

(No Model.)

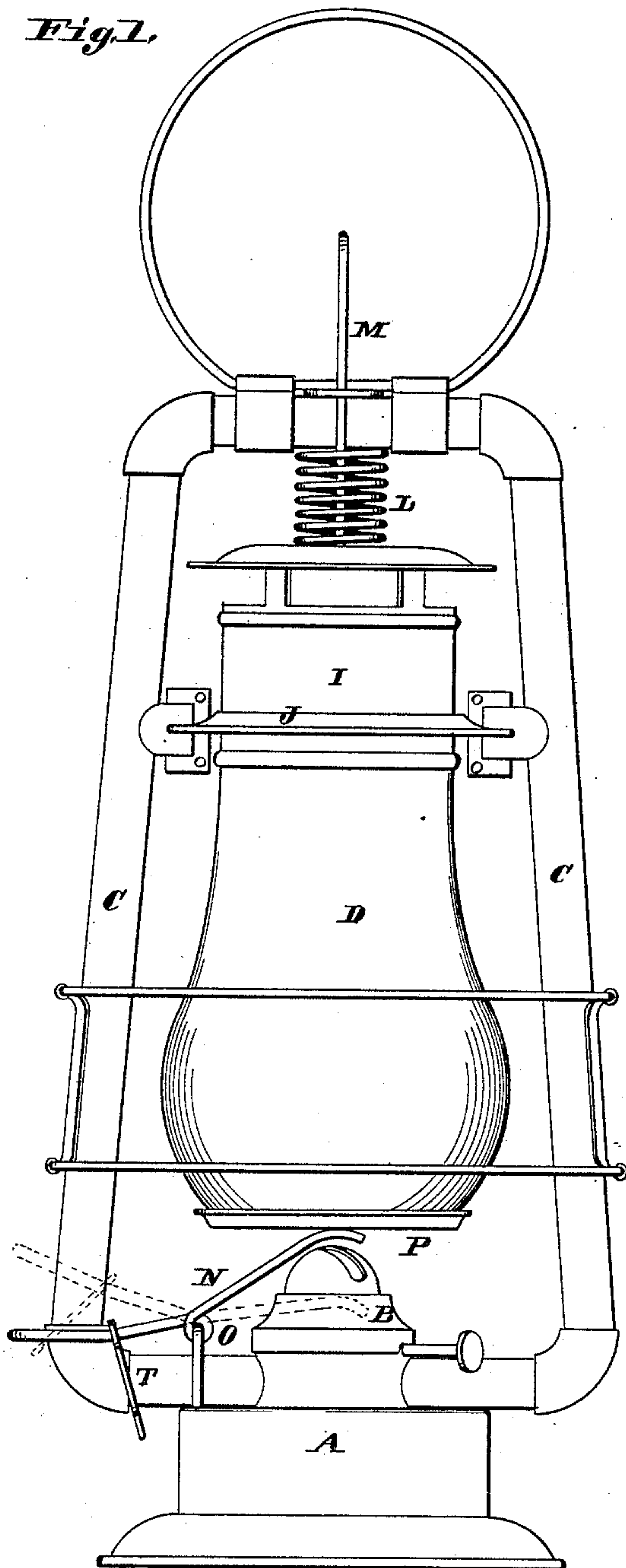
J. HIRTH & J. RUFF.

LANTERN.

No. 325,210.

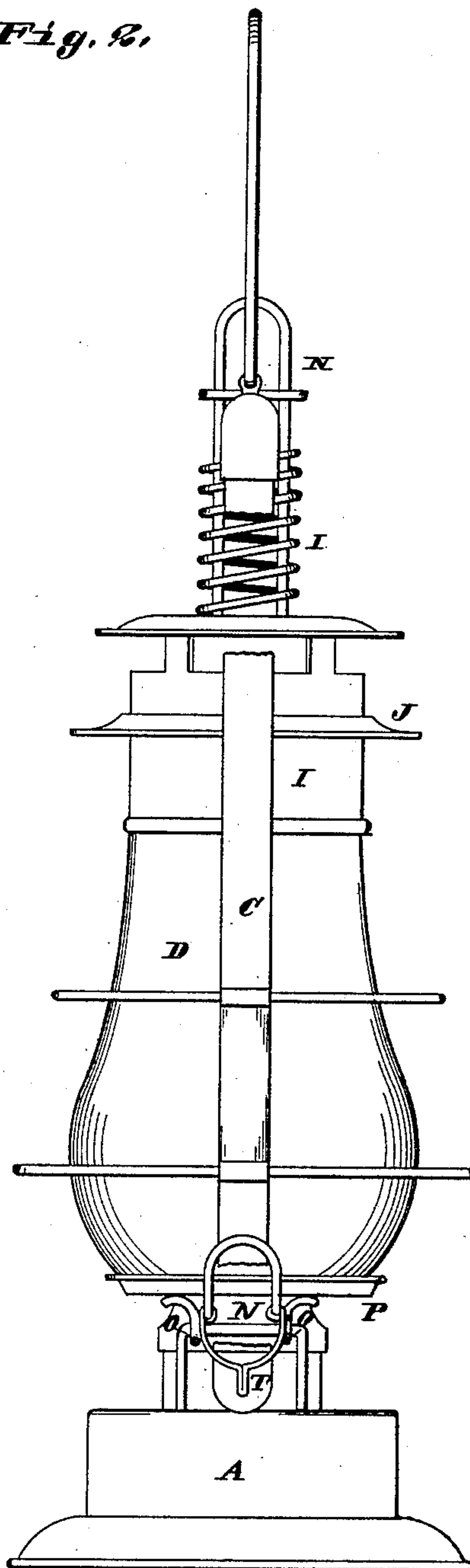
Patented Aug. 25, 1885.

Fig. 1.



Attest;
Geo. L. Wheelock.
Victor A. Lewis

Fig. 2.



Inventor;
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UNITED STATES PATENT OFFICE.

JOSEPH HIRTH AND JOSEPH RUFF, OF EAST ST. LOUIS, ILLINOIS.

LANTERN.

SPECIFICATION forming part of Letters Patent No. 325,210, dated August 25, 1885.

Application filed March 2, 1885. (No model.)

To all whom it may concern:

Be it known that we, JOSEPH HIRTH and JOSEPH RUFF, of East St. Louis, in the county of St. Clair, in the State of Illinois, have invented a certain new and useful Improvement in Lanterns, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, and in which—

Figure 1 is an elevation showing our improvement, the globe being raised. Fig. 2 is a similar view showing parts of the air-tubes broken away and the globe in its lower or normal position.

Our invention relates to an improved means for raising the globe of the lantern to permit it to be lighted, filled, &c.; and our invention consists in features of novelty hereinafter fully described, and pointed out in the claims.

Referring to the drawings, A represents the fount, B the burner, C the air-tubes, and D the globe, of the lantern. I represents the collar of the lantern, fitting in a ring, J, secured to the tubes, and moving in the ring as the globe is raised and lowered. The globe is held in its lower position by a spiral spring, L, surrounding a yoke, M, that straddles the upper tube of the lantern, and is secured to the collar I.

N represents a lever hinged or fulcrumed at O to the fount of the lantern. It is preferably made of a single piece of wire, bent as shown. Its inner end bears against the bottom of the disk P, that supports the globe, and its outer end extends slightly beyond the tube on that side of the lantern. By depressing its outer end the globe is raised to the

position shown in Fig. 1, to permit the lamp to be lighted or filled or the wick trimmed. If desired, the globe can be retained in this position by a bail, T, secured to the outer part of the lever, and which swings in and engages the inner part of the elbow of the tube, (see Fig. 1,) thus holding the globe in its raised position until it is disengaged from the elbow. This bail is particularly useful when the lantern requires filling. This lever arrangement affords a cheap, effective, and quick means for raising and lowering the globe for the purposes stated.

We claim as our invention—

1. The combination, with a lantern having a globe adapted to be raised and lowered, of a lever hinged to a stationary part of the lantern, and extending inwardly beneath the globe and outwardly to provide means by which the inner end of the lever can be elevated and depressed to raise and lower the globe, substantially as set forth.

2. The combination, with a lantern, of the lever N, hinged to the fount, extending inwardly beneath the globe and outwardly beyond an air-tube, substantially as set forth.

3. The combination, with a lantern, of the lever N, hinged to the fount, extending inwardly beneath the globe, outwardly beyond an air-tube, and provided with a bail between its fulcrum and said tube, substantially as set forth.

JOSEPH HIRTH.
JOSEPH RUFF.

In presence of—
GEO. H. KNIGHT,
BENJN. A. KNIGHT.