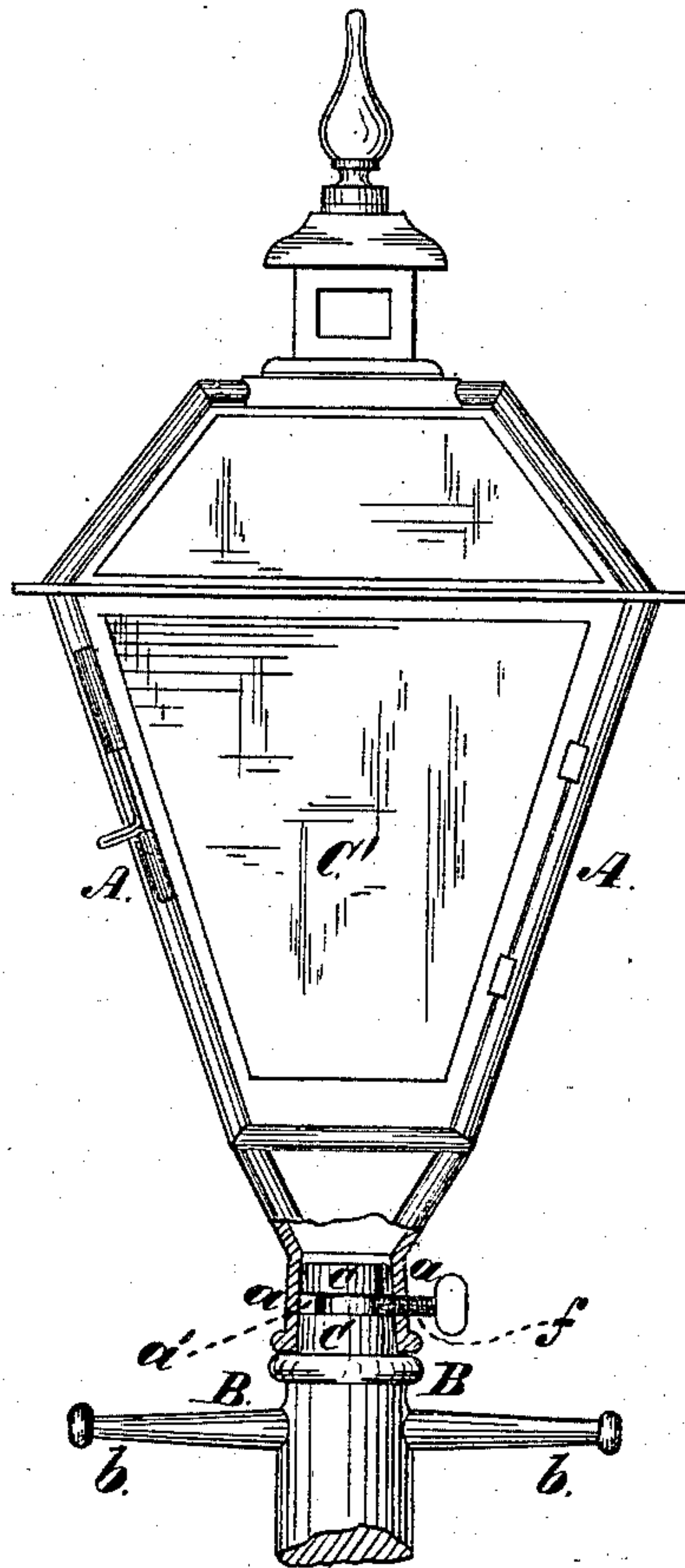


R. E. DIETZ.  
Street-Lantern.

No. 217,517.

Patented July 15, 1879.



*Witnesses:*  
*Henry Cichling*  
*H. Wells Jr*

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*Atty*

# UNITED STATES PATENT OFFICE

ROBERT E. DIETZ, OF NEW YORK, N. Y.

## IMPROVEMENT IN STREET-LANTERNS.

Specification forming part of Letters Patent No. **217,517**, dated July 15, 1879; application filed February 5, 1879.

*To all whom it may concern:*

Be it known that I, ROBERT E. DIETZ, of the city, county, and State of New York, have invented an Improvement in Street-Lanterns, of which the following is a specification.

The ordinary street-lantern, stationary upon its post, is open to the objection that when the door is opened to permit the lighting of the lantern, the wind, if its direction be such as to blow into said door to a greater or less degree, renders the lighting of the lamp extremely difficult. It has been sought to obviate this by providing the lantern with two doors upon opposite sides thereof, in order that one or the other could be opened, according to the direction of the wind; but this plan, besides adding materially to the cost of the lantern, has proved for the most part of little utility.

My invention is designed to obviate the difficulty just set forth; and to this end it consists in a street or stationary lantern constructed with a door and with a socket and retaining-screw, combined with a circumferentially-grooved supporting-boss in such a manner that the lantern, while securely retained upon the said boss, may be axially turned as will, to bring the door away from the impact or entrance of the wind when the door is opened to afford access to the burner of the lantern in lighting the same.

The drawing is a side and partial sectional view of a street-lantern embracing my said invention.

A is the lantern, which may be of any ordinary or suitable construction. At the bottom or base of said lantern is a socket, *a*.

B is the upper part of an ordinary lamp-post, which may, when the post is of cast-iron, be formed in one piece therewith, but

which, if the post is of wood or is made of wrought-iron strips, should be formed of a suitable casting adapted to be attached by any suitable means to the upper end of the post itself. Provided to the part B are the usual horizontal arms *b*, upon which rests ordinarily, in lighting the lamp of the lantern, the upper end of the lamp-lighter's ladder. Formed on this part B is a slightly-tapering but otherwise cylindric boss, C, which fits into the socket *a*. Formed circumferentially in this boss C is a groove, *a'*. A set-screw, *f*, screwed through one side of the socket *a*, has its end projecting into the groove *a'* in such manner as to prevent the vertical displacement of the socket from the boss, and yet permit the free rotation, when required, of said boss, so that the lantern itself may be readily turned to bring its side having the door C' away from the wind.

When it is desired to insure the retention of the sides of the lantern in any special position with reference to the vertical plane of the arms of the post, suitable stops may be provided on the socket *a* and boss C, which stops, when brought in contact, will hold the lantern in position.

What I claim as my invention is—

The lantern A, having the door C', and constructed with the socket *a* and screw *f*, in combination with the circumferentially-grooved boss C, whereby provision is made for axially turning the lantern to bring the door away from the wind in lighting, all substantially as herein set forth.

ROBERT E. DIETZ.

Witnesses:

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