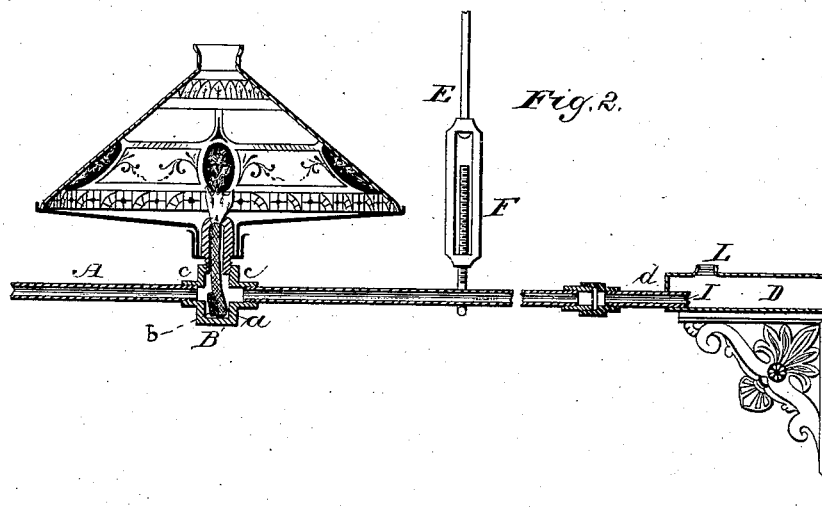
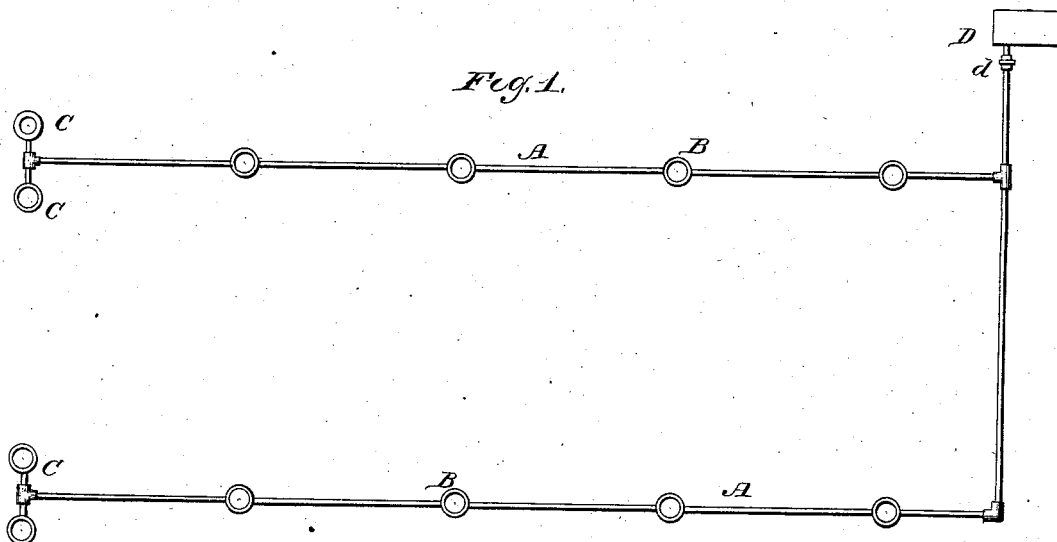


(No Model.)

T. P. THOMPSON.
KEROSENE OIL LAMP.

No. 260,430.

Patented July 4, 1882.



Witnesses.

Anton Schett,
Ernst A. Weirhaar

Inventor:
Thomas P. Thompson

UNITED STATES PATENT OFFICE.

THOMAS P. THOMPSON, OF FRANKLIN GROVE, ILLINOIS.

KEROSENE-OIL LAMP.

SPECIFICATION forming part of Letters Patent No. 260,430, dated July 4, 1882.

Application filed March 27, 1882. (No model.)

To all whom it may concern :

Be it known that I, THOMAS P. THOMPSON, a citizen of the United States, residing at Franklin Grove, in the county of Lee and State of Illinois, have invented certain new and useful Improvements in Kerosene-Oil Lamps; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

The nature of my invention consists in the construction and arrangement of a series of kerosene-oil lamps connected by gas-pipe, and all supplied with oil from one reservoir, and which are especially adapted for lighting stores, churches, public halls, &c., the construction of which will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a plan view of a set of my lamps with reservoir, such as they are generally arranged for lighting a store-room. Fig. 2 is an enlarged sectional view of one of the lamps provided with an ordinary burner and shade, showing swivel and rod by which it is suspended, also showing tank and its connection with the pipe.

Similar letters refer to similar parts throughout the several views.

A represents gas-pipe by which the fonts B and C, also tank (or reservoir) D, are attached, it being all connected so that the oil will flow from the tank D through the pipe A and the fonts B and supply all the fonts with oil. The fonts B and C have a recess, *a*, below the pipe, which serves as a receptacle for the lower end of the wick *b*, so that it will not obstruct the free flow of oil through the said fonts. The upper ends of fonts B and C are provided with threads suitable to receive the ordinary kerosene-lamp burner, as shown in Fig. 2. The inlets and outlets *c c* of all the fonts are threaded to fit gas-pipe. Fonts B and C are virtually both alike, the only difference being font B has an inlet and outlet, while font C has an inlet but no outlet. Font C is used only for the end lamps.

The tank D is filled with oil at L, and supplies all the lamps. It is made flat or shallow, being only from one to two inches deep, according to the size of fonts. The bottom of the said tank is on a level with the bottom of pipe A, and the top of tank on a level or a very little below the top of fonts B and C, thereby making it impossible to overflow the said fonts. The tank may otherwise be made any dimension, according to the number of lamps it supplies and length of time required to burn without filling. It is provided with a strainer, I, at the outlet *d*, which prevents any sediment or dirt from getting into the pipe with the oil.

The tank is stationary, placed on a shelf in some convenient corner of the room, or in an adjoining room, while the balance of the set of lamps are suspended from the ceiling in rods E and screw-swivels F, as shown in Fig. 2, a rod and swivel being used for each burner, placed within a short distance of the fonts, and thereby enabling me to adjust the said fonts so as to be on the exact level with the tank.

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

1. The combination of a series of fonts, B and C, connected horizontally by gas-pipe, suspended in rods and adjustable swivels.

2. The font B, having recess *a*, and provided above said recess with threaded inlet and outlets *cc*, and with threaded opening for a burner, substantially as set forth.

3. A font provided with a screw-threaded inlet on its side to adapt it for connection with a horizontal pipe, a recess extending below such inlet, and a threaded opening for a burner, substantially as set forth.

4. In a set of kerosene-oil lamps, the combination of the fonts B and C, with threaded inlets and outlet *c c*, threaded tops and recesses *a*, pipe A, adjustable swivel F, rod E, and flat tank or reservoir D, all connected and constructed substantially as and for the purpose herein set forth.

THOMAS PETER THOMPSON.

Witnesses:

ERNST A. WEISHAAR,
ANTON SCHOTT.