

No. 119,762.

Patented Oct. 10, 1871.

Mark A. Heath's Improved Street Lantern.

Fig. 1.

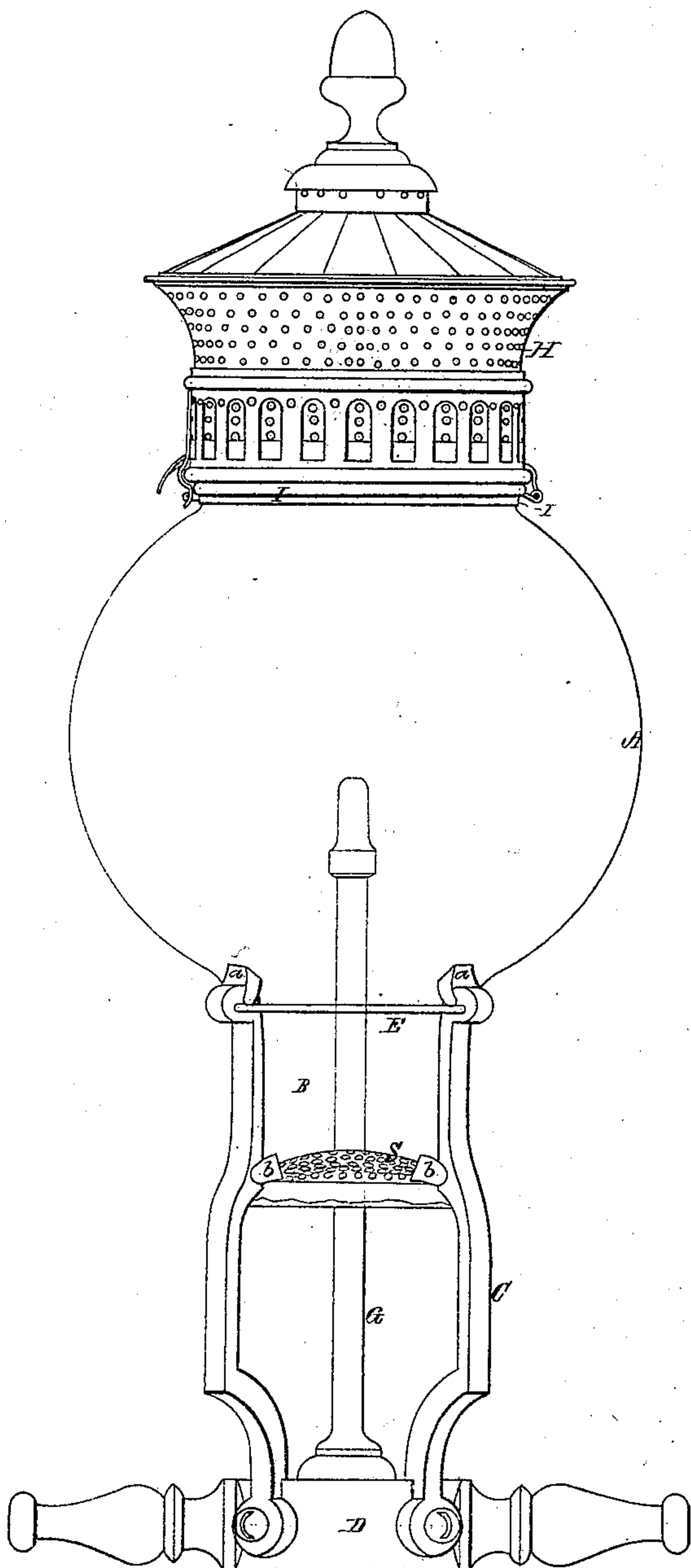
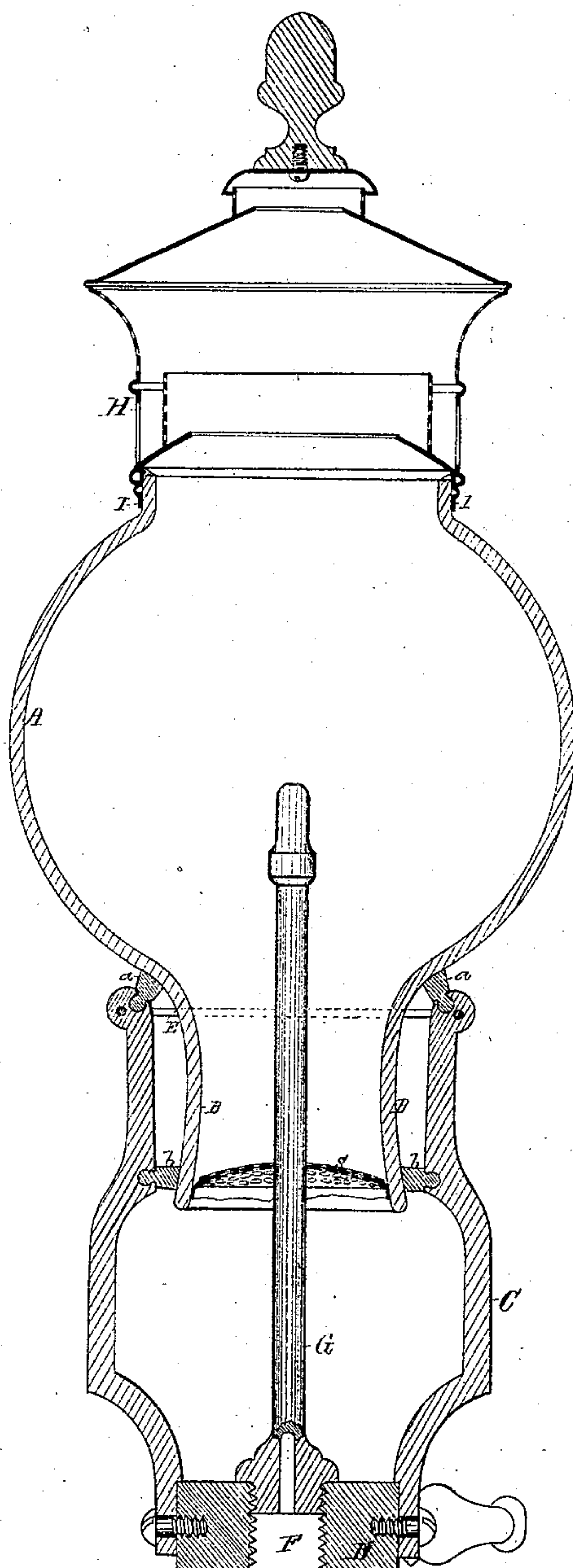


Fig. 2.



Witnesses.

S. N. Piper

L. N. Möller

M. A. Heath.

by his attorney.

N. M. Sady

UNITED STATES PATENT OFFICE.

MARK ANTONY HEATH, OF PROVIDENCE, RHODE ISLAND.

IMPROVEMENT IN STREET-LANTERNS.

Specification forming part of Letters Patent No. 119,762, dated October 10, 1871; antedated September 25, 1871.

To all whom it may concern:

Be it known that I, MARK ANTONY HEATH, of the city and county of Providence and State of Rhode Island, have invented a new and useful Improvement in Street-Lanterns; and do hereby declare the same to be fully described in the following specification and represented in the accompanying drawing, of which—

Figure 1 denotes a front elevation, and Fig. 2 a vertical section of a lantern made in my improved way.

In carrying out my invention the glass globe A of the lantern is to be made with an open elongated neck, B, extended from the bottom of the globe in manner as shown, the neck being expanded in diameter at or near its mouth. This neck and the lower part of the globe are to be extended between two series of elastic cushions, *a b*, supported by a series of standards or brackets, C, erected on a base or cross-head, D. A ring, E, of wire goes through the several standards near their upper ends, so as to hold or aid in holding them in their proper relations to each other. A gas-conduit, F, surmounted by a burner, G, extends from the middle of the cross-head up through the neck of the globe in manner as shown. The glass globe, open at top in the usual manner, is surmounted by a foraminous dome, H, hinged or pivoted to a collar, I, fixed on the top of the globe. By having the globe made and sup-

ported by elastic cushions, as described, it can readily be removed from the cushions for the purpose of being cleaned, and may be as easily replaced, the cushions admitting of the usual expansion or contraction of the glass without binding it so as to cause it to break. In the lower part of the neck of the dome I usually place a foraminous plate or strainer, S, for the purpose of preventing sudden currents of air from causing flickering of the flame of the burner.

A street-lamp constructed in manner as described has been found, in practice, to be very efficient.

I claim—

1. In the street-lantern as described, the glass globe as made with the supporting-neck as set forth, and the brackets C as arranged and provided with elastic cushions *a b* to receive and support the neck and globe, all being as set forth.
2. The lantern made of the instrumentalities as described, arranged as represented—that is, of the cross-head D, the series of standards or brackets C, their connecting-ring E and elastic cushions *a b*, and the glass globe A provided with the neck B and surmounted by a dome, H, all as set forth.

MARK ANTONY HEATH.

Witnesses:

R. H. EDDY,
J. R. SNOW.

(90)