W. C. PETTIJOHN.

Lamp-Wicks.

No. 149,880. Patented April 21, 1874.

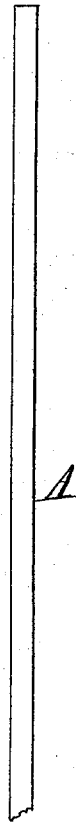

FIG. 1.

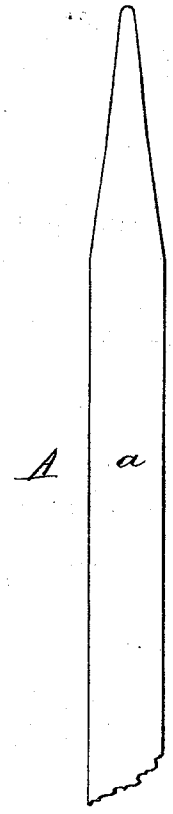

FIG. 2.

WITNESSES.

Ch. Rousseau.

Chas Meisner.

INVENTOR.

William C. Pettijohn

per Herthel & Co

Attys.

AM. PHOTO-LITHOGRAPHIC Co. N. Y. (OSBORNE'S PROCESS.)

UNITED STATES PATENT OFFICE.

WILLIAM C. PETTIJOHN, OF OZARK, MISSOURI.

IMPROVEMENT IN LAMP-WICKS.

Specification forming part of Letters Patent No. **149,880**, dated April 21, 1874; application filed February 18, 1873.

To all whom it may concern:

Be it known that I, WILLIAM C. PETTIJOHN, of Ozark, Christian county, and State of Missouri, have invented a certain Improved Wick for Lamps, &c., of which the following is a specification:

This invention consists in the application and use of tripoli as a wick material, to supply the place of ordinary lamp-wicks.

The tripoli here treated of is, by its natural formation, peculiarly adapted for wick purposes, insuring a process of capillary attraction far superior to the ordinary wick material, giving a brighter and steadier light, without any uncleanliness, and with the further advantages of being a cheaper, more durable, and more reliable material.

Figure 1 of the drawing represents an edge elevation of an elongated flat wick of tripoli; Fig. 2, a rounded tripoli wick with tapering top.

The tripoli wick A can be of any ordinary construction, or have a thickened end, *a*, for strength, and to facilitate the feed of the fluid matter. Usually the lamp-burners have their wick-tubes of an elongated flat form; the tripoli wick to be applied will be formed of similar shape, to fit, when placed, as an ordinary wick, through the wick-tube. The tripoli wick will then slightly protrude above the wick-tube, and at the bottom extend to reach within the fluid of the lamp.

As the tripoli in its natural state can be cut to any shape desired, it may be adapted to any shaped burner, or made suitable for various lighting purposes, and otherwise in its use it can subserve the same purposes as ordinary wicks.

Having thus fully described my said invention, what I claim is—

A capillary medium or wick of solid tripoli, as and for the purpose set forth.

In testimony of said invention I have hereunto set my hand in presence of witnesses.

WILLIAM C. PETTIJOHN.

Witnesses:

WILLIAM W. HERTHEL,

CHAS. MEISNER.