

(No Model.)

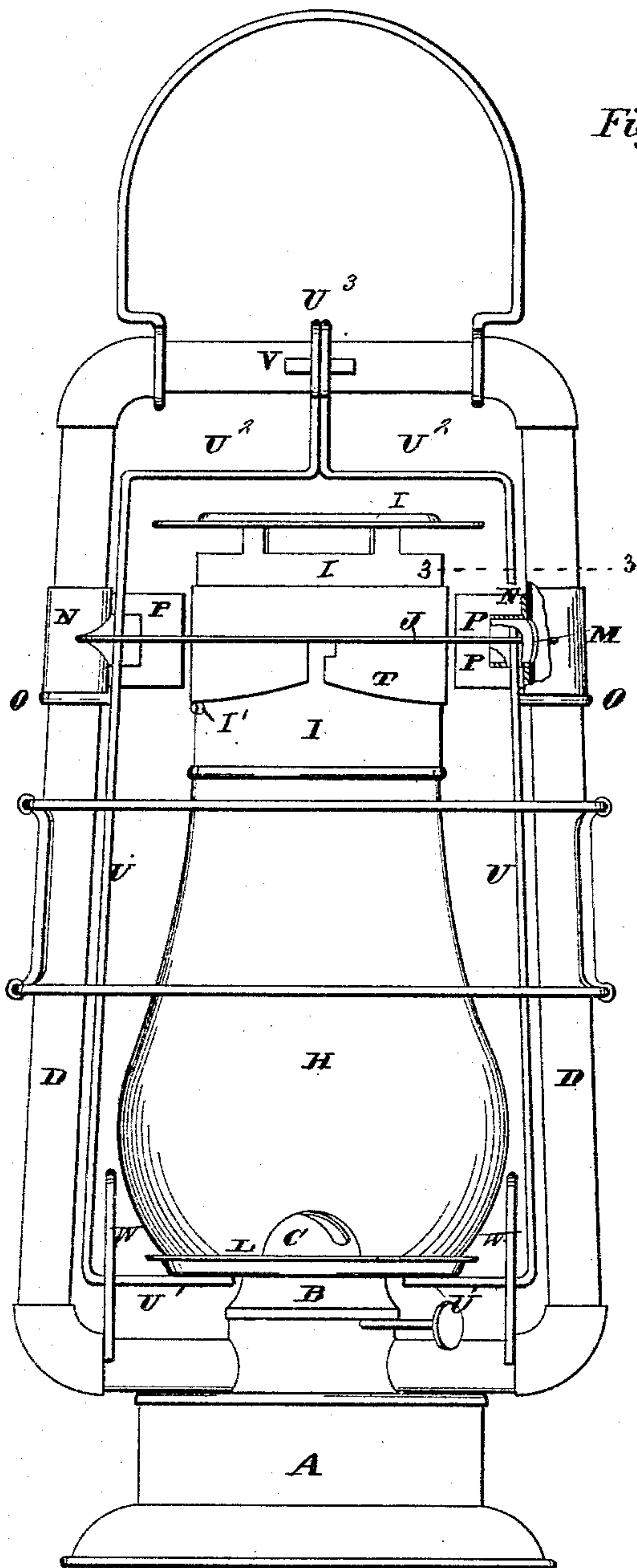
F. REINSCHMIDT.

LANTERN.

No. 321,314.

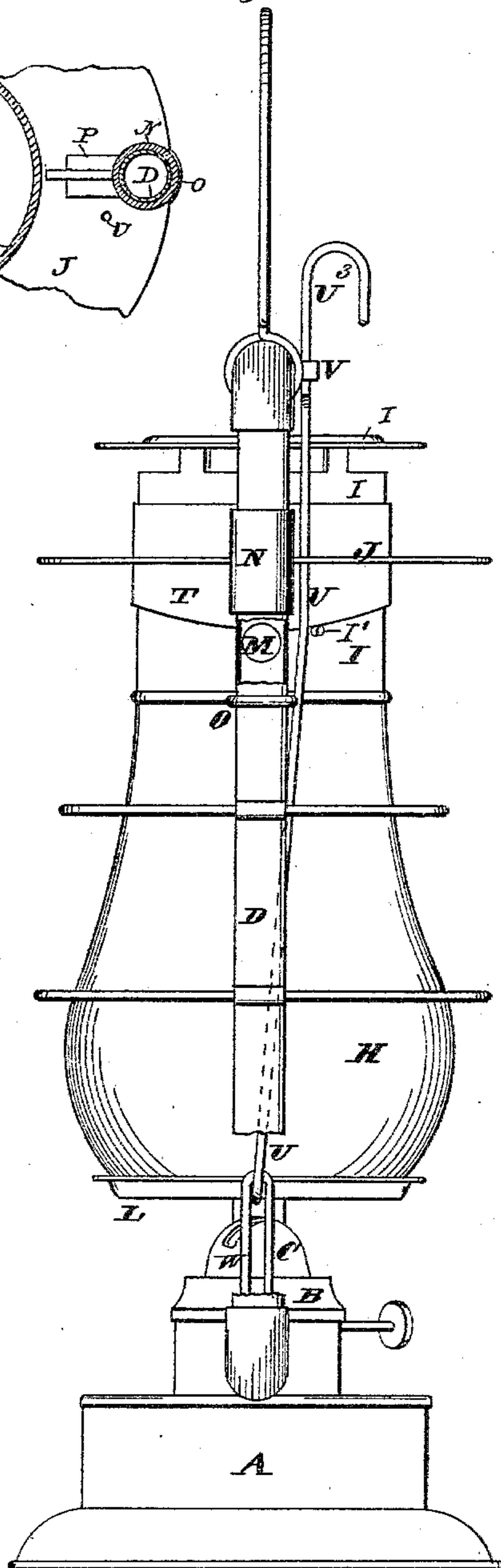
Patented June 30, 1885.

Fig. 1.



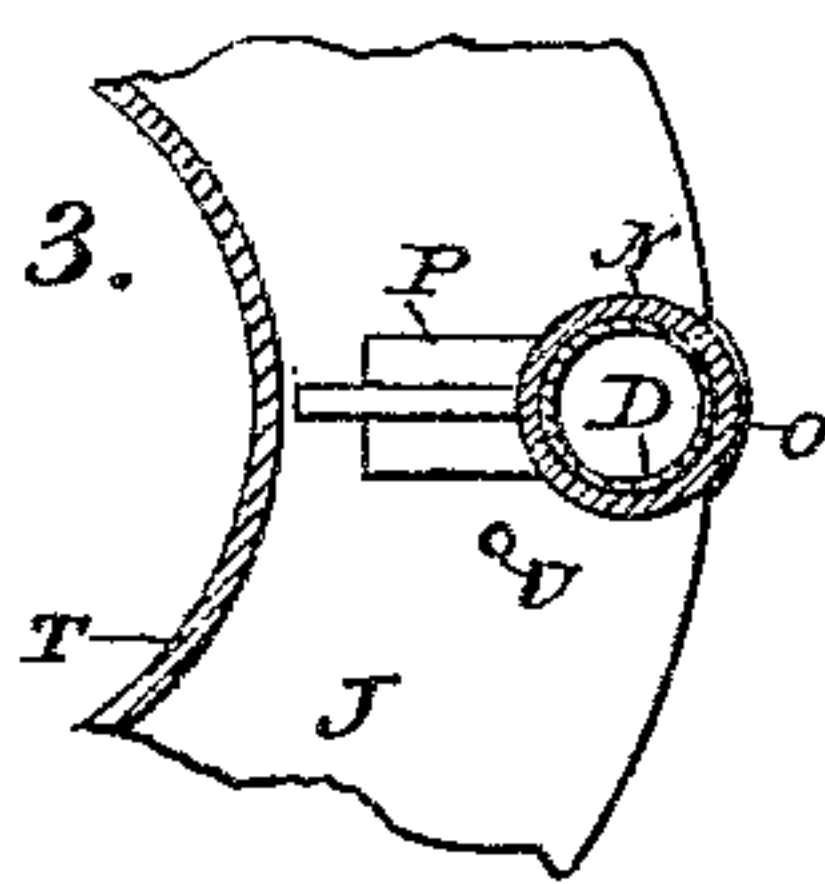
Attest;
Charles Pickles
Geo. L. Wheelock

Fig. 2.



Inventor;
Frank Reinschmidt
By Knight Bros
attys

Fig. 3.



UNITED STATES PATENT OFFICE.

FRANK REINSCHMIDT, OF ST. LOUIS, MISSOURI, ASSIGNOR TO JOSEPH W. BRANCH, OF SAME PLACE.

LANTERN.

SPECIFICATION forming part of Letters Patent No. 321,314, dated June 30, 1885.

Application filed February 24, 1885. (No model.)

To all whom it may concern:

Be it known that I, FRANK REINSCHMIDT, of the city of St. Louis, in the State of Missouri, 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 a side elevation, part in section, of a lantern embodying my improvement, the globe being in its lower or normal position; and Fig. 2 is an edge view, part broken away, showing the globe in its raised position. Fig. 3 is a top view on the line 3 3, Fig. 1.

My invention consists in a means for raising the globe from the burner for lighting, cleaning, and filling purposes; and my 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 cone; D, the air-tubes; H, the globe; I, the cap on top of the globe; J, the plate surrounding the cap, and L the disk upon which the globe rests, all of these parts being of well-known common construction.

The tubes have air-holes M, through which air passes to supply the burner.

Surrounding or fitting over the tubes are short sleeves N, that have vertical movement on the tubes as the globe is raised and lowered. When in their lower position they rest on beads o on the tubes, and in this position they cover the openings or holes M from view; but the passage of air is still permitted through necks P on the sleeves, into which the plate J is inserted. The plate has a flange, T, beneath which a pin, I', on the cap I engages, as usual, to lock the cap down on the globe.

U represents wires made fast by their lower ends to the disk L, from where they extend outward with horizontal portion U', and then upward, forming vertical portions that ex-

tend nearly to the tops of the tubes, and then they are bent in, forming horizontal portions U², that meet and are bent up and over to form a hooked stem, U³, held to the top of the lantern by a socket, V, in which it has vertical movement. These wires extend through the plate J, and are soldered to the plate so that the plate and sleeves N are raised and lowered with the globe and disk L as the wires are pulled up, and forced down by taking hold of the hook U³, the sleeves acting as guides to hold the parts in vertical position at the top of the lantern, and they are guided and held in place at the bottom of the lantern by loops W, through which the wires U pass, and which are secured to the air-tubes.

This arrangement forms a cheap, durable, and strong means for securing the parts together and raising the globe from the burner for the purposes stated.

I claim as my invention—

1. In a lantern, the combination of the fount, tubes, globe, disk on which the globe rests, plate-cap fitting within the plate on top of the globe, sleeves fitting over the tubes and secured to the plate, and wires connecting the said disk and plate, and by which the globe is raised and lowered from the burner, substantially as and for the purpose set forth.

2. In a lantern, the combination of the fount, tubes, globe, disk on which the globe rests, plate-cap fitting within the plate on top of the globe, sleeves fitting around the tubes and secured to the plate, wires connecting the said disk and plate, and by which the globe is raised and lowered from the burner, and the loops through which the wires pass, the tubes being provided with openings, and the sleeves being provided with necks, through which air enters the tubes, for the purpose set forth.

FRANK REINSCHMIDT.

In presence of—

GEO. H. KNIGHT,
SAML. KNIGHT.