

Freeman Augustus Taber.
Manufacture of Tubular Candles.

103388

PATENTED MAY 24 1870

Witnesses.
E. Griffith.
Geo. A. Leoring.

Freeman Augustus Taber.
by his Attorney
Frederick Curtis.

Fig. 1.

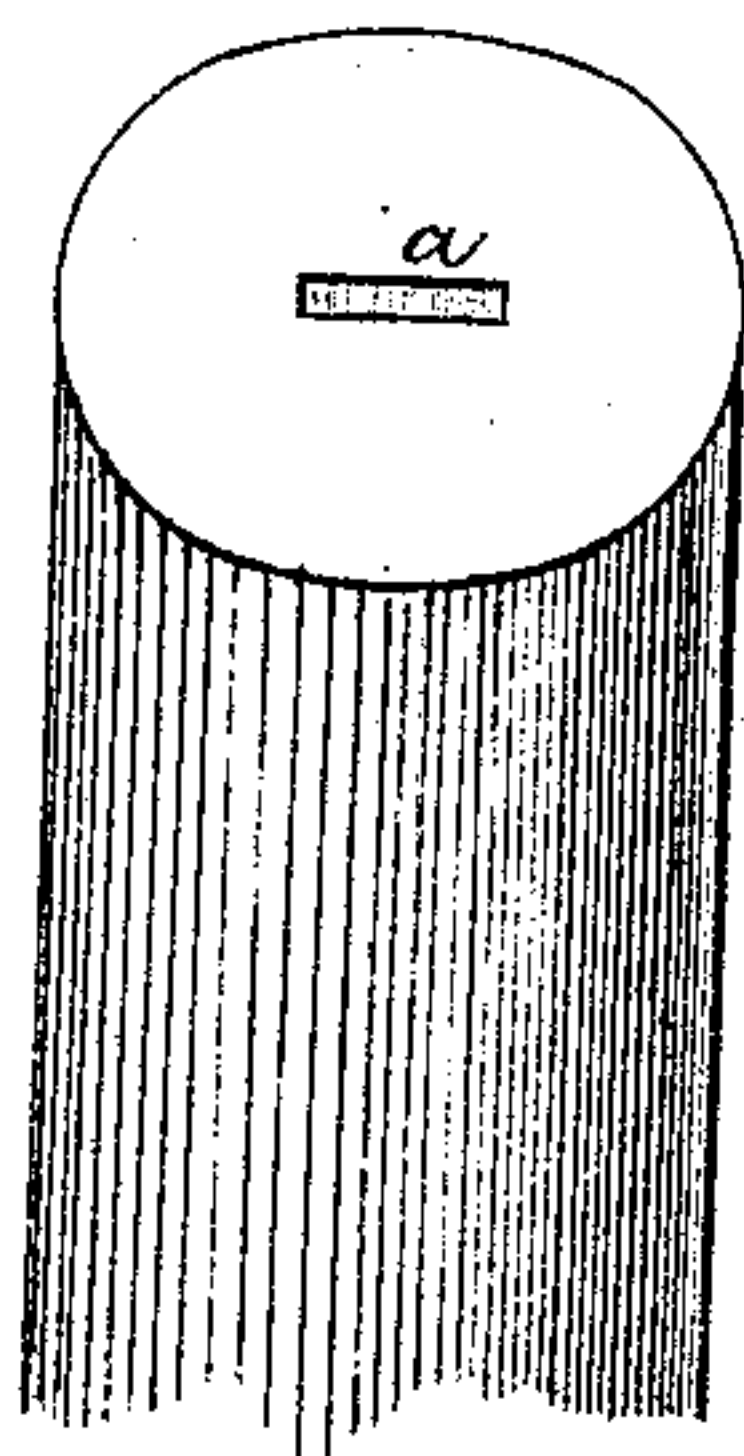


Fig. 2.

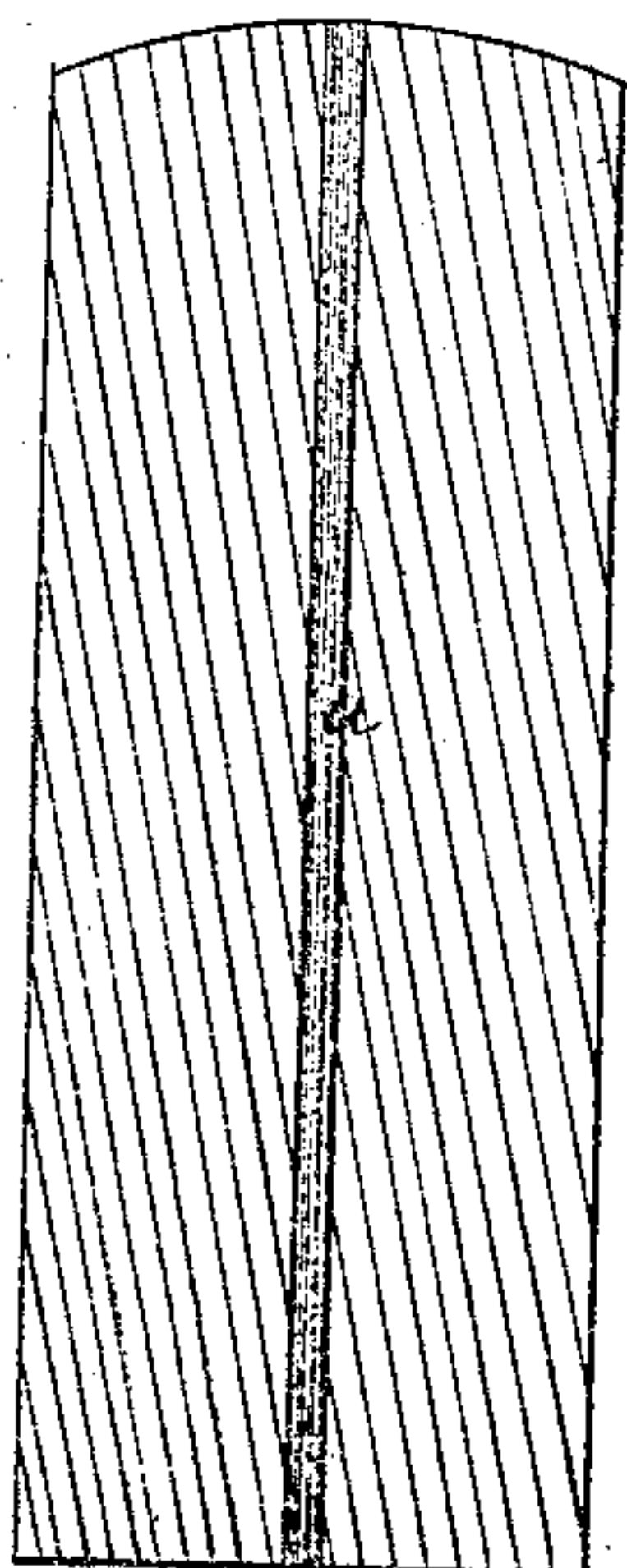
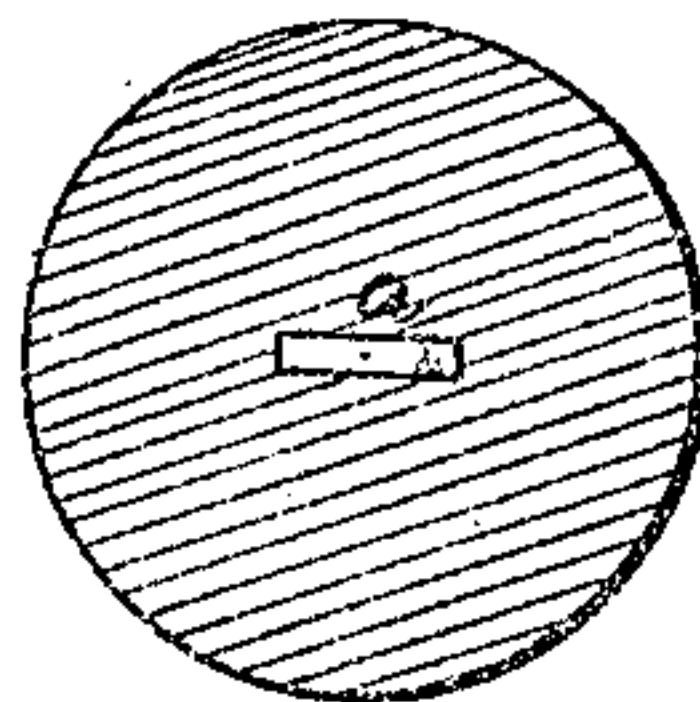


Fig. 3.



United States Patent Office.

FREEMAN AUGUSTUS TABER, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 103,388, dated May 24, 1870.

IMPROVEMENT IN THE MANUFACTURE OF TUBULAR CANDLES.

The Schedule referred to in these Letters Patent and making part of the same.

To all to whom these presents shall come:

Be it known that I, FREEMAN AUGUSTUS TABER, of Boston, in the county of Suffolk and State of Massachusetts, have made an invention of a new and useful or Improved Manufacture of Tubular Wickless Candles; and do hereby declare the following to be a full, clear, and exact description thereof, due reference being had to the accompanying drawings making part of this specification, and in which—

Figure 1 is a perspective view, and

Figure 2, a longitudinal section of a candle embodying my invention,

Figure 3 being a cross-sectional view of the same.

This invention relates to candles for use in mechanical candlesticks, or, more properly speaking, lamps, similar to such as are exhibited in Letters Patent No. 89,811 of the United States, and issued to me, FREEMAN AUGUSTUS TABER, on the 4th day of May, 1869, as well as in an application for a patent, filed by Thomas Scott Williams and FREEMAN AUGUSTUS TABER, recently, and in which an independent flat wick is employed, to obtain a large amount of light.

As such a construction of lamp requires, as stated, a flat wick, and as such wick is operated mechan-

ically within an analogous-shaped tube, inserted within the candle, it results that I must employ a tubular candle, with an orifice or bore to correspond to and coincide with the form of the wick-tube, since the latter, under certain conditions, is moved up and down within such bore, and the candle is moved up and down over such tube or wick, or both.

To this end I produce a candle of ordinary form, with the exception that I create longitudinally or axially through the same a passage or bore, which is flattened or oblong in cross-section, as shown at *a* in fig. 1 of the accompanying drawings, to receive and inclose a wick-tube of similar shape, and which can slide over such tube when required, or over a wick alone.

Claim.

I claim, as an improved article of manufacture, and for the purposes specified, a tubular candle, whose bore is flattened or oblong in cross-section, to receive a flat wick or wick-tube, or both.

FREEMAN AUGUSTUS TABER.

Witnesses:

FRED. CURTIS,
E. GRIFFITH.

Assignor to Thomas Scott Williams & Philip Sidney Page.