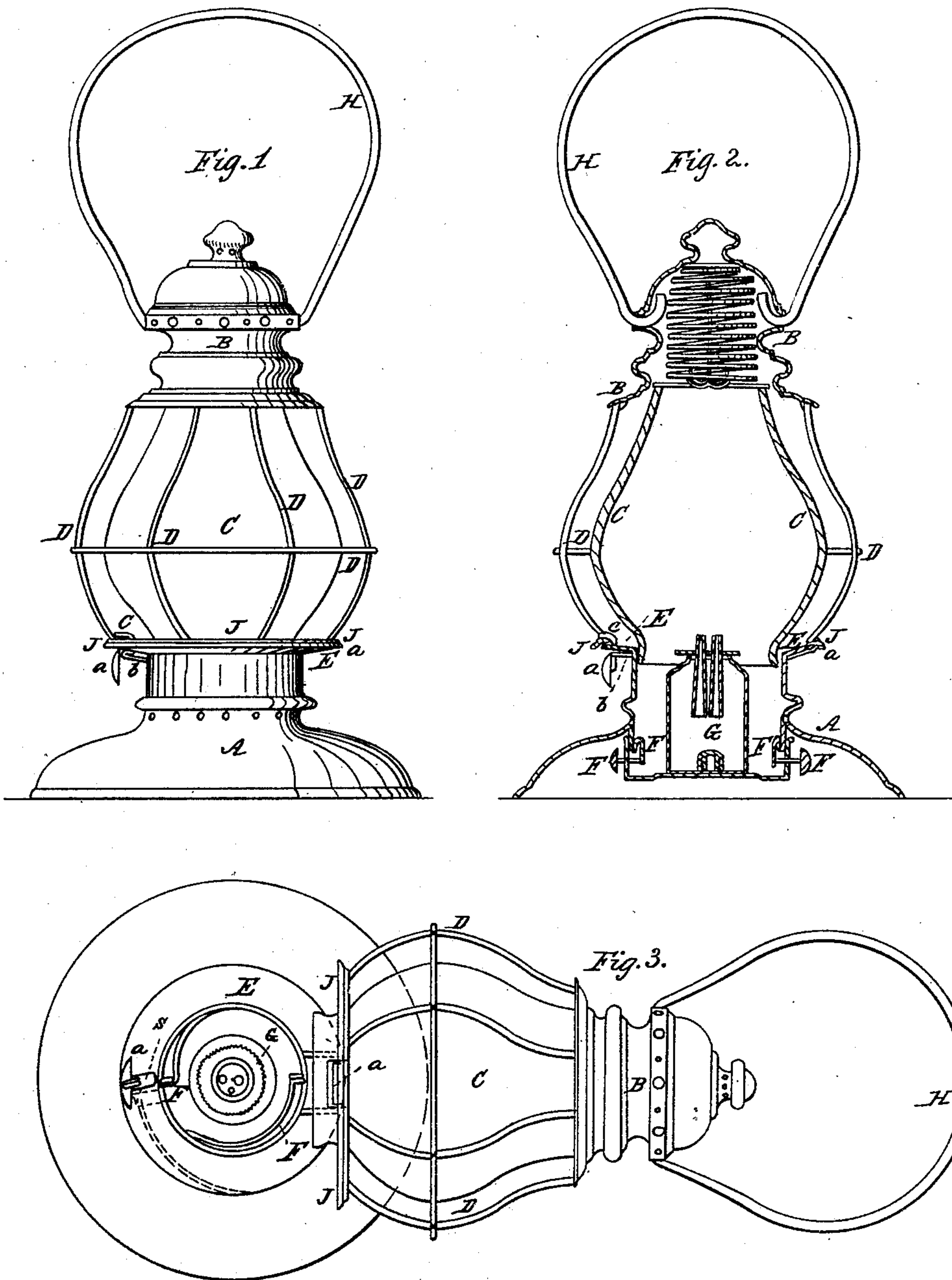


J. H. IRWIN.

Lantern.

No. 57,914.

Patented Sept. 11, 1866.



Witnesses:  
L. L. C. Burn  
A. H. H. H. H.

Inventor:  
John H. Irwin

# UNITED STATES PATENT OFFICE.

JOHN H. IRWIN, OF CHICAGO, ILLINOIS.

## IMPROVEMENT IN LANTERNS.

Specification forming part of Letters Patent No. 57,914, dated September 11, 1866.

*To all whom it may concern:*

Be it known that I, JOHN H. IRWIN, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Lanterns; and I do hereby declare and make known that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings and the letters and figures marked thereon, which form part of this specification.

My invention consists in attaching the guard of a lantern, or that part inclosing the glass globe or protector thereof, to the bottom of the lantern, or that part containing the lamp, by a hinge upon one side and a suitable spring-catch, or its equivalent, upon the other side, so that the aforesaid glass globe may be removed and replaced, when desired, in a simple, cheap, and convenient manner, as hereinafter more fully set forth.

To enable those skilled in the art to understand how to construct and use my invention, I will now proceed to describe the same with particularity, making reference in so doing to the aforesaid drawings, in which—

Figure 1 represents a side elevation of my invention. Fig. 2 is a vertical central section thereof; and Fig. 3 is a plan or top view of the same, the guard being opened from the bottom for the purpose of removing or replacing the glass globe.

Similar letters of reference in the several figures indicate the same parts of my invention.

A represents the lantern-bottom, in which

the lamp G is removably arranged, being held therein by means of the spring-catches F. Upon the top of the case A is fixed the annular plate E, upon which the annular flange J upon the lower end of the guard D rests, and over which it projects, as shown. The said flange J is hinged to the plate E, or its equivalent, at *a*, and opens upon said hinge, as shown in Fig. 3, the opposite edges of the said flange and plate being held together by the spring-catch *b c, d* representing a thumb-piece, whereby the catch *c* is forced back in the slot *s* in the plate E to allow the guard to open, while the spring *b* holds the catch over the flange at other times, securing the guard to the bottom of the lantern.

The upper end of the globe C rests upon a plate attached to a spring, S, whose adjustability enables globes of different sizes to be used in the same lantern.

Having described the construction and operation of my invention, I will now proceed to specify what I claim and desire to secure by Letters Patent.

I claim—

Hanging the guard of a lantern to the bottom casing thereof and securing the parts together opposite the hinge by means of a catch or its equivalent, substantially as herein specified and shown.

JOHN H. IRWIN.

Witnesses:

L. L. COBURN,  
I. N. HERTHEL.