

W. A. KOWALSKI.
ARTIFICIAL CANDLE.

No. 176,320.

Patented April 18, 1876.

Fig. 1.

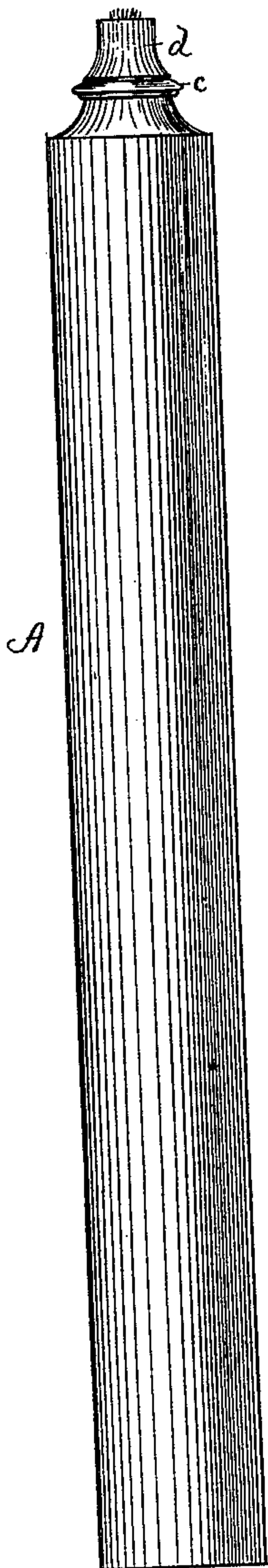
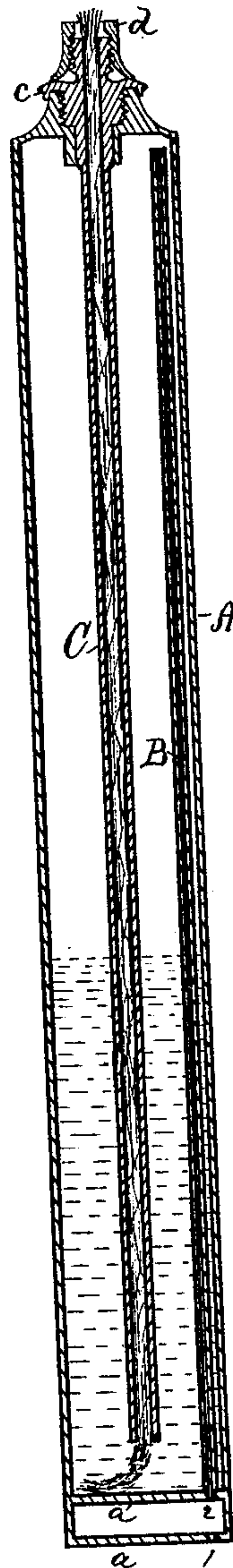


Fig. 2.



Witnesses.

J. C. Hubbell
J. J. Roach.

Inventor

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UNITED STATES PATENT OFFICE

WLADISLAW A. KOWALSKI, OF NEW ORLEANS, LOUISIANA.

IMPROVEMENT IN ARTIFICIAL CANDLES.

Specification forming part of Letters Patent No. **176,320**, dated April 18, 1876; application filed February 28, 1876.

To all whom it may concern:

Be it known that I, WLADISLAW A. KOWALSKI, a resident of the city of New Orleans and State of Louisiana, have invented a certain new and useful Improvement in Artificial Candles; and I do hereby declare the following to be a full, clear, and correct description of the same, reference being had to the annexed drawing, making a part of this specification.

My invention in appearance resembles an ordinary candle, for which it is intended as an economical substitute. Its chief merits are cleanliness, durability, and economy, and its light is as good, if not better, than that of an ordinary candle; but my invention will be better understood by referring to the drawing, whereon—

Figure 1 is a side view, and Fig. 2, a section thereof.

A represents the casing, which may be made of metal, or of any other suitable material. Its outer surface is painted or enameled in imitation of sperm, wax, or other candles, and its lower end is provided with a double bottom *a a'*, through each of which is an air-inlet, 1 2. On the inside of *a'*, and immediately over inlet 2, is soldered, or otherwise

secured, a small hollow tube, B, for conducting fresh air to the interior of the candle, at a point above the fluid with which it is filled, to assist combustion. The wick-tube C is furnished with a threaded head, *c*, which is screwed into the top of the candle, as shown. *d* is a small cap, which operates on the upper threaded stem of *c*, for the purpose of exposing more or less of the wick, so as to increase or diminish the size and brilliancy of the flame.

An important feature in this invention is the introduction of a silk wick, by means of which a smokeless flame is obtained.

I claim as new—

An artificial candle, composed of the casing A, provided with a double bottom *a a'*, having air-inlets 1 2 and tube B, in combination with the wick-tube C, provided with threaded head *c*, cap *d*, and a silk wick, as and for the purpose set forth.

This specification signed this 17th day of February, 1876.

W. A. KOWALSKI.

Witnesses:

H. N. JENKINS,

ALFRED W. J. MASON.