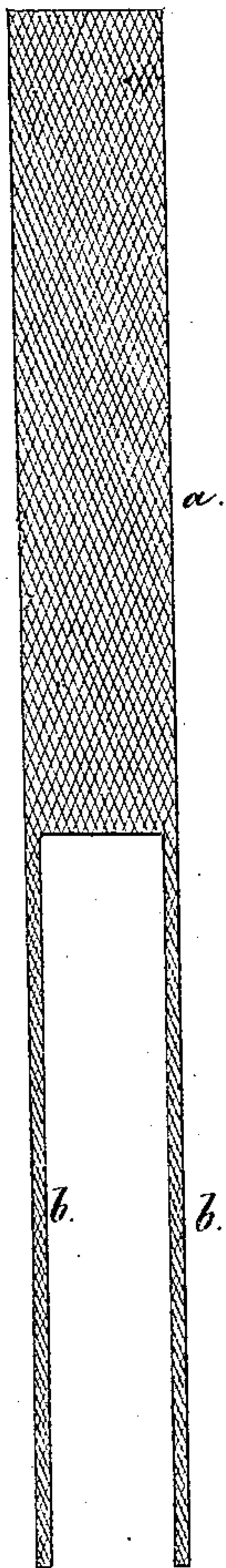


JOHN FARRELL.

Improvement in Lamp Wicks.

No. 115,045.

Patented May 23, 1871.



Witnesses,

Chas. H. Smith
Geo. A. Walker

John Farrell,
Leamuel W. Farrell
Atty.

UNITED STATES PATENT OFFICE.

JOHN FARRELL, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN LAMP-WICKS.

Specification forming part of Letters Patent No. 115,045, dated May 23, 1871.

To all whom it may concern:

Be it known that I, JOHN FARRELL, of Brooklyn, in the county of Kings and State of New York, have invented and made an Improvement in Lamp-Wicks; and the following is declared to be a correct description thereof.

Lamp-wicks are usually made either flat or round, and of a length to reach the oil or hydrocarbon liquid in the reservoir. Considerable of the wick is always wasted, because the length of the same must always be sufficient to reach from the wick-tube to the fluid when at the lowest level to which it is to be burned.

I have discovered that, with coal-oils and other limpid hydrocarbon liquids, it is not necessary to have the wick itself extend down to the liquid, or be prolonged by a stationary wick of the same size as itself, but that a capillary cord, extending from the lower end of the wick into the burning fluid, will supply sufficient of said fluid to the wick for the purposes of combustion.

My invention therefore relates to a new article of manufacture, consisting of a lamp-wick with a capillary cord or cords extending from its lower end. This article can be made much cheaper than the wicks heretofore em-

ployed, because there is a saving of the fibrous material. The entire wick can be used so long as the body of the wick will extend from the end of the wick-tube to the wick-raising device in the burner, and the supply of the fluid, being through such cords, will be uniform, and there will not be either an unsightly wick filling a small reservoir, or the risk of the end of the wick bending up out of the reach of the oil, because the thin cord will hang down of its own weight.

In the drawing I have shown an elevation of my said wick, the upper part *a* being either flat or circular, and the capillary cord or cords *b* extending from the lower end of such wick. I prefer to use two capillary cords, *b*, with a flat wick, the same extending from the edges of the wick.

I claim as my invention—

The lamp-wick, made with a capillary cord extending from its lower end, as a new article of manufacture.

Signed by me this 31st day of March, A. D. 1871.

JOHN FARRELL.

Witnesses:

CHAS. H. SMITH,
GEO. T. PINCKNEY.