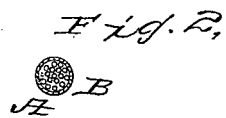
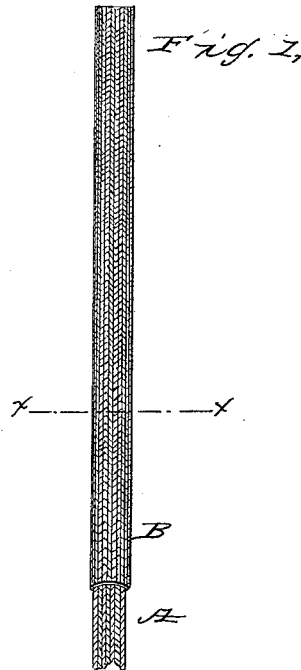


P. NOYES.

Lamp Wick.

No. 51,611.

Patented Dec. 19, 1865.



WITNESSES:

Theo. Lusch
Wm. Churru

INVENTOR:

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UNITED STATES PATENT OFFICE.

PERSON NOYES, OF LOWELL, MASSACHUSETTS.

IMPROVEMENT IN LAMP-WICKS.

Specification forming part of Letters Patent No. 51,611, dated December 19, 1865.

To all whom it may concern:

Be it known that I, PERSON NOYES, of Lowell, in the county of Middlesex and State of Massachusetts, have invented a new and Improved Lamp-Wick; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an external view of my invention; Fig. 2, a transverse section of the same, taken in the line *x x*, Fig. 1.

Similar letters of reference indicates corresponding parts.

This invention relates to a new and improved lamp-wick, and has for its object the constructing of the wick in such a manner that it may be adjusted (raised and lowered) in the wick-tube by means of a serrated wheel, and always be under the perfect control of said wheel.

There has hitherto been a great difficulty in adjusting lamp-wicks in their tubes by means of serrated wheels, the wick, if supplying the flame properly by capillary attraction, being too loose to be operated upon perfectly by a serrated wheel, the latter being inclined to catch and stick in the loose texture, and if the wick be made sufficiently hard or compact to obviate this difficulty, another one presents itself in the form of a lack of capillary attraction, and the flame consequently is poorly supplied with the burning-fluid or oil.

My invention, it is believed, fully obviates these difficulties; and to this end it consists in inclosing a series of loose fiber longitudinally within a case, knit or woven, so as to form a close or compact covering for the loose fiber, and, without interfering in the least with the capillary attractive power of said fiber, form a firm or compact exterior for the serrated wheel to act upon.

In the accompanying drawings, A represents the body or main portion of the wick-tube, which is composed of a series of loose fibers, cotton or other suitable material being used, adjusted together longitudinally and covered by a case, B, which is knit or woven compactly so as to render the wick stiff and give it a firm exterior and admit of the serrated wheel acting properly upon it, and without danger of sticking or catching into its texture, while at the same time the case or cover will not interfere with the free ascent of the fluid or oil through the loose body or filling of the wick.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A wick for lamps, composed of a case or covering, B, formed of a closely knit or woven fabric, filled with loose longitudinal fibers A, substantially as and for the purpose herein set forth.

PERSON NOYES.

Witnesses:

CHAS. HUNT.

WM. H. HUNT.