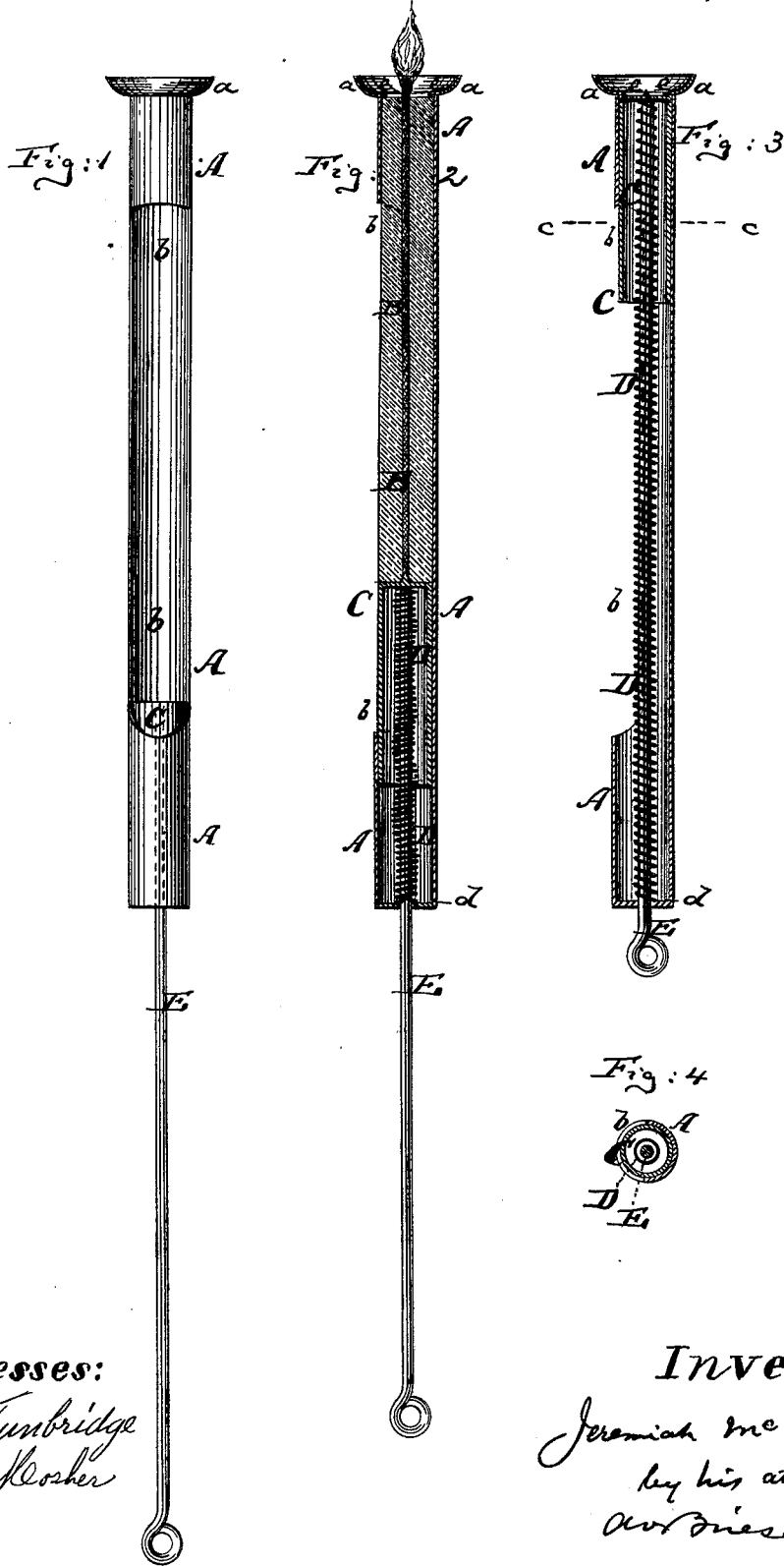


J. McCARTHY.
Candlestick.

No. 200,661.

Patented Feb. 26, 1878.



Witnesses:

J. C. Tunbridge
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UNITED STATES PATENT OFFICE.

JEREMIAH McCARTHY, OF SPRINGFIELD, MASSACHUSETTS, ASSIGNOR TO
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IMPROVEMENT IN CANDLESTICKS.

Specification forming part of Letters Patent No. **200,661**, dated February 26, 1878; application filed
January 30, 1878.

To all whom it may concern:

Be it known that I, JEREMIAH McCARTHY, of Springfield, county of Hampden, and State of Massachusetts, have invented a new and Improved Holder for Candle-Tubes, of which the following is a specification:

Figure 1 is a side view of my improved holder for candle-tubes. Fig. 2 is a longitudinal section thereof, showing it to contain a candle. Fig. 3 is a similar section thereof, as it appears when the candle is removed; and Fig. 4 is a cross-section thereof on the line *c c*, Fig. 3.

Similar letters of reference indicate corresponding parts in all the figures.

Holders for candle-tubes used in churches, &c., were heretofore made with removable caps, so that the candles could be inserted from above when the cap was withdrawn. A spiral spring was inserted within the hollow body of the holder to press against the candle and hold it against the cap. Such holders were defective, as they were liable to become clogged by the drippings from the candles, and as they were very difficult to clean. In fact, these drippings frequently rendered the entire device inoperative on coming in contact with and clogging the spring.

My invention consists, principally, in constructing the holder with an opening in the side for the insertion of the candle, thus dispensing with the removable cap.

It also consists in the combination, with said holder, of a spring-plunger having a guide-rod, which can be used for cleaning the holder, and also for moving the plunger into any suitable position.

In the drawing, the letter A represents the tubular candle-holder, made with a flange, *a*, at its upper end, so that it may, by said flange, be held suspended within a suitable ornamented candle-tube.

The holder A has a long opening, *b*, at one side, said opening extending nearly from the lower to near the upper end of the holder, as clearly shown in Figs. 1, 2, and 3. The width of the opening *b* is at least equal to the semi-

periphery of the tubular holder, so that through said opening a candle, B, of a size equaling the inner diameter of the holder may be inserted. C is a sliding plunger, placed into the tubular holder A, and connected with a spring, D, which rests on the bottom *d* of the holder. This spring tends to raise the plunger and to press it against the candle B, and also to hold and feed said candle against the inwardly-projecting annular rim *e*, which lines the otherwise open upper end of the holder A, as indicated in Fig. 2. A straight rod, E, connects with the under side of the plunger C, and extends through the bottom *d* of the holder, as shown.

For inserting a candle, the plunger is drawn down by pulling on the rod E. The parts are then in the position shown in Fig. 1, and the opening *b* is free for receiving the candle. The spring is compressed to its fullest extent. After the candle has been introduced the plunger is let go, and crowds the candle against the rim *e*, as shown in Fig. 2. The holder can now be inserted in the candle-tube. Drippings from the candle cannot reach the spring; but even should they enter the holder A at all, they can be rapidly cleaned out by moving the plunger back and forward by means of the rod E, and also by causing it to be a few times rapidly shot upward by the spring D.

I claim—

1. The holder A for a candle-tube, said holder having a side opening, *b*, for the insertion of the candle, and the inwardly-projecting rim *e*, in combination with a spring-plunger, substantially as herein shown and described.

2. In combination with the holder A, having side opening *b* and rim *e*, the plunger C, spring D, and rod E, said rod extending through the bottom of the holder, substantially as herein shown and described.

JEREMIAH McCARTHY.

Witnesses:

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