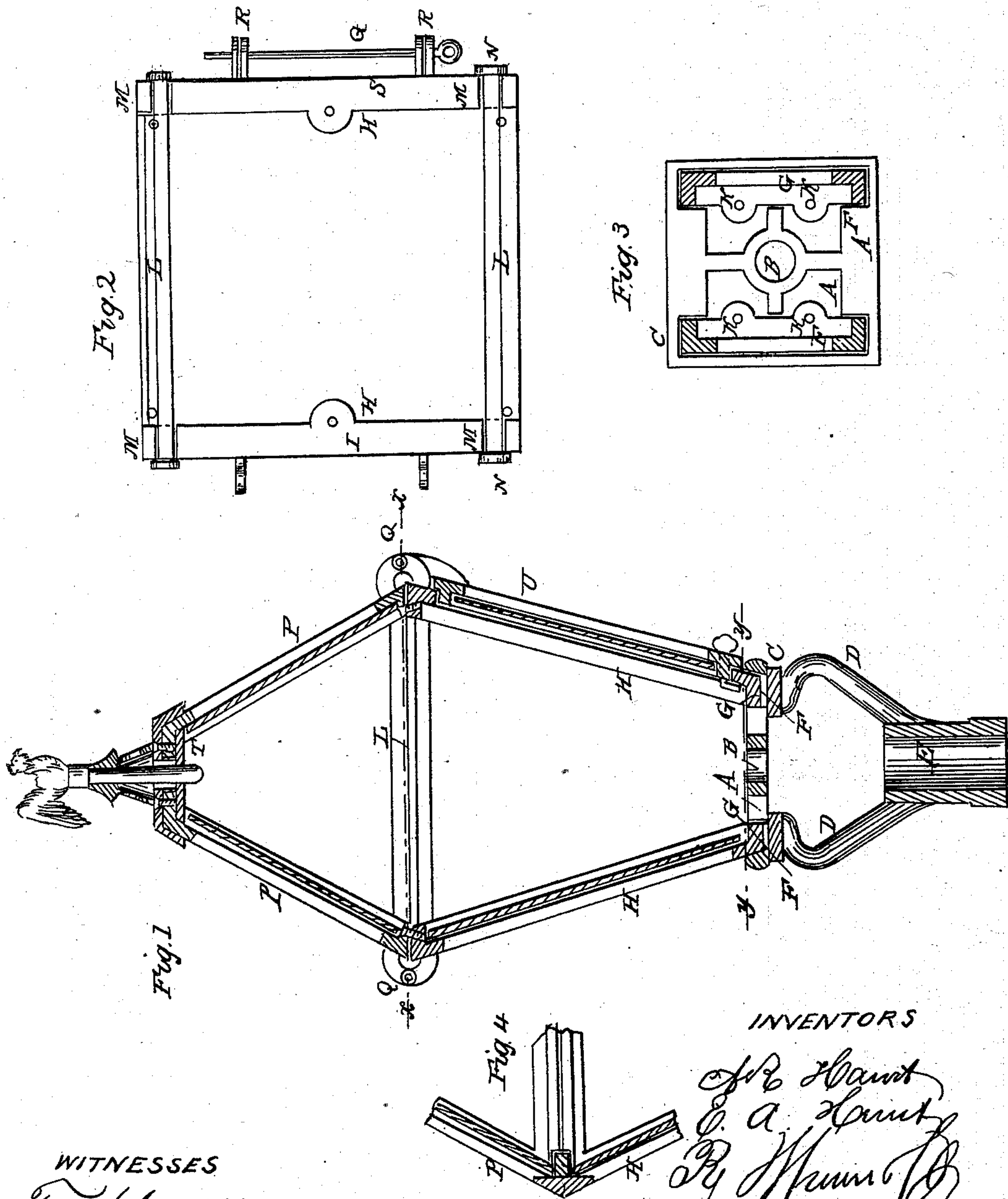


A. R. & E. A. HUNT.

Street Lamp.

No. 60,377.

Patented Dec. 11, 1866.



WITNESSES
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Geo Tusch

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IMPROVEMENT IN STREET LANTERNS.

A. R. AND E. A. HUNT, OF NEWARK, NEW JERSEY.

Letters Patent No. 60,377, dated December 11, 1866.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that we, A. R. HUNT and E. A. HUNT, of Newark, in the county of Essex, and State of New Jersey, have invented a new and useful Improvement in Street Lanterns; and we do hereby declare that the following is 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 drawings forming part of this specification.

The present invention consists in forming the supporting frame of a street lantern for the glass, of cast iron, and in such a manner that the several parts of the same can be either secured together or taken apart in a most expeditious manner, and when together be sufficiently firm and strong for all practical purposes.

In accompanying plate of drawings—

Figure 1 is a central vertical section through a street lantern, made according to the present invention.

Figure 2, a transverse horizontal section, taken in the plane of the line *x x*, fig. 1.

Figure 3, a transverse horizontal section, taken in the plane of the line *y y*, fig. 1; and,

Figure 4, a detail view, to be hereinafter referred to.

Similar letters of reference indicate corresponding parts.

A, in the drawings, represents the supporting base-plate for the side frames of the street lantern. This base-plate has an opening, B, to allow it to be set over the gas-burner, and from each of its four corners, C, extend, downward, similar curved or bent arms, D, that, at their lower ends, are secured to a common collar or ferrule or sleeve, E, concentric with the opening B, hereinabove referred to, which sleeve, E, fits over the top of the post or other support for the lantern. Across the base-plate A extend two parallel grooves or ways, F, along the opposite edges of the plate, in which grooves or ways fit, and are placed the lower bars, G, of the two side frames, H, of the street lantern. These side frames are made of cast-iron, and with a greater space or width between the upper ends of their side bars, G, than at the lower ends of the same, and with a cross-bar, I, across their upper ends, from one side bar, G, to the other. The several bars of the frames, H, along their entire length are right angular or cornered-shape, so as to receive the glasses which are to constitute or form the sides of the lantern; the glasses being secured to the said frames by means of the common putty, or in any other suitable manner. When the two side frames H have been placed in position upon the base-plates, they are there secured by set-screws, K, or in any other proper manner, and between their upper ends, from one side frame to the other, bars, L, extend, forming the upper ends of the remaining sides of the lantern. These bars, L, fit in recesses or notches, M, of the upper cross-bars, I, of the lantern frame, and have head or cap-pieces, N, upon their outer ends, which hold them in place, and in connection with their shoulders, O, retain and support the whole side frame-work of the lantern in its proper position and at the requisite distances apart. These side frames, H, are surmounted by a top-frame, P, that is secured to the same by means of screws, or in any other proper manner, or by passing a pin, Q, through the lugs, R, of the cross-bars of such top-frame and the upper cross-bars of the side frames. This top-frame is closed at its upper end by a cap-plate, T, and it is intended to make this frame also of cast-iron. In connection with one of the side frames, H, a door-frame, U, is provided, that, at its upper end, is hung upon the cross-pin, Q, of the corresponding side of the lantern frame, so as to be susceptible of being swung open or closed, and at its lower end or other part is provided with a suitable fastening for securing or holding it closed.

We claim as new, and desire to secure by Letters Patent—

A street lantern, having its various side frames, H, and top-frames, P, made of cast-iron, and constructed and joined together, substantially in the manner and for the purpose described.

A. R. HUNT,
EDWARD A. HUNT.

Witnesses:

H. W. MOREHOUSE,
GEORGE H. VOS BURGH.