

(No Model.)

J. FANNING.
LANTERN.

No. 282,291.

Patented July 31, 1883.

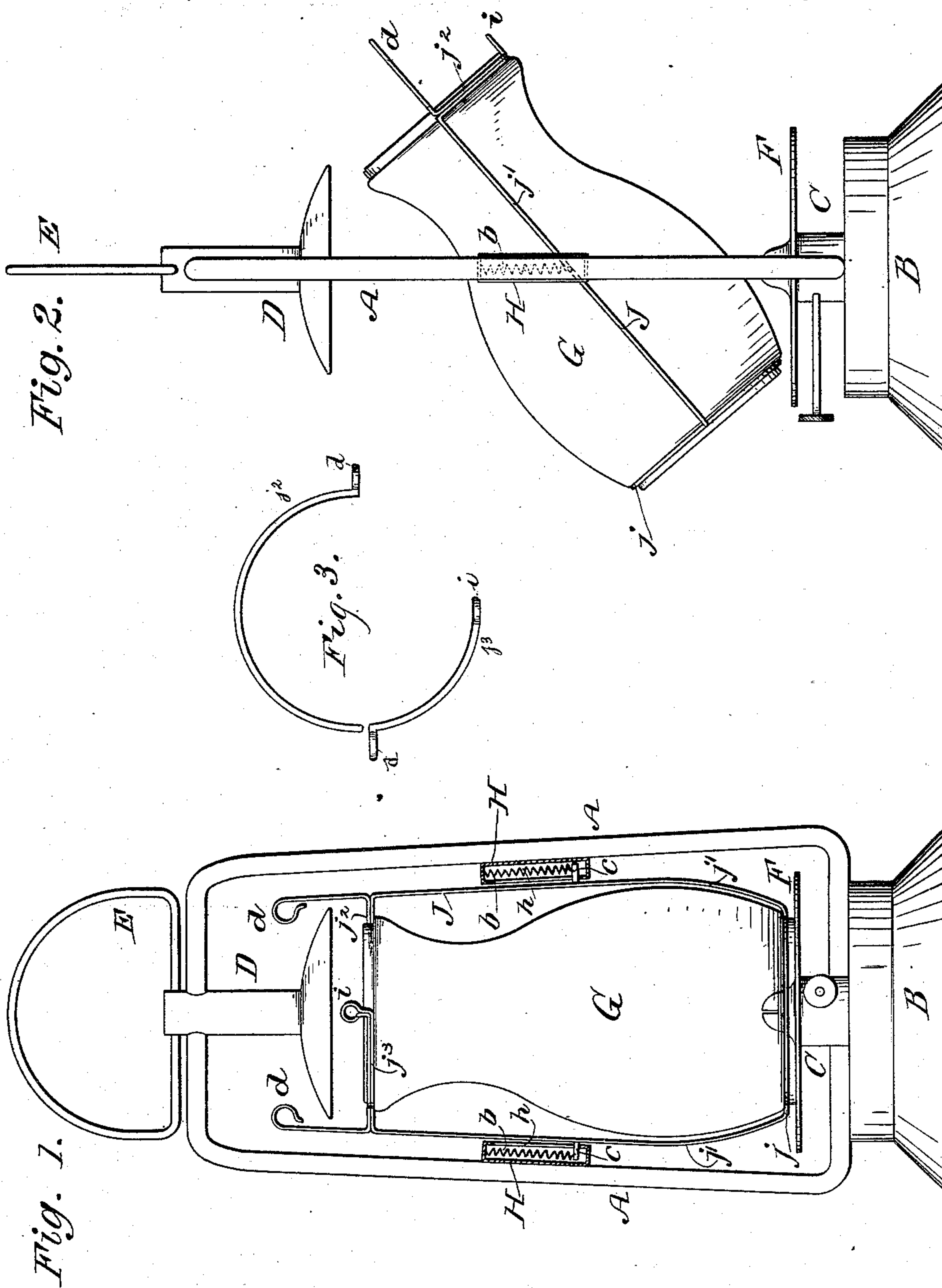


Fig. 1.

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UNITED STATES PATENT OFFICE.

JAMES FANNING, OF SALEM, MASSACHUSETTS.

LANTERN.

SPECIFICATION forming part of Letters Patent No. 282,291, dated July 31, 1883.

Application filed May 5, 1883. (No model.)

To all whom it may concern:

Be it known that I, JAMES FANNING, of Salem, in the county of Essex and State of Massachusetts, have invented a new and useful
5 Improvement in Lanterns, of which the following is a full, clear, and exact description.

The object of this invention is to provide a lantern having such construction that the globe may be cleaned and the lantern lighted with-
10 out removing the globe from the lantern.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

15 Figure 1 is a broken front elevation of my new and improved lantern with the globe in upright position. Fig. 2 is a side elevation of the lantern, showing the globe tipped to position for cleaning the globe or lighting the lantern. Fig. 3 is a plan view of the ring at
20 the upper part of the wire frame, showing its open ends and spring-arm.

The upright tubes A A, base B, burner C, top D, and handle E of the lantern are of ordinary construction, except that the burner is provided with the plate F, for supporting the globe G, and that the tubes A A have secured or formed upon them the barrels H H, that are
25 slotted, as shown at h h, and inclose the coiled springs b b, that rest upon the trunnions c c of the globe-frame J, for holding the globe and globe-frame firmly down upon the plate F. The globe-frame J is composed of the lower ring, j, which receives and holds the bottom
35 of the globe G, the side uprights, j' j', that have the said trunnions c c soldered to or formed upon them, and the upper ring, j², that receives and holds the upper end of the globe. This upper ring is made open—that is, with
40 the short spring-arm j³, which permits the globe to be easily taken out of the frame and replaced, or a new globe supplied in case a globe gets broken; and to facilitate the removal of the globe from and the replacement of it in
45 the frame J, I form the arm j³ with the eye i, by which the arm j³ may be easily sprung outward, as will be clearly understood from Fig. 1.

d d are arms that project upward from the

open ring j², and are for convenience in lifting the globe-frame J and globe upward against
50 the action of the springs b b.

For cleaning the globe or lighting the lantern, the globe-frame J has simply to be lifted upward, the trunnions c sliding in the slots h h until the lower edge of the globe G will clear
55 the dome of the burner. The globe and frame are then simply to be tipped on the trunnions c c to an inclined or horizontal position, to admit a cleaning-cloth to the globe, or a match to the wick of the lantern. The lantern hav-
60 ing been lighted or the globe cleaned, the frame J will be again raised against the action of the springs b until the globe and ring j will again clear the dome of the burner, and can be swung
65 over the burner and lowered upon the plate F, where the globe will be securely and firmly held by the action of the springs b upon the trunnions c, as will be clearly understood from the drawings. In this manner the lantern is
70 made very handy both for lighting and cleaning, and the globe is safely held, and the means for holding and shifting it are practical, durable, and cheap.

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

1. The frame J, having the ring j², made open and with a short spring-arm, j³, to permit the easy insertion and removal of the globe,
80 as described.

2. The tubes A A, provided with the slotted barrels H H, having the springs b b, in combination with the globe-frame J, having the trunnions c c, substantially as and for the
85 purposes set forth.

3. In a lantern, the globe-frame J, composed of the bottom ring, j, side pieces, j' j', open upper ring, j², and projections d d, the arm j³ of the upper ring being formed with the eye i, and the side pieces, j' j', with the trunnions c c,
90 substantially as and for the purposes set forth.

JAMES FANNING.

Witnesses:

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