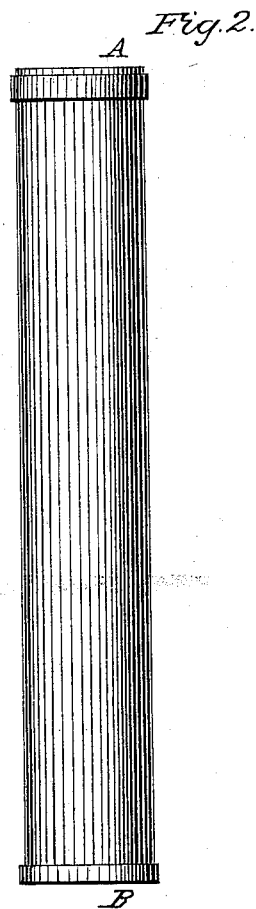
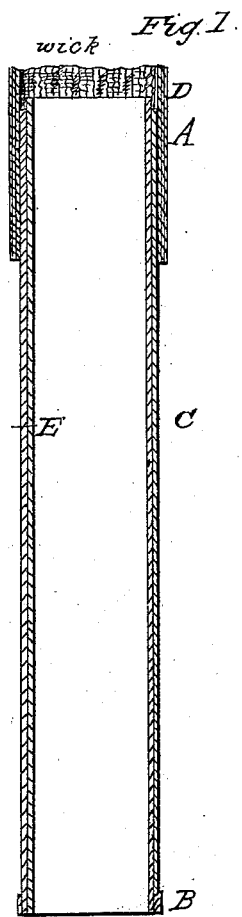


C. WEST.  
Lamp.

No. 3,781.

Patented Oct. 7, 1844.



# UNITED STATES PATENT OFFICE.

CHRISTOPHER WEST, OF BALTIMORE, MARYLAND.

## CONSTRUCTION OF LAMPS.

Specification of Letters Patent No. 3,781, dated October 7, 1844.

*To all whom it may concern:*

Be it known that I, CHRISTOPHER WEST, of the city of Baltimore and State of Maryland, have invented a new and useful Improvement in Lamps, which is described as follows, reference being had to the annexed drawings, making part of this specification.

Figure 1 is a side elevation.

This improvement consists in combining with the wick tube or cylinder C two cylindrical rings A, B, whose inner diameters are the same as the outer diameters of the said tube C over which they are placed and secured—that which is placed at the lower end of the tube (B) being narrow and placed even with the lower end of the tube and that which is next the upper end of the tube (A) being made about four times as wide as the lower ring and placed and secured on the outside of the tube about one-sixteenth of an inch below its upper end leaving a space D above the ring to catch the gum arising from the burning of camphene or turpentine oil and a shoulder to hold it. And the rings thus arranged form a cylindrical space E between the said rings and on the outside of the tube to receive the annular cloth conductor placed therein which is thus protected and prevent-

ed from becoming deranged in its position on the periphery of the tube or puckered as it is termed in putting the annular wick over said conductor and tube—the lower ring acting as a circular guard to open the way for the introduction of the tube and conductor to the interior of the wick without causing any friction or rubbing of the outer surface of the conductor against the inner surface of the wick.

The upper ring corresponds in diameter with the lower ring or guard and serves also another purpose from that described above of pressing the wick equally against the inside of the cylinder that usually surrounds the wick and tube—and making the pressure equal to that produced by the lower ring and the conductor.

What I claim as my invention and which I desire to secure by Letters Patent consists in—

The combination of the rings A B with the tube C in the manner and for the purpose above described.

CHRISTOPHER WEST.

Witnesses:

WM. P. ELLIOT,  
T. C. DONN.