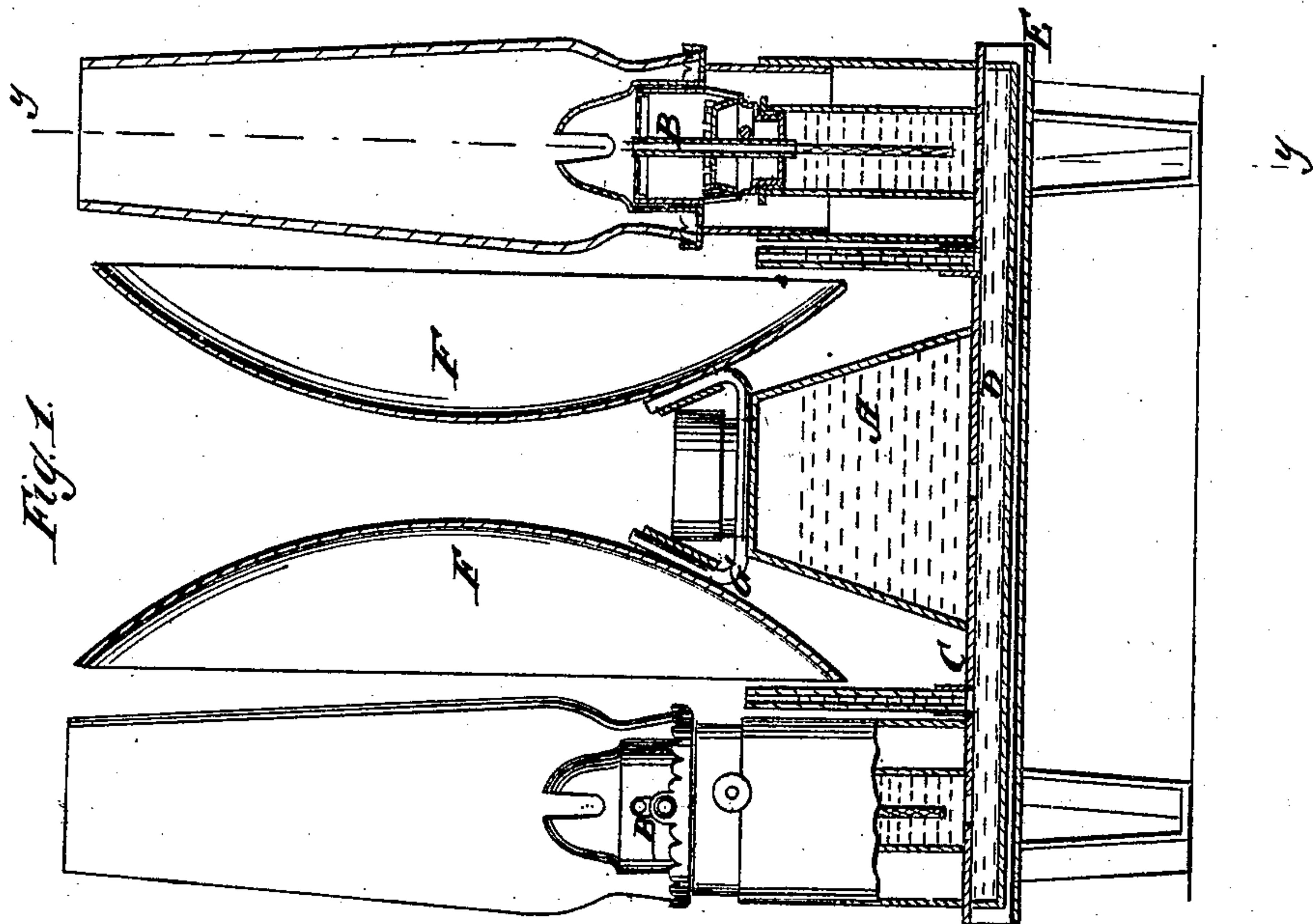
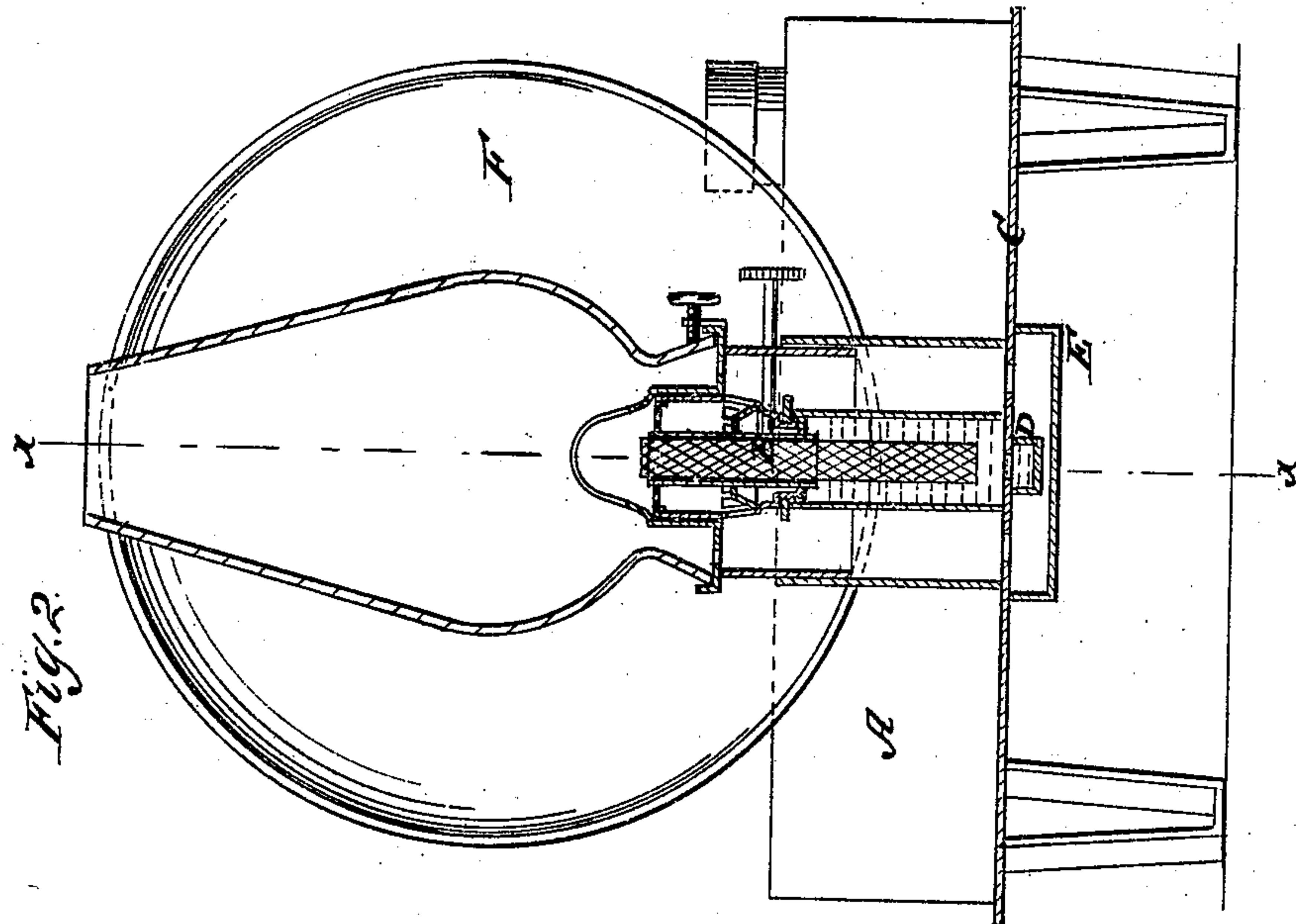


J. S. WOODS.  
STREET-LAMP.

No. 180,302.

Patented July 25, 1876.



WITNESSES:

*E. Woff*  
*John Goethals*

INVENTOR:

*J. S. Woods*

BY

*Wm. L. L.*

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# UNITED STATES PATENT OFFICE

JOHN S. WOODS, OF BROOKLINE, MASSACHUSETTS.

## IMPROVEMENT IN STREET-LAMPS.

Specification forming part of Letters Patent No. **180,302**, dated July 25, 1876; application filed January 29, 1876.

*To all whom it may concern:*

Be it known that I, JOHN S. WOODS, of Brookline, in the county of Norfolk and State of Massachusetts, have invented a new and Improved Street-Lamp, of which the following is a specification:

My invention consists of a duplex reflecting-lamp, in which an oil-holder is located between two burners, both of which are supplied from it, and it serves for the support of reflectors for the burners, to throw the light in opposite directions along a street, for which the lamp is more especially designed.

For street-corners, two other burners and reflectors may be applied, for throwing the light along the cross-streets, if desired.

Figure 1 is a sectional elevation of my improved lamp, taken on the line *x x* of Fig. 2; and Fig. 2 is a sectional elevation taken on line *y y* of Fig. 1.

Similar letters of reference indicate corresponding parts.

A is an oblong oil-holder, for supplying two or more burners, B, arranged on a base-plate, C, between the burners, and connected with them by a channel, D, attached to the under side, and inclosed for protection from cold by the case E. The burners are located on opposite sides of the oil-holder transversely, and with each one is a reflector, F, for which the oil-

holder furnishes a support of very substantial character, and saves the expense of special supports, except the small piece G of wire attached to it.

The lamps may be of any approved kind, and in practice will have a cap to the top of the chimney to exclude the rain and wind.

An essential feature of advantage in respect of supplying the oil to the flames with uniformity and certainty consists of the location of the oil-holder on the plate C the same height as the wick-tubes, or thereabout, which renders the lamp less liable to be blown out by gusts of wind, because of the more ready supply of oil than is afforded when the holder is below the wick-tube.

H represents glass gage-tubes, to show the height of the oil.

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

The oil-holder A and burners B, located on the plate C, and connected by channel D, and the reflectors supported on the oil-holder, all substantially as specified.

JOHN S. WOODS.

Witnesses:

H. F. WOODS,  
WILLARD Y. GROSS.