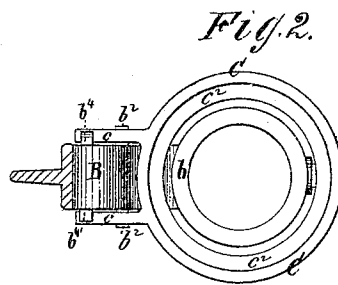
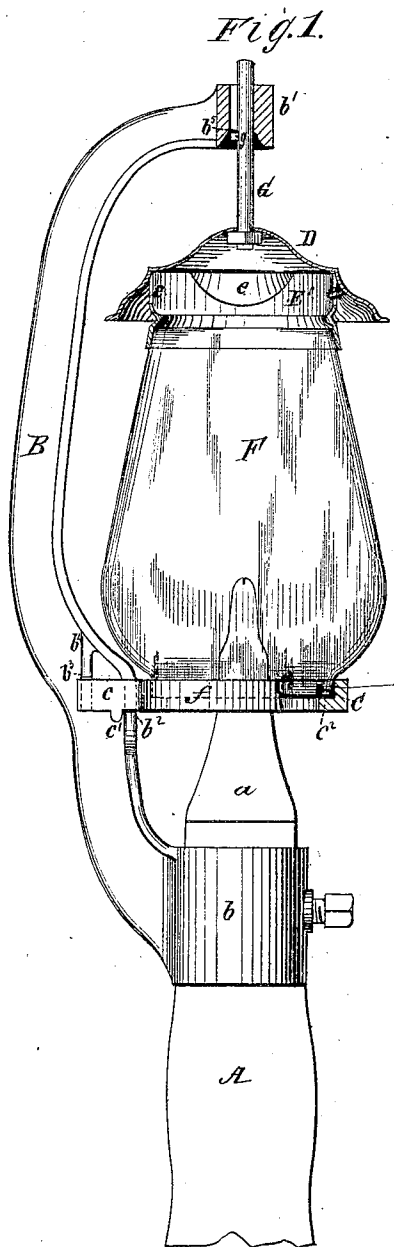


J. S. HAGERTY.

Street-Lamps.

No. 142,693.

Patented September 9, 1873.



Witnesses:
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UNITED STATES PATENT OFFICE.

JAMES S. HAGERTY, OF BALTIMORE, MARYLAND.

IMPROVEMENT IN STREET-LAMPS.

Specification forming part of Letters Patent No. 142,693, dated September 9, 1873; application filed August 15, 1873.

To all whom it may concern:

Be it known that I, JAMES S. HAGERTY, of Baltimore city, State of Maryland, have invented a new and Improved Street-Lamp; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification, in which—

Figure 1 is a sectional elevation partly broken out. Fig. 2 is a horizontal section.

The invention relates to means for securing the glass cover to lamps, and particularly street-lamps, so that it may be comparatively inexpensive, securely held, and easily detached.

The invention will first be fully described, in connection with all that is necessary to a full understanding thereof, and then clearly pointed out in the claims.

A is the post, from which there upwardly projects a cylindrical tube or burner, *a*, upon which fits the socket *b* of the holder B. The holder B also has a grooved socket, *b*¹, placed directly over the burner, the shoulders *b*² *b*², and other reversed shoulders *b*³ *b*³ on flanges *b*⁴ *b*⁴. On the former shoulders, and under the latter, are inserted the arms *c* *c*, having the subjacent stops *c*¹ *c*¹ of the circular seat C. On the annular inner flange *c*² of this seat rests the glass. D is the cap, which is to close over the top of glass to prevent it from tipping, and hold it steadily in position. This cap has a dome-shaped concavity on its under side, and a pendent flange, E, with a series of holes, *e*, in its upper edge. This flange may also possess an annular corrugation to strengthen it, and of sufficient circumference to fit snugly around the upwardly-tapering top of glass F. On the top of cap D is a fixed or detachable rod, G, which has, at right angles thereto, a lateral stud, *g*, that fits in the groove of socket *b*¹.

The application is as follows: The seat C is locked to the holder B by being held in an oblique plane in front of the holder, and pushed forward until the stops *c*¹ *c*¹ have passed the shoulders *b*² *b*², when it is permitted to assume a horizontal position. The ring-flange *f*, on the lower end of glass, is then placed within the ring C, and on its inner annular flange *c*², the cap D, which ordinarily depends from the socket *b*¹, by the lateral stud *g* that overlaps the top thereof, being turned until this stud comes to the groove, when the cap is let down upon the glass. By now turning the cap the stud *g* is brought against an inclined cam surface, *b*⁵, near the bottom of socket. This effectually fastens the glass down to its seat, so that it is deprived of all play when shaken or jarred. It will thus be perceived that I have a street-lamp supported by one upright only, whereby less obstruction is offered to the transmission of light, while economy in expense is also secured.

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

1. The shoulders *b*² and reversely-shouldered flanges *b*⁴ *b*⁴ combined with the arms *c* *c* to hold the seat C to the holder B, in the manner described.

2. A lamp-seat, C, having the subjacent stops *c*¹ *c*¹ combined with a holder, B, having the shoulders *b*² *b*² and flanges *b*⁴ *b*⁴, as and for the purpose described.

3. The grooved subjacently-concaved and curved holder-socket *b*¹ combined with the sliding cap-rod G having the side stud *g*, as and for the purpose described.

JAS. S. HAGERTY.

Witnesses:

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