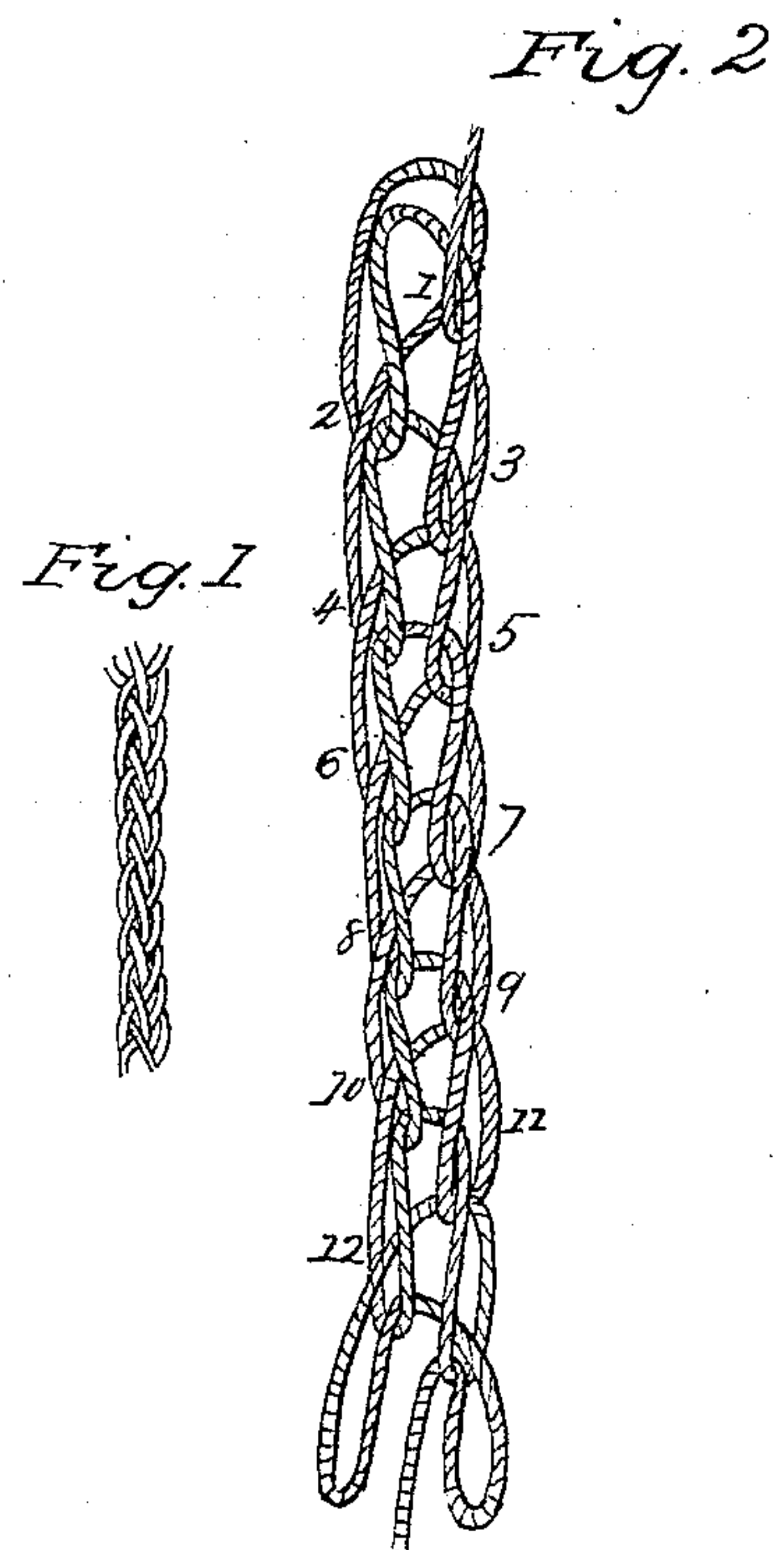


J. Y. LESLIE.

Lamp Wick.

No. 21,890.

Patented Oct. 26, 1858.



UNITED STATES PATENT OFFICE.

J. Y. LESLIE, OF BROOKLYN, NEW YORK.

LAMP-WICK.

Specification of Letters Patent No. 21,890, dated October 26, 1858.

To all whom it may concern:

Be it known that I, JAMES Y. LESLIE, of the city of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Wick for Candles and Lamps; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure I represents a longitudinal view of a piece of the wick. Fig. II represents the same plaited loosely to show its structure.

My improved wick is made by enchaining a series of loops in a single yarn in the following manner:—A loop is first formed as indicated by "1," in Fig. II, and then a second indicated by "2," is formed without being taken through the first. The third one formed is taken through the first, the fourth through the second, the fifth through the third, the sixth through the fourth, and so on indefinitely as illustrated in Fig. II, where the loops are numbered in the order of their formation.

The enchaining or plaiting of the yarn in the above manner may be effected by many different means, for instance, it could be done by the fingers without the use of in-

struments or by knitting needles in the hand, but the most rapid method of producing it would be by knitting in a knitting machine, in which it would be done upon two needles arranged back to back by forming the loops around and around the said needles upon one and the other alternately.

Wick made in the manner above specified is of a peculiar cellular structure which renders it superior to the wicks heretofore used, both for lamps and candles, not only on account of its providing for a freer flow of the illuminating substance to the point of combustion but on account of the air being permitted to enter from the outside to the very center of it, to supply its oxygen to the very center of the flame, and produce an extremely perfect combustion.

Having thus described my invention I claim and desire to secure by Letters Patent as a new article of manufacture,

A lamp wick composed of a single yarn when double-looped as herein shown and described.

JAMES Y. LESLIE.

Witnesses:

W. TUSCH,
W. HAUFF.