

SIMPSON & EDMUNDS.

Lamp Extinguisher.

No. 66,526.

Patented July 9, 1867.

Fig. 2

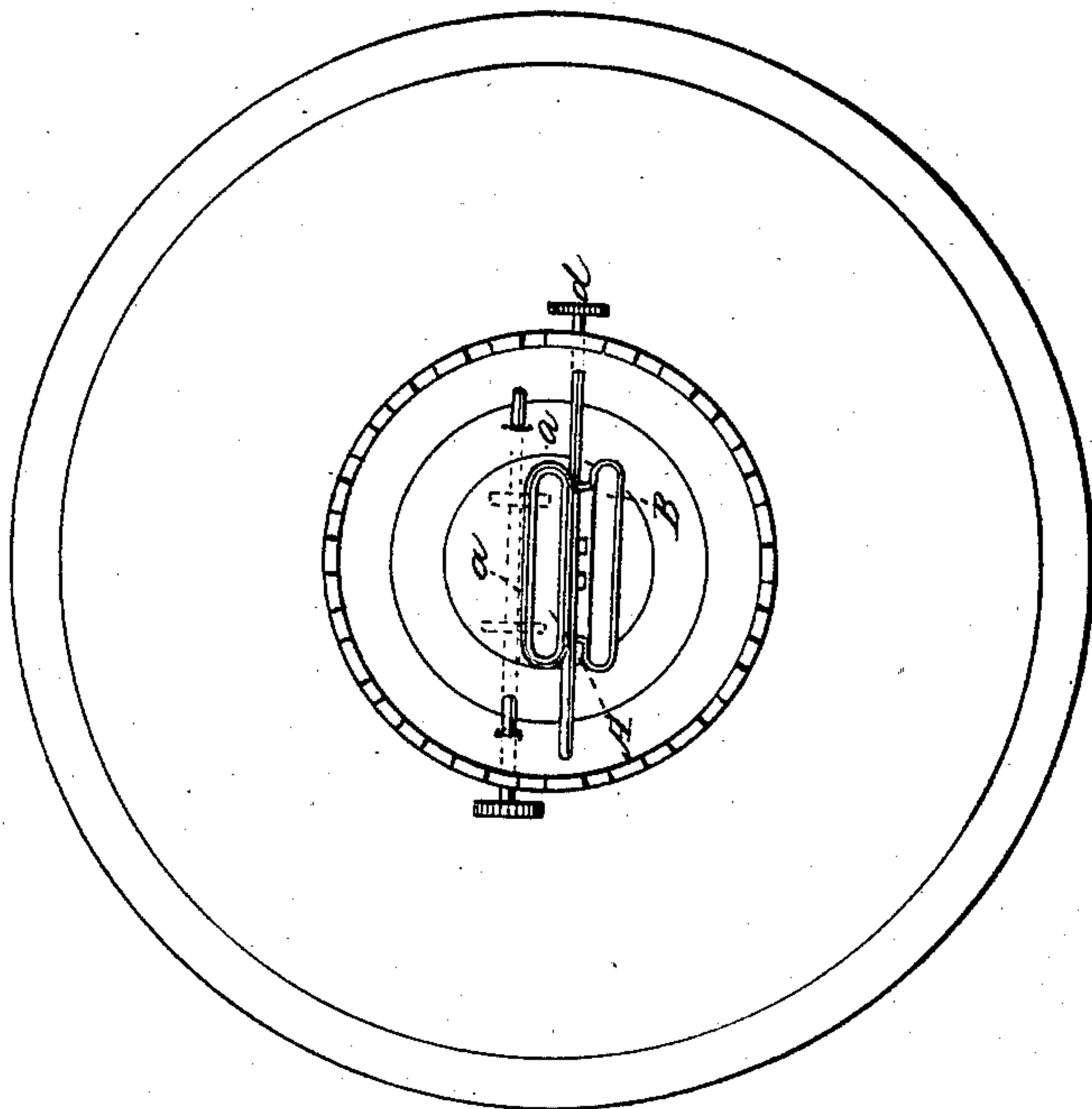
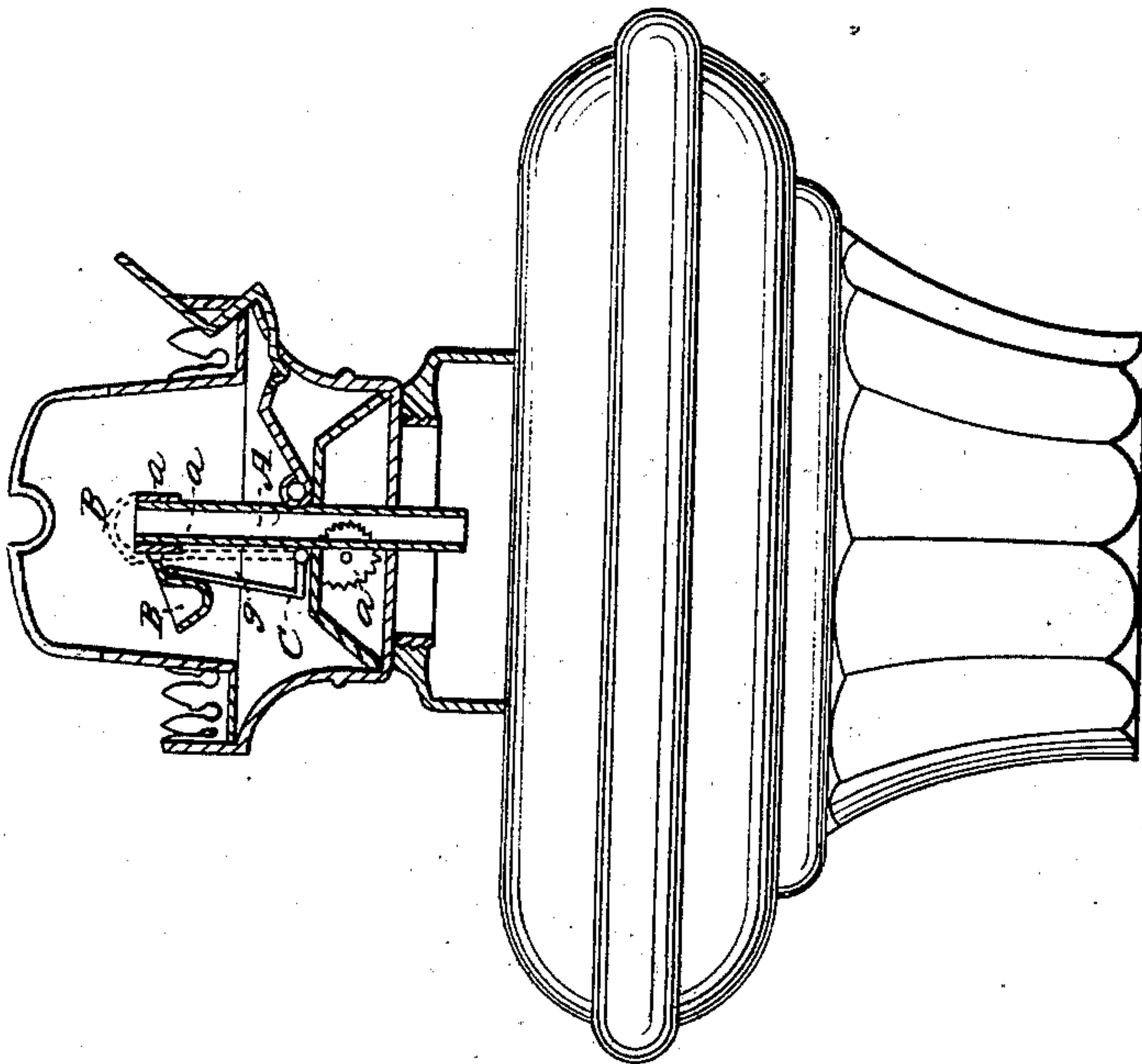


Fig. 1



Witnesses:

J. F. Johnson
James F. Wood

Inventors:

George Simpson
Wm. H. Edmunds
By: Attorney J. B. Woodruff

United States Patent Office.

GEORGE SIMPSON AND WILLIAM H. EDMUNDS, OF WATERBURY, VERMONT.

Letters Patent No. 66,526, dated July 9, 1867.

IMPROVEMENT IN LAMP-EXTINGUISHER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, GEORGE SIMPSON and WILLIAM H. EDMUNDS, both of the town of Waterbury, in the county of Washington, in the State of Vermont, have invented certain new and useful Improvements in Extinguishers for Coal-Oil Burners; and the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a vertical edge-view section through the wick-tube, and the hinged cap, and mechanism for operating it to open and close.

Figure 2 shows a plan or top view of the same.

The object of our invention is to prevent the smoke and smell of coal-oil lamps, when the wick is turned down to extinguish the light, and consists of a cap hinged to the socket on the top of the wick-tube, a coupling-bar, and crank to open and close the cap by a thumb-nut.

To enable others to make and use our invention, we will describe it more fully, referring to the drawings and the letters marked thereon.

To the wick-tube A of a common coal-oil burner we fit a socket, *a a*, to slide over at the top, to which is hinged a concave cap, B, which is connected with a crank, C, by a coupling-rod, *b*, so that by a quarter turn of the crank C the cap B is placed over the top of the wick-tube A, and held firmly on; the crank-bar bearing against the tube so that the cap C will press on the wick and close the tube, and can be turned off only by turning the nut *d*, changing the position of the crank C.

Thus it will be seen that a very perfect and efficient extinguisher can be put on to any of the ordinary coal-oil burners, at an expense so trifling as not to add materially to the original cost, and which is very desirable, both for safety and comfort. Another advantage in covering the wick when the light is not burning is that the wick does not dry up and is much easier relighted, and the gas is prevented from generating and escaping by the evaporation of the oil.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The combination of the socket *a a* with the hinged cap B, connecting-rod *b*, crank C, and wick-tube A, constructed and operating substantially in the manner herein described, for the purposes herein set forth.

Subscribed to on this 30th day of March, 1866, before us—

Witnesses:

A. H. WELLS,
EDWIN F. PALMER.

GEORGE SIMPSON,
WILLIAM H. EDMUNDS.