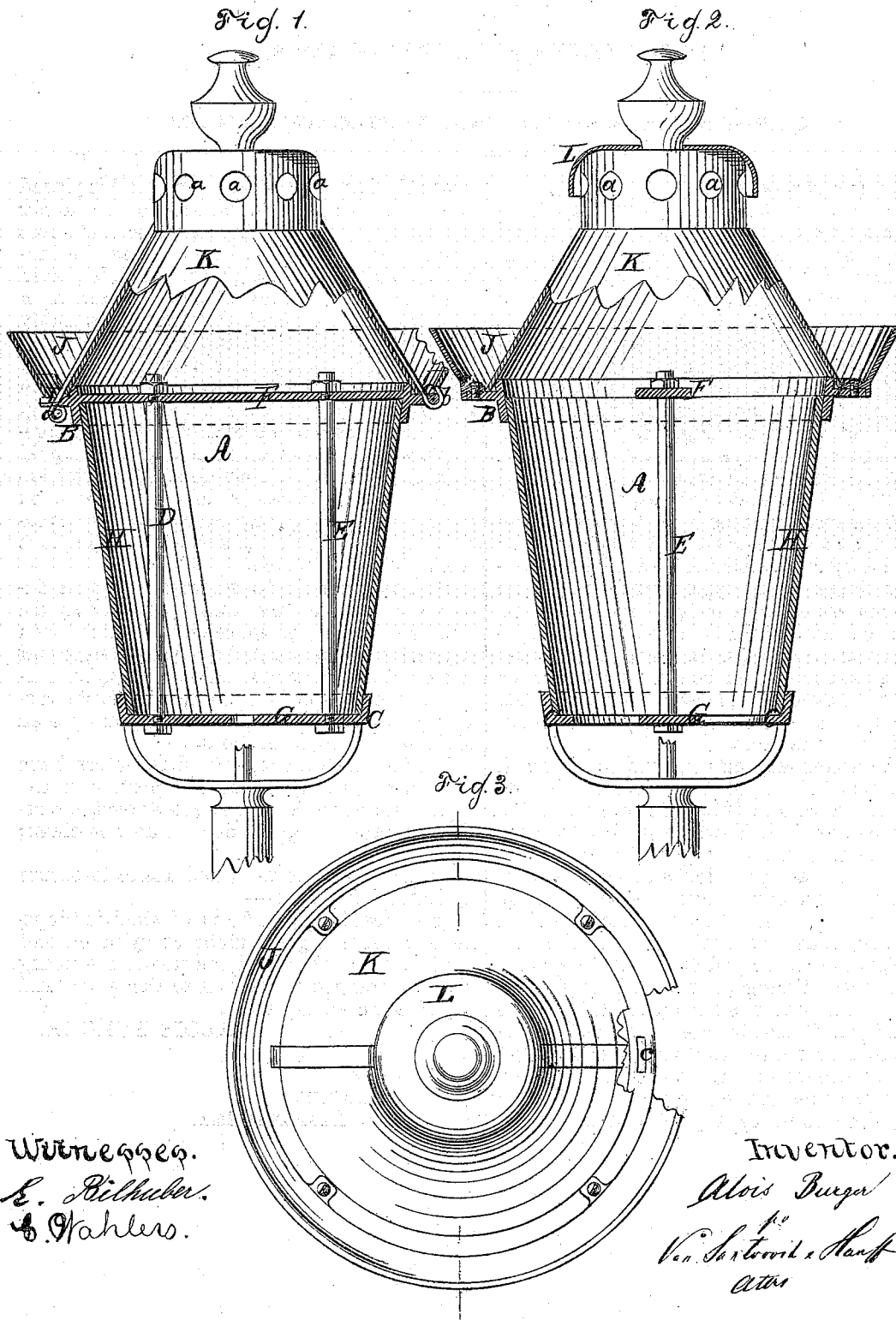


A. BURGER.
Street-Lamp.

No. 126,783.

Patented May 14, 1872.



Witnesses.
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UNITED STATES PATENT OFFICE.

ALOIS BURGER, OF NEW YORK, N. Y.

IMPROVEMENT IN STREET-LAMPS.

Specification forming part of Letters Patent No. 126,783, dated May 14, 1872.

To all whom it may concern:

Be it known that I, ALOIS BURGER, of the city, county, and State of New York, have invented a new and useful Improvement in Street-Lanterns; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 represents a central vertical section of this invention. Fig. 2 is a similar section taken in the line *x x*, Fig. 3. Fig. 3 is a plan or top view of the same.

Similar letters indicate corresponding parts.

This invention relates to that class of lanterns which are constructed with a glass globe or cylinder; and consists in attaching to a projecting flange on the upper part of the frame of the lantern an outwardly-flaring ring or reflecting-surface, which is placed in such a position on the frame that the rays of the flame strike and are reflected from the surface of the same, and any matter placed on said ring, such as the name of a street or house, will be plainly visible on the same.

In the accompanying drawing, the letter A designates a lantern, the frame of which is composed of two collars, B C, which are connected by means of rods D E, which are placed inside of the lantern, and which pass through cross-bars F G, and are provided with set-screws, so that the lantern can be taken apart at pleasure. Between these collars is placed the glass globe or cylinder H, which is made in the form of an inverted truncated cone. On the collar B is formed a flange, I, to which is secured by any suitable means a ring, J, which tapers outwardly sufficient to receive the rays of the flame, and to reflect the same, so that the names of streets or any other words, characters, or pictures placed on said ring will be plainly discernible to a person standing be-

neath the lantern. Over the collar B is placed the cap K, which is perforated on its upper end with a number of holes, *a a*, so that a free circulation of air is produced within the lantern. L is a screen or guard, which is placed over the cap K to prevent snow or rain from entering the holes, and which may be suitably ornamented to improve the appearance of the lantern. To the cap K is secured a strip of metal, which is bent at its lower end to form a hook, *b*, which catches in a slot, *c*, (see Fig. 3,) in the flange I, thus forming a secure hinge-joint, which allows of removing the cap K from the lantern without detaching any part of the joint. The cap is kept in position on the lantern by a spring-catch, *d*, which catches over the flange I and keeps the cap in place until forcibly removed.

It has been difficult, in lanterns of this description, to find the means of placing the names of a street or house on the same in such a position that it would be plainly visible and not mar its appearance. This difficulty is overcome by my invention, as any word or characters placed on the ring J can be plainly seen from beneath it at all times.

I am aware that signs and reflectors have been arranged upon the top portion of the square frame-work of a street-lantern, for reflecting rays of light. Such I do not claim; but

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

In a street-lamp, the frame of which is adapted to receive a glass globe or cylinder, and constructed as described, the outwardly-flaring ring J, arranged in relation to the globe and cap K as herein set forth.

ALOIS BURGER.

Witnesses:

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