

(No Model.)

S. B. PANGBORN.
LANTERN.

No. 285,506.

Patented Sept. 25, 1883.

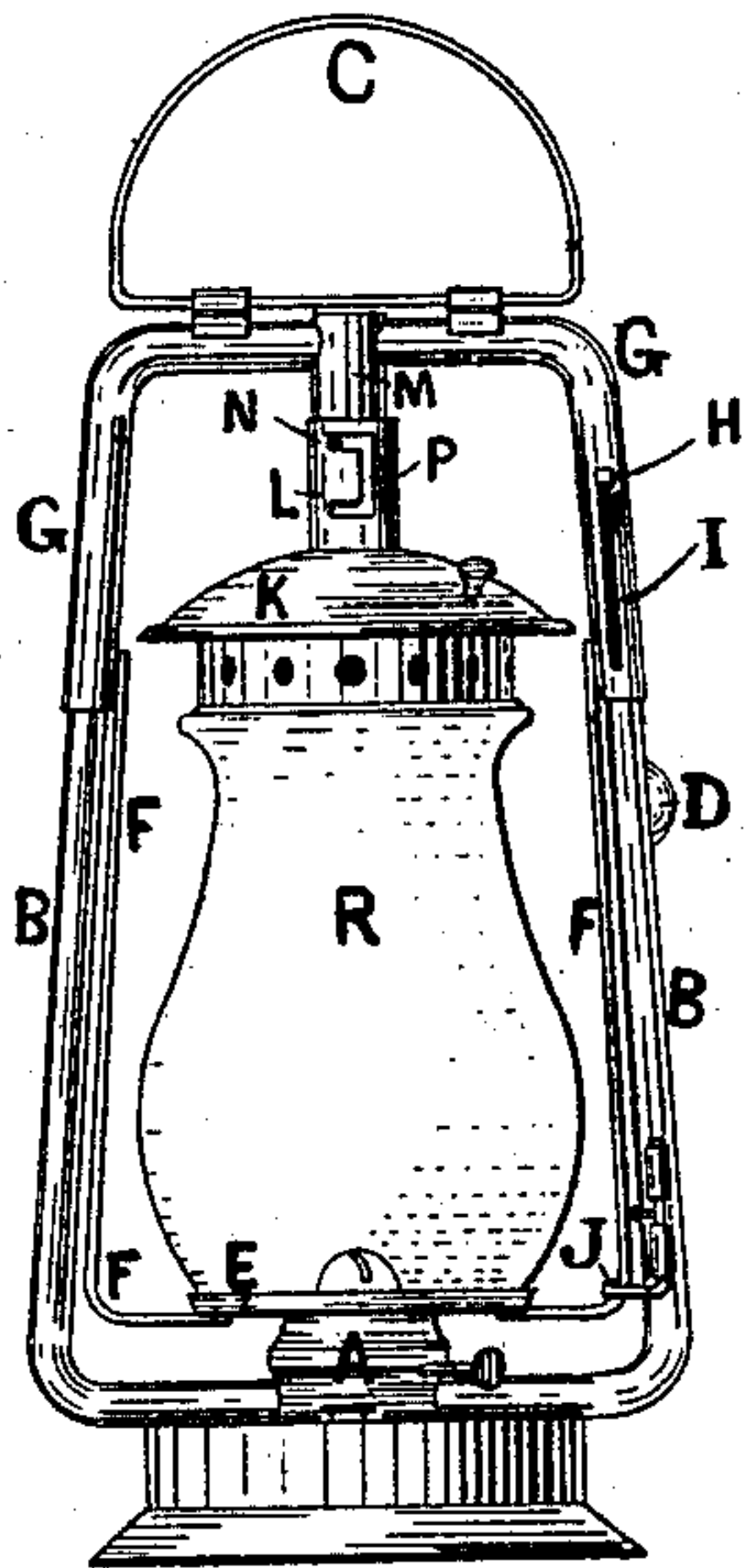


Fig. 1.

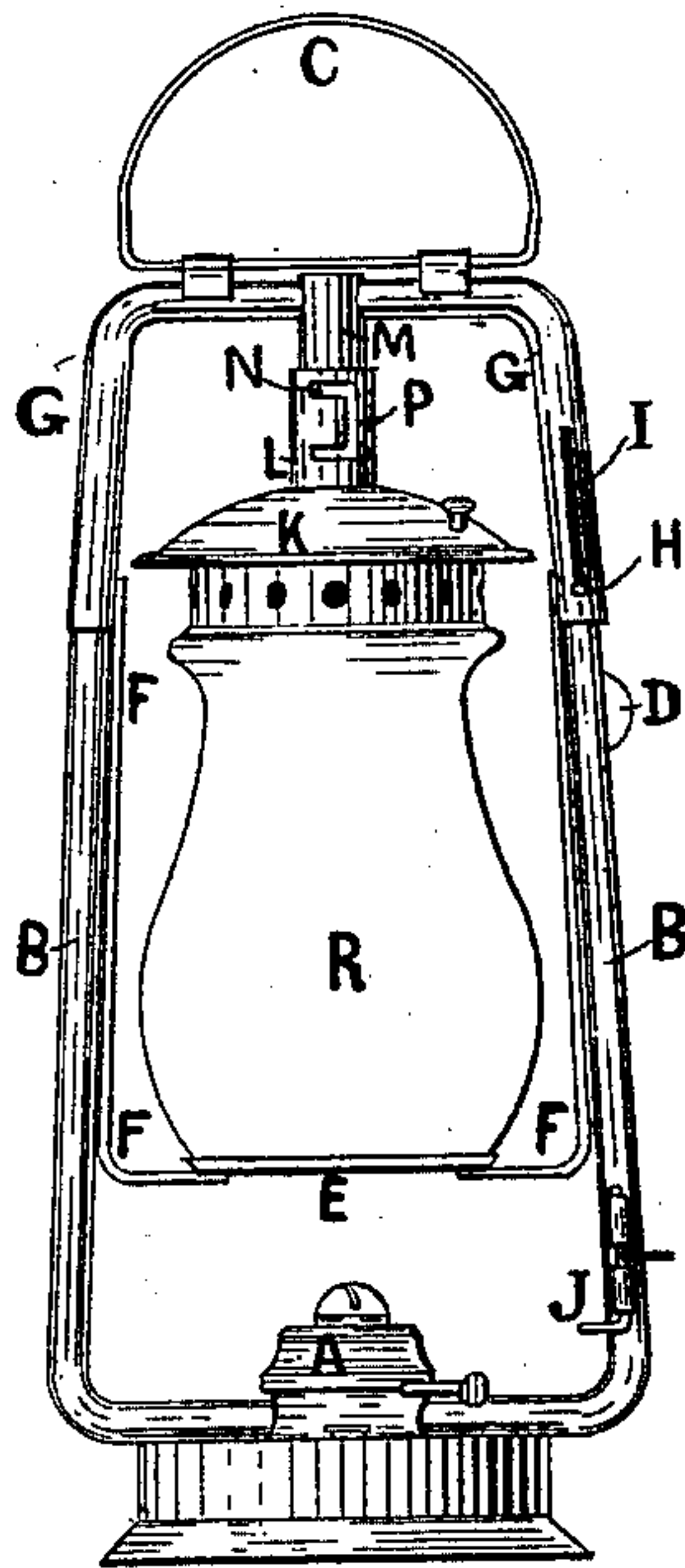


Fig. 2.

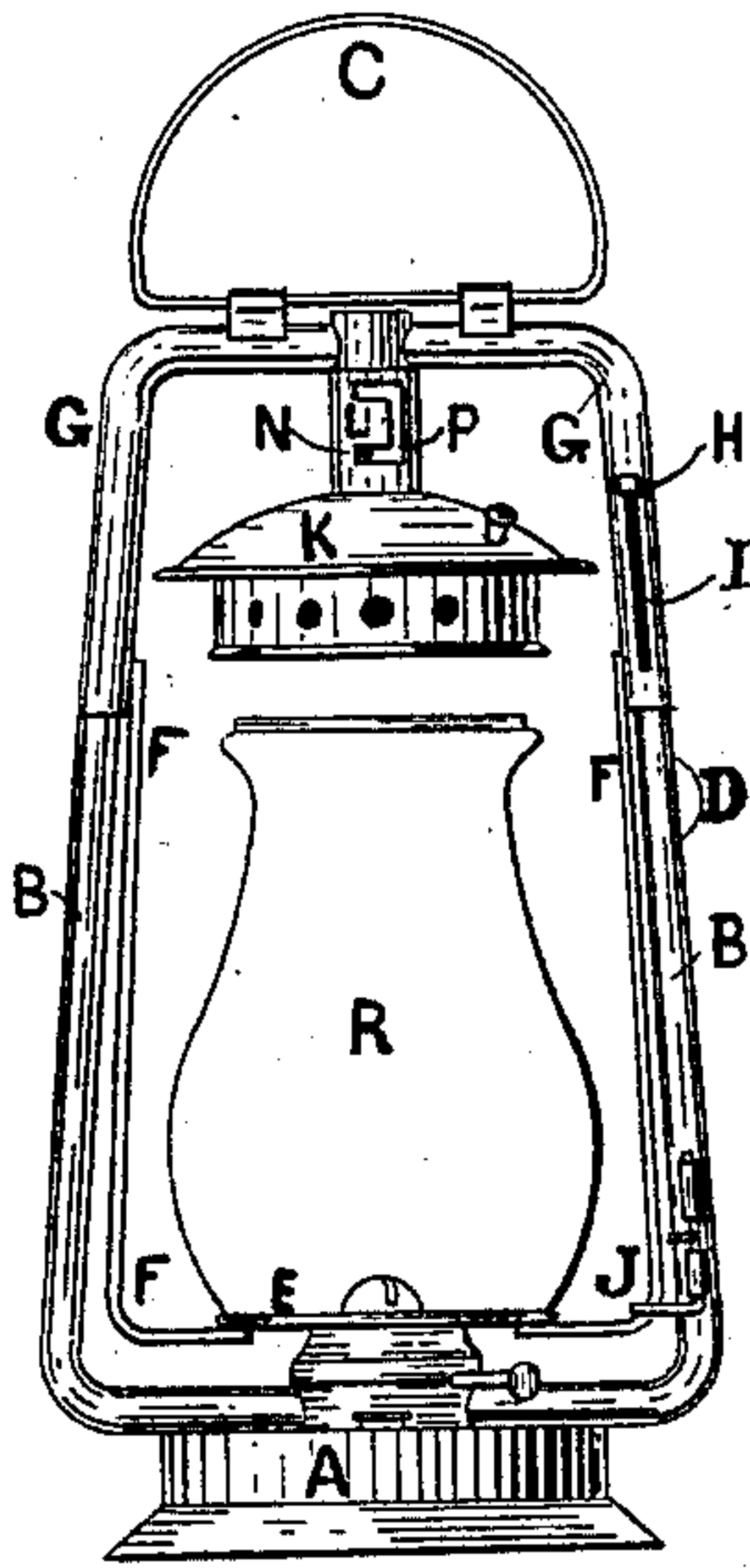


Fig. 3.

Witnesses:

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SAMUEL B. PANGBORN, OF BOSTON, MASSACHUSETTS.

LANTERN.

SPECIFICATION forming part of Letters Patent No. 285,506, dated September 25, 1883.

Application filed March 15, 1883. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL B. PANGBORN, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Lanterns, of which the following is a specification.

The object of my invention is to provide a hand-lantern which may be more easily and quickly lighted and adjusted in position for immediate use, and which will also permit the glass globe or body portion of the lantern to be removed from its carrying-frame to be cleaned than those heretofore constructed and now in general use; and it consists in the construction, combination, and arrangement of the several parts of the frame, as hereinafter more fully described, and set forth in the claim.

Figure 1 represents an elevation of a lantern embodying my invention. Fig. 2 represents a similar view with the lamp and burner dropped downward preparatory to lighting. Fig. 3 represents a similar view with a portion of the frame or the cap elevated to permit the removal of the glass globe.

A represents the lamp and burner, of the usual construction, provided with a tubular support-frame, B, connecting with the base of the burner at opposite sides thereof, and extending outward in either direction, then curved at a right angle and extended upward the desired distance, and provided with a support handle or bail, C, one of the said vertical tubes B being provided with a projection, D, through which an opening is formed communicating with the said tube, the lower end of which opens into the base of the burner, whereby air may be blown into the opening at D, so as to extinguish the light, as heretofore and now in use. Surrounding the upper portion of the said burner is arranged in a horizontal position the perforated air-distributing or draft plate E, upon which rests the glass globe or body portion R of the lantern, as shown. Now, in order to permit the lamp to be lighted in an expeditious manner, I have secured to the opposite sides or edges of the said perforated air-plate E support-rods F, which extend upward in close proximity to the support tubes or frame B, and are secured to the upper section portions, G, which are

fitted to slide over or upon the said lower tubular portions, B, one of which is provided with a projecting stop, H, which operates within a vertical slot, I, formed within the corresponding upper section portion, G, as shown, whereby the lamp portion A of the lantern is adapted to drop downward when the lantern is lifted, in order to permit the burner to be lighted, being shown in this position in Fig. 2.

The lantern, being lighted, is set down or the bottom forced upward into position, when it may be secured by turning the hinged catch or hook J into contact with the horizontal lower portion of the support-rod F, as shown in Fig. 3.

It will be seen that the air-cap K at the top of the glass globe or body of the lantern may be slightly rotated thereon, and the short vertical tube L at the top thereof rotated partially upon the pendent tube M, secured to the under side of the upper section, G, so as to permit the stop-pin N to traverse the vertical portion of the angle-slot P, formed in the said vertical tube L. Said air-cap K may be slid upward, as shown in Fig. 3, which will permit the glass globe or body portion R to be easily removed for the purpose of cleaning, or, when desired, the said cap K being held in such elevated position by turning the said cap K back or in the opposite direction, so the said pin N shall enter the lower horizontal notch or portion of the said angle-slot P, as shown.

The reverse movements of the several parts bring the lantern into position for use, as shown in Fig. 1. Any suitable catch or hook may be substituted in place of the hinged hook or catch J, above described.

Having thus described my invention, what I claim is—

In a tubular lantern, the combination, with the tubes B, of the hook J, stop H, sliding support-rods F, and sliding tube-sections G, constructed and arranged for operation substantially as shown and described, as and for the purposes set forth.

SAMUEL B. PANGBORN.

Witnesses:

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