

B. F. WALTON.

Lamp Wick.

No. 52,231.

Patented Jan'y 23, 1866.

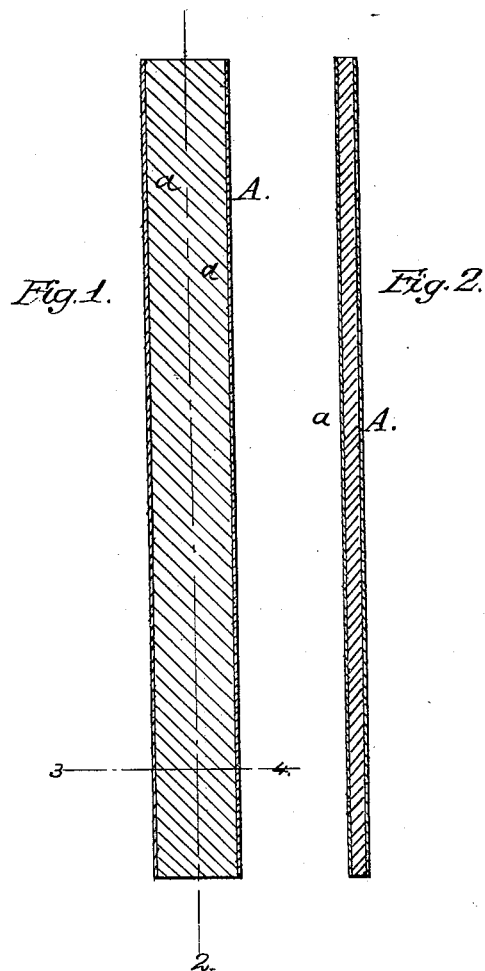


Fig. 3.



Inventor:

B. F. Walton

By his Attorney
H. H. Brown
per C. E. Hall

Witnesses
W. H. Delany.
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UNITED STATES PATENT OFFICE.

BENJAMIN F. WALTON, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN LAMP-WICKS.

Specification forming part of Letters Patent No. 52,231, dated January 23, 1866.

To all whom it may concern:

Be it known that I, BENJAMIN F. WALTON, of Philadelphia, Pennsylvania, have invented an Improved Lamp-Wick; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention consists in a lamp-wick composed of fibrous strands contained within an outer covering of paper, as set forth.

In order to enable others to make and use my invention, I will now proceed to describe its construction.

On reference to the accompanying drawings, which form a part of this specification, Figure 1 is a sectional view of my improved lamp-wick; Fig. 2, a section on the line 1 2, Fig. 1, and Fig. 3 a section on the line 3 4, Fig. 1.

A is a flat tube of porous paper, within which are strands or fibers, *a a a a*, of cotton lamp-wick, the strands lying parallel with each other, and extending the entire length of the paper tube. This wick is inserted in the burner of the lamp in the usual manner, and it has been found, after repeated tests, that the oil is con-

veyed by it more readily to the flame than by the ordinary knitted wick, and that it is not liable to become clogged or choked by gummy matters in the oil, as are wicks in which the strands of cotton are closely knit together.

It will be seen that this wick is simple in its construction, and that it can be easily manufactured at a small cost.

If desirable, strands of hemp or other suitable material may be substituted for the cotton.

I wish it to be understood that I do not desire to claim, broadly, a wick composed partly of paper and partly of textile fabrics or fibers; but

I claim as my invention, and desire to secure by Letters Patent—

A wick composed of fibrous strands contained within an outer covering of paper, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

B. F. WALTON.

Witnesses:

CHARLES O. FOSTER,
JOHN WHITE.