(No Model.)

J. WOCK.

TUBULAR OR HURRICANE LANTERN.

No. 589,060. Patented Aug. 31, 1897.

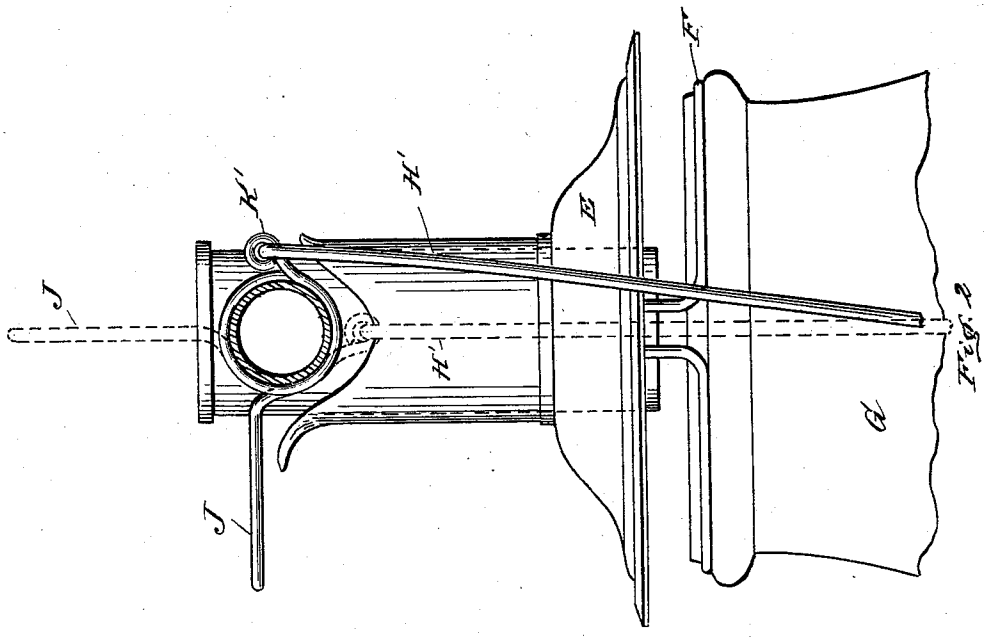


Fig. 2.

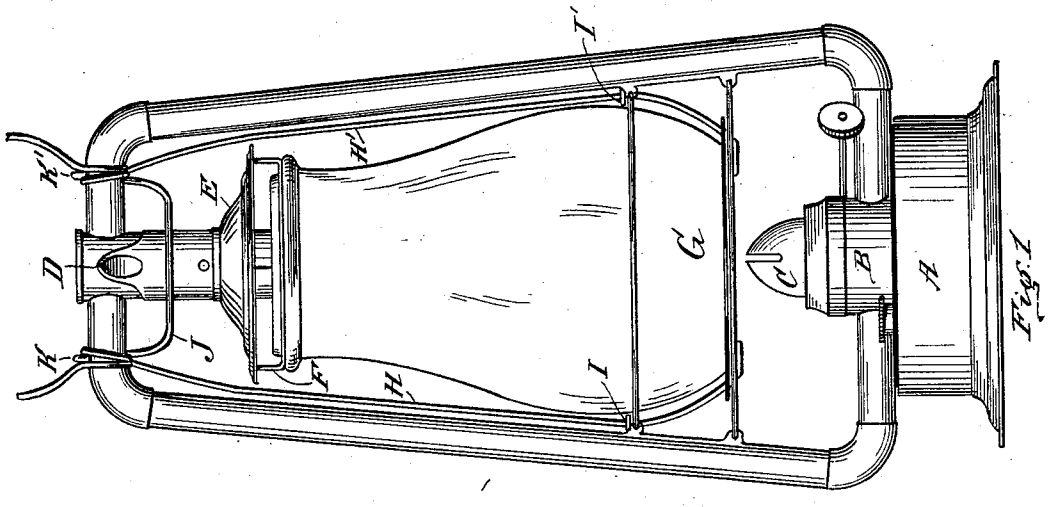


Fig. 1.

WITNESSES

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UNITED STATES PATENT OFFICE.

JOHN WOCK, OF CANTON, OHIO, ASSIGNOR TO THE BERGER MANUFACTURING COMPANY, OF SAME PLACE.

TUBULAR OR HURRICANE LANTERN.

SPECIFICATION forming part of Letters Patent No. 589,060, dated August 31, 1897.

Application filed March 26, 1897. Serial No. 629,359. (No model.)

To all whom it may concern:

Be it known that I, JOHN WOCK, a citizen of the United States, and a resident of the city of Canton, county of Stark, State of Ohio, have invented a new and useful Improvement in Tubular or Hurricane Lanterns, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification.

My invention relates to improvements in tubular or hurricane lanterns; and it consists of certain features of construction and combination of parts by which the globe may be raised and lowered independent of the bail or handle or other projecting portions attached either to the lower portion of the lantern or the vertical tubes comprising the sides thereof, as will be hereinafter more fully set forth and described.

Figure 1 is a perspective view of the lantern, showing the raising mechanism depressed and the globe elevated in position for lighting. Fig. 2 is a side view of a portion of the top of the lantern with the vertical side tube removed, the dotted lines showing the lifting mechanism and connecting lifting-wires in their normal position when the lantern is closed.

Similar letters refer to similar parts in both drawings.

A represents the oil-pot of the lantern, upon which is mounted the air-chamber B and the burner C, which may be of any desired form of construction. To the air-chamber B and on either side thereof are attached horizontal air-tubes connecting with vertical side tubes, which in turn connect with horizontal air-tubes at the top of the lantern, terminating in the central depending air-tube D, carrying the sliding bell E, to which is fastened any desired form of globe-holding catch F for holding the glass globe in position. To the bottom of the globe-plate G and upon either side thereof there are soldered or otherwise attached upright wires H H', which pass through guide-loops I and I' upon the inner side of the vertical side tubes.

Upon the top of the lantern, supported by the horizontal air-tubes, there is provided a lifting-lever J, consisting of a single piece of wire substantially U form in shape and having the ends thereof coiled once around the horizontal tubes and terminating in loops K and K', to which are attached the upright wires H H' on either side thereof.

In operation a person desiring to light the lamp presses down the horizontal portion of the lifting-lever J, which thereupon operates both sides of the lifting mechanism, causes the loops K and K' to be elevated, carrying with them the upright wires H and H', the globe-plate carrying the globe, and raises the same sufficiently to clear the burner C. After lighting the lamp or trimming the wick thereof the thumb is released from the lever J, and the globe resumes its normal position.

My device overcomes all difficulties and provides an extremely simple and perfectly reliable means of raising and lowering the globe independent of the bail or any projections extending from the outside of the lantern.

Having thus fully described my invention, what I desire to claim and secure by Letters Patent is—

A globe-lifting lever for a tubular lantern, consisting of a single piece of wire of substantially U shape, the ends thereof adapted to be journaled around the upper horizontal air-tubes, and terminating in loops to which may be attached the upright wires carrying the globe-plate, substantially as described and for the purpose set forth.

In testimony whereof I have hereunto set my hand this 10th day of March, A. D 1897.

JOHN WOCK.

Witnesses:
CHAS. R. MILLER,
BURT A. MILLER.