

G. W. PUTNAM.

2 Sheets—Sheet 1.

Lantern.

No. 84,213.

Patented Nov. 17, 1868.

Fig. 1.

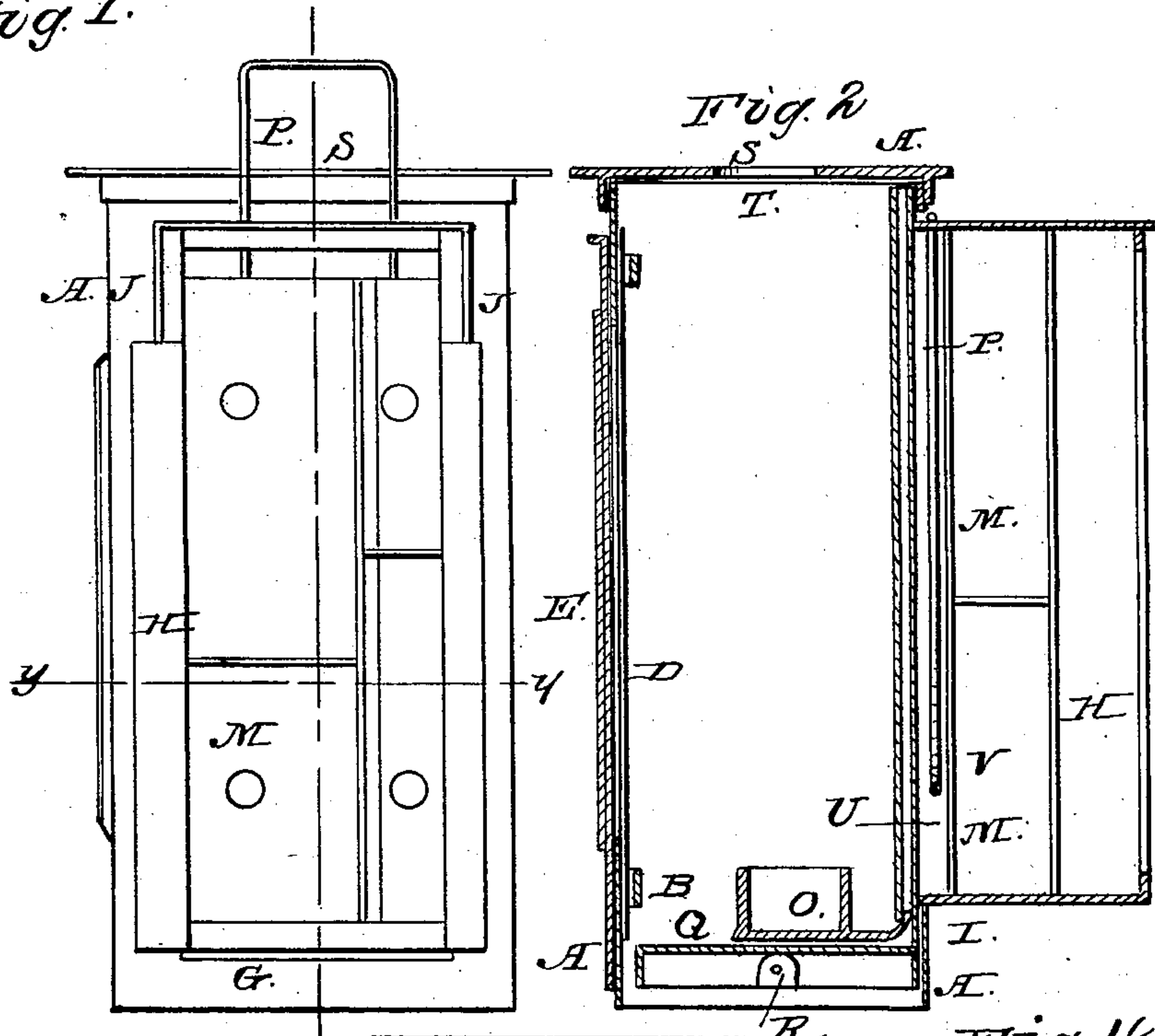
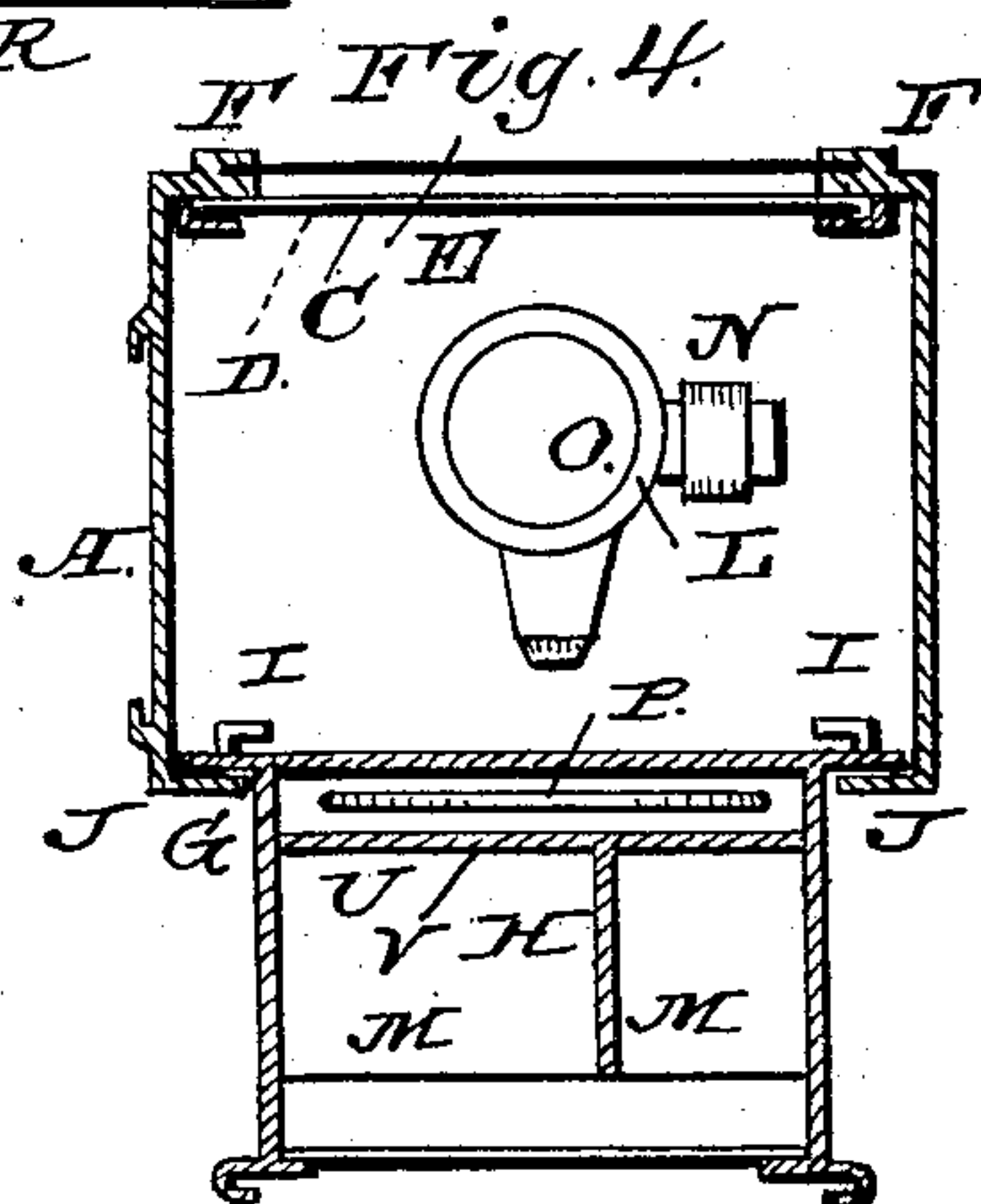
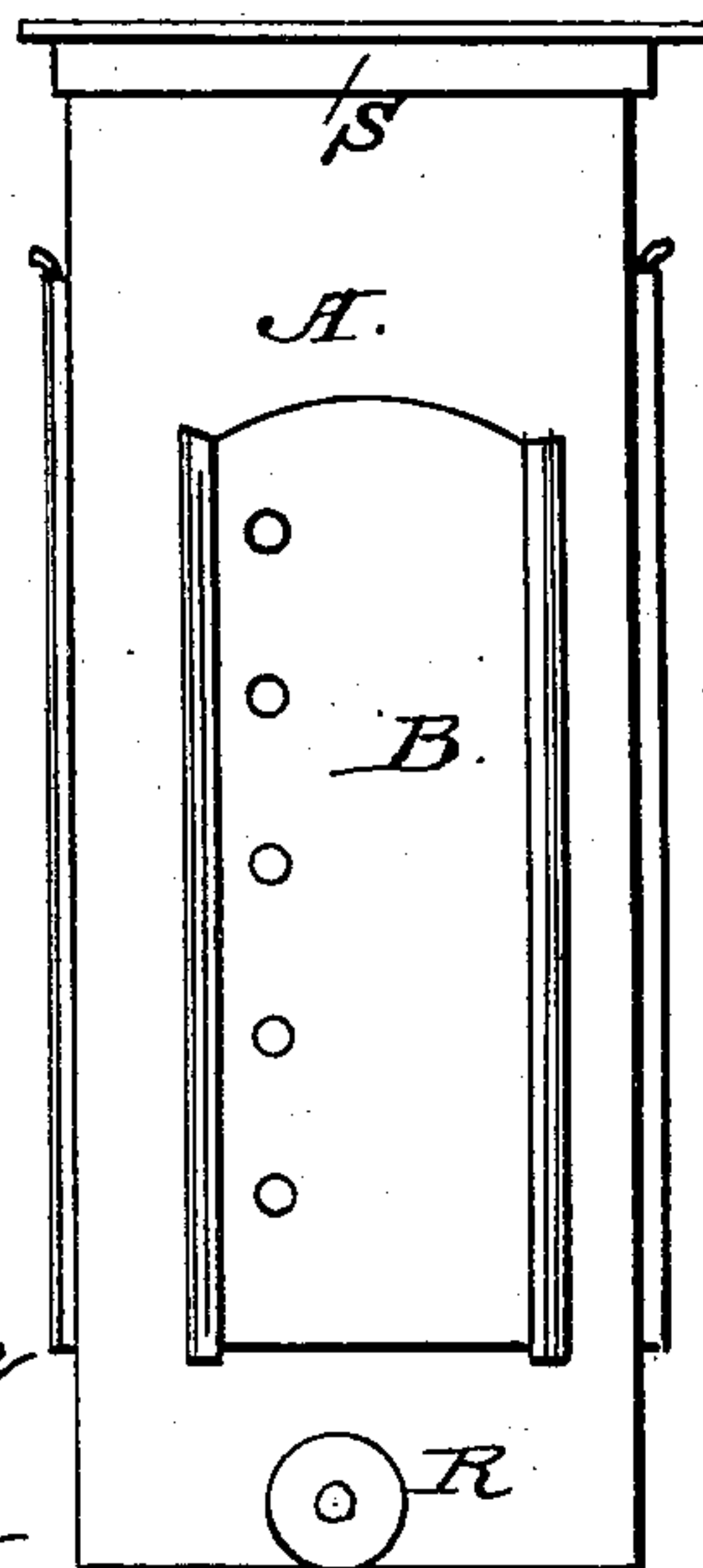


Fig. 2.

Fig. 3.



Witnesses
Thos Encke
Wm Freeman

Inventor
G W Putnam
Per Munn &
Attorneys

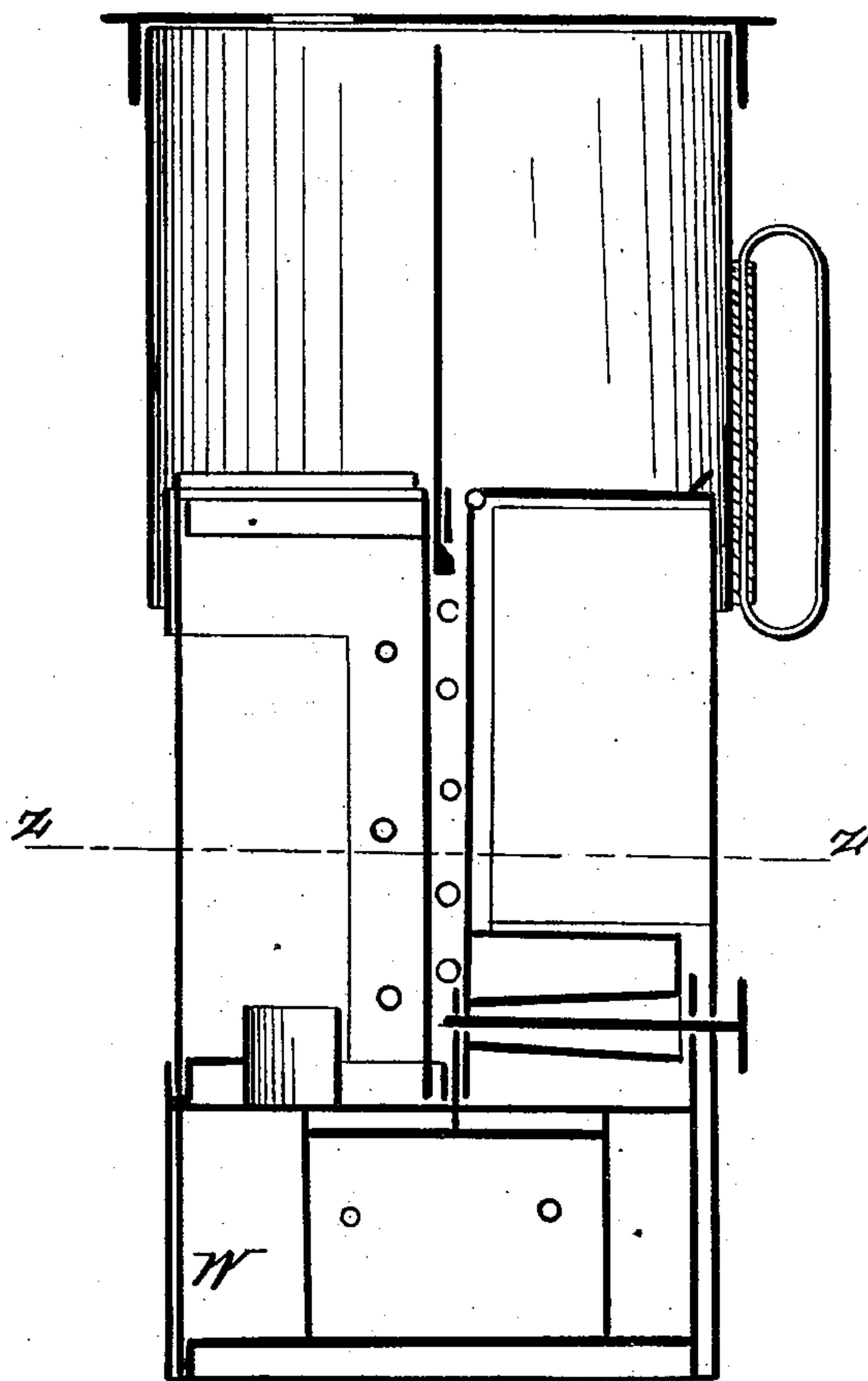
G. W. PUTNAM.

Lantern.

No. 84,213.

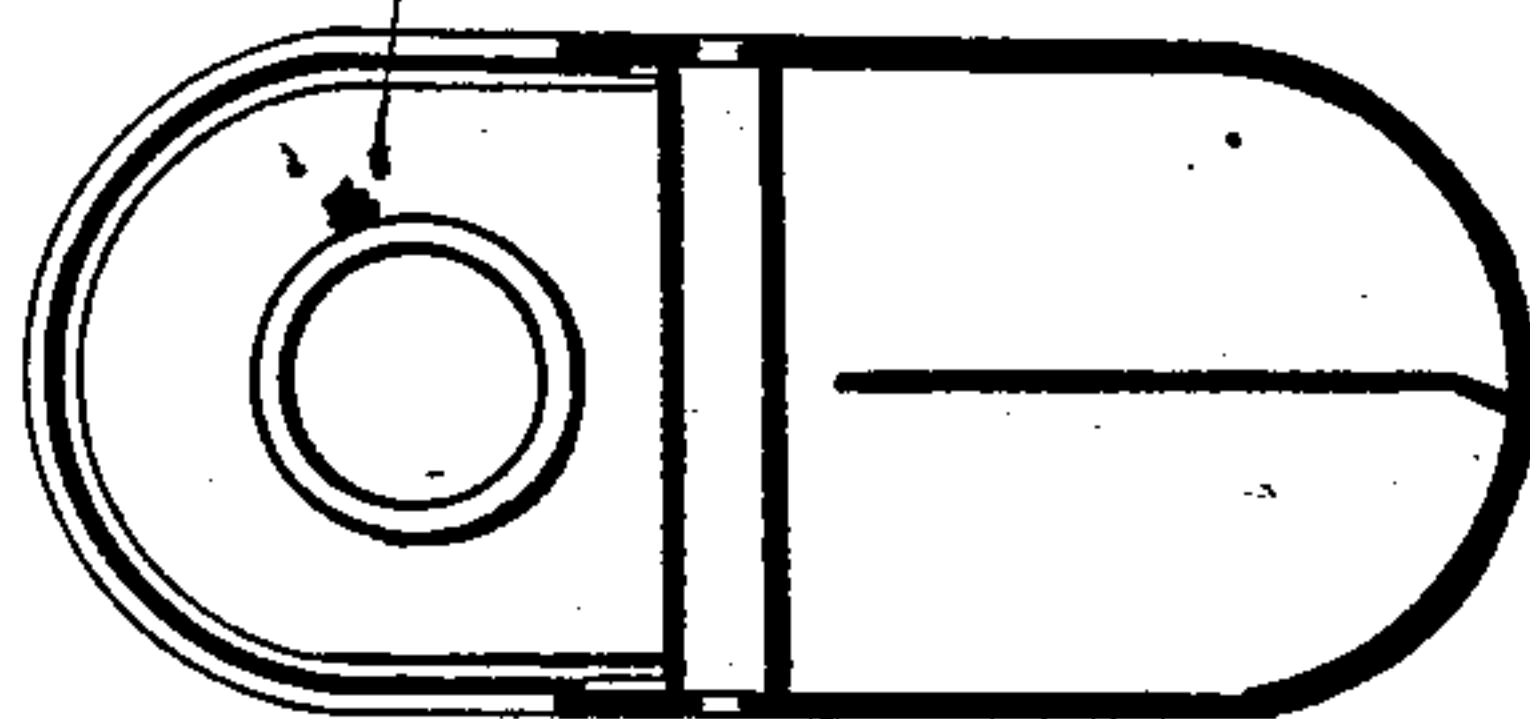
Patented Nov. 17, 1868.

Fig. 5.



Witnesses
Thos Incher
Wm Brewin

Fig. 6.



Inventor:
G W Putnam
Per Mump & Co
Attorneys

United States Patent Office.

GEORGE W. PUTNAM, OF PETERBOROUGH, TOWN OF SMITHFIELD,
NEW YORK.

Letters Patent No. 84,213, dated November 17, 1868; antedated November 7, 1868.

IMPROVEMENT IN POCKET-LANTERNS.

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

To all whom it may concern:

Be it known that I, GEORGE W. PUTNAM, of Peterborough, town of Smithfield, in the county of Madison, and State of New York, have invented new and useful Improvements in Lanterns; and I 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.

This invention consists in providing the lantern with a magazine, for the reception of a supply or extra quantity of matches, candles, and other necessary articles in the use of the lantern.

In the accompanying plates of drawings, my improvements in lanterns are illustrated—

Figure 1, plate 1, being an elevation or view of the lantern upon one side.

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

Figure 3, plate 1, an elevation or view of the lantern, but upon a different side to that shown in fig. 1.

Figure 4, plate 1, a transverse horizontal section in the plane of the line *y y*, fig. 1.

Figure 5, plate 2, is a central vertical section through a lantern made according to the present invention, but in a manner somewhat different in detail construction to the lantern shown in figs. 1, 2, 3, and 4.

Figure 6, plate 2, a transverse horizontal section, taken in the plane of the line *z z*, fig. 5, same plate.

Similar letters of reference indicate corresponding parts.

A, in the drawings, plate 1, represents the body-portion of the lantern, which, in the present instance, is made of a square shape, open upon the two sides, B and C, where glasses D are set, that, when the lantern is not in use, are protected from breakage by slides, E, arranged upon the outside of the lantern-case, to move in guides F, fixed in proper position thereon.

The side, G, to the lantern-case A is left open, and through it a box or case, H, is arranged to be moved into and out of the lantern-case A, it being made of a suitable size to fit and be wholly encased therein, and, when out, is held from detachment by means of the projecting pieces, I, to it, that abut against the side pieces, J, to the opening through the side of the lantern A.

This case H is divided into compartments, M, which, in size and shape, are to be such as to receive a supply of candles, matches, and other necessary appendages for using the lantern.

O, the socket for receiving the candle.

This socket, when the lantern is not in use, is to be kept in one of the compartments to the case H, but, when to be used, is removed therefrom, and secured to the bottom of the lantern, by inserting its piece L under the staple N thereof.

P, the handle to the lantern, which handle is arranged in the case H, to be drawn in and out, as shown.

The bottom, Q, to the lantern is secured by a screw-rod, R, in its place, by removing which the bottom can be detached, if so desired.

The lantern, at its upper end, is closed by a cap-plate, S, provided with an outlet or ventilating-aperture, T, either one or more, for the escape of the smoke, &c., from the lantern.

The portion to the candle-case or magazine H is divided into an air-chamber, U, by a partition, V, the object of which is to prevent the heat generated in the lantern from having any effect upon the candles, &c.

In lieu of arranging the magazine H within the lantern, as above described, it may be constructed so as to be simply inserted therein, and, when the lantern is to be used, entirely removed, and put into the pocket of the person, or, by means of a hook, suitably attached to it therefor, hung to the outside of the lantern-case.

In plate 2, the lantern there shown, in lieu of being made of a square shape, is made oval or elliptical, and its two parts, the case and magazine for candles, &c., arranged to slide, the one inside of the other, like the sections to an ordinary telescope, they being relatively constructed in any proper manner therefor.

In addition to the inner magazine, shown in plate 2, a drawer, W, is arranged at the bottom of the lantern-case.

To secure the covers to the outside of the lantern-case, I provide the inside with suitable slides for them to be run into, as plainly seen at X in fig. 4 of the drawings.

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

The lantern, constructed as described, adapted to receive the case H, containing the candle and match-chamber M, in such a manner as to leave an air-chamber, U, containing the sliding handle P, between said case and lantern, to prevent the heat generated in the latter from communicating with the chambers M, as herein described, for the purpose specified.

GEORGE W. PUTNAM.

Witnesses:

CALEB CALKINS,
HENRY COLLINS.