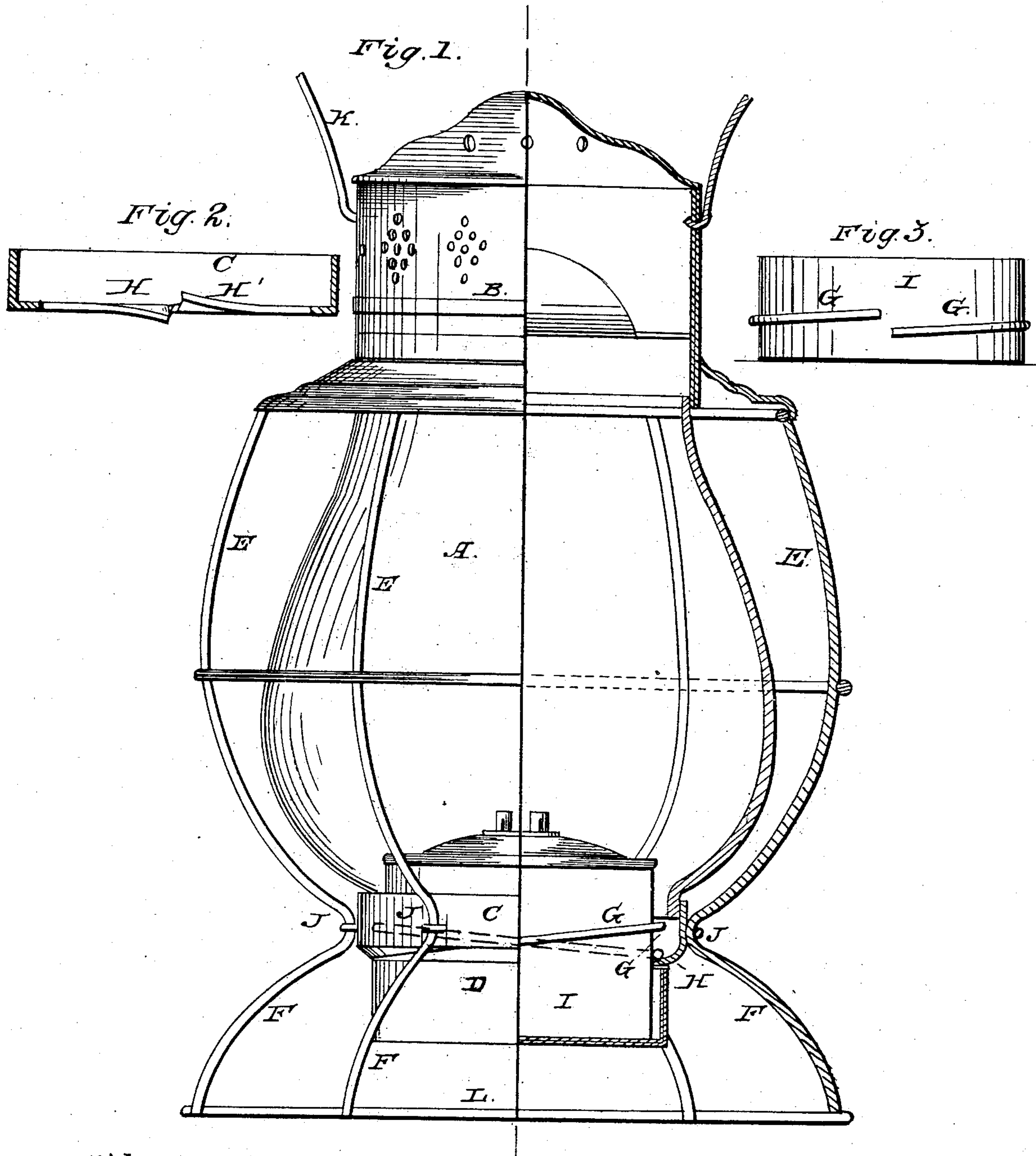


W. WESTLAKE.

Lantern.

No. 76,366.

Patented April 7, 1868.



witnesses.

E. A. West
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William Westlake
by L. L. Bond
his atty

United States Patent Office

WILLIAM WESTLAKE, OF BROOKLYN, NEW YORK.

Letters Patent No. 76,366, dated April 7, 1868.

IMPROVEMENT IN LANTERNS.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, WILLIAM WESTLAKE, of the city of Brooklyn, county of Kings, State of New York, have invented certain new and useful Improvements in Lanterns; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings making a part of this specification, in which—

Figure 1 represents the lantern with a vertical fourth removed.

Figure 2, a vertical section of the lower guard; and

Figure 3, a side view of the oil-pot.

The nature and object of my invention consist in constructing a lantern with an open or wire base, so as to prevent shading the ground beneath the lantern; in connecting the guard and base to the same band; in a novel mode of connecting the lamp to the lantern, and in making the guard and base of the lantern the same vertical wires.

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

A represents the globe, which only differs from ordinary globes in being more contracted at the base. Ordinary globes, however, may be used. B represents a dome or cap, of any desired construction, and is provided with the usual bail, K. The guard E is attached to the dome by any well-known method. The vertical rods are carried down and curved, so as to come in contact with the band C, to which band they are connected by eyes, J, or by any other suitable fastening. From the band C they are again curved and carried out sufficiently far to form a suitable base for the support of the lantern, and connected with or attached to the ring or band L, thereby forming a base for the lantern which will not obstruct the light. The band C is made quite narrow, and its lower edge turned inward, so as to form a ledge for the support of the lamp. This ledge is cut, as shown at H and H', in fig. 2, so as to permit of the insertion of the lamp, which is supported on such ledge by means of the spiral beads G, which are attached to the oil-pot I, as shown in fig. 3.

The lamp is constructed in any suitable form, and provided with a dripping-cup, D, which presses against the band C, and holds it firmly in place in connection with the beads G. Lamp may, however, be held in place by the use of springs or lugs.

It will be obvious that the wires forming the guard and base of the lantern may be cut at the band C, so that each part will be separately connected to said band; but I prefer making them of single pieces, as shown, for the reason that they will make a stronger lantern with less expense.

Its operation will be apparent from the description. It will be seen, however, that by making the band C small in diameter, contracting the base of the globe, and using a small or contracted lamp, the lantern will cast but a slight shadow beneath it when in use, and that it is cheap and durable in construction, and simple in use or operation.

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

1. Constructing the base or support of a lantern entirely of wire, or open, so as not to materially obstruct the passage of the light downwards, substantially as specified.
2. Connecting the open or wire base F L and the guard to the band C, substantially as specified.
3. The ledge H H', bead or wire G, in combination with the band C and lamp I, substantially as and for the purposes specified.
4. The eyes or loops J, for securing the guard and base to the band C, substantially as specified.
5. Making the vertical guard-wires E and the base-wires F of the same piece of wire, substantially as specified.

WILLIAM WESTLAKE.

Witnesses:

L. L. BOND,

E. A. WEST.