

J. H. FOOTE.
Candle Cap.

No. 84,103.

Patented Nov 17, 1868.

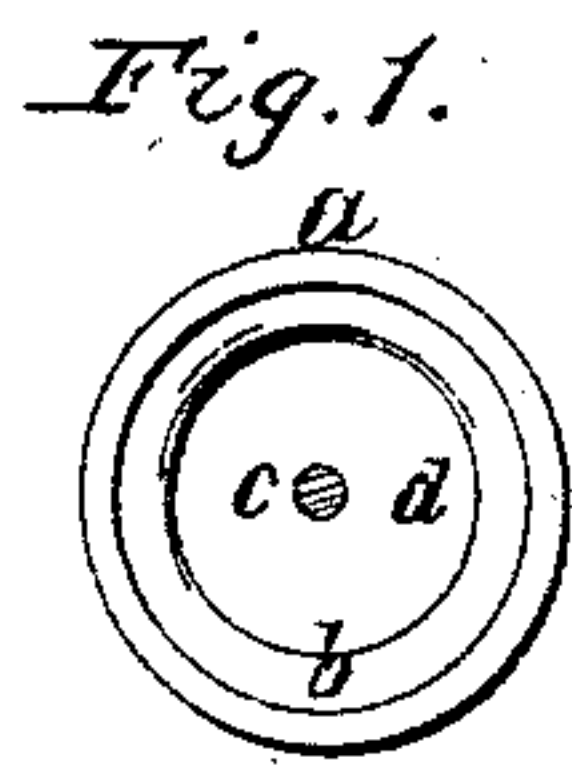


Fig. 3.

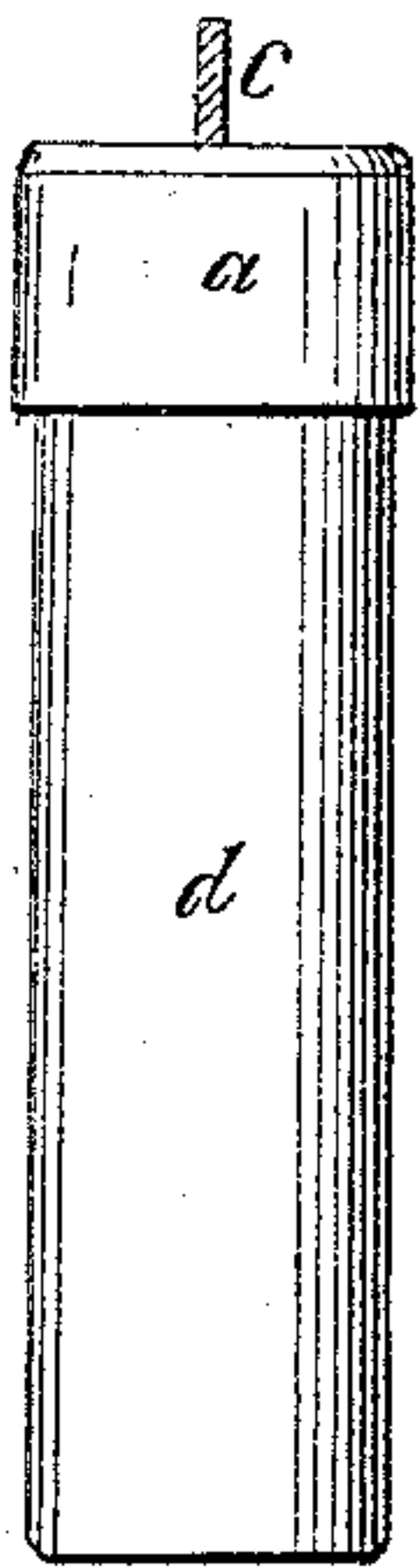


Fig. 4.

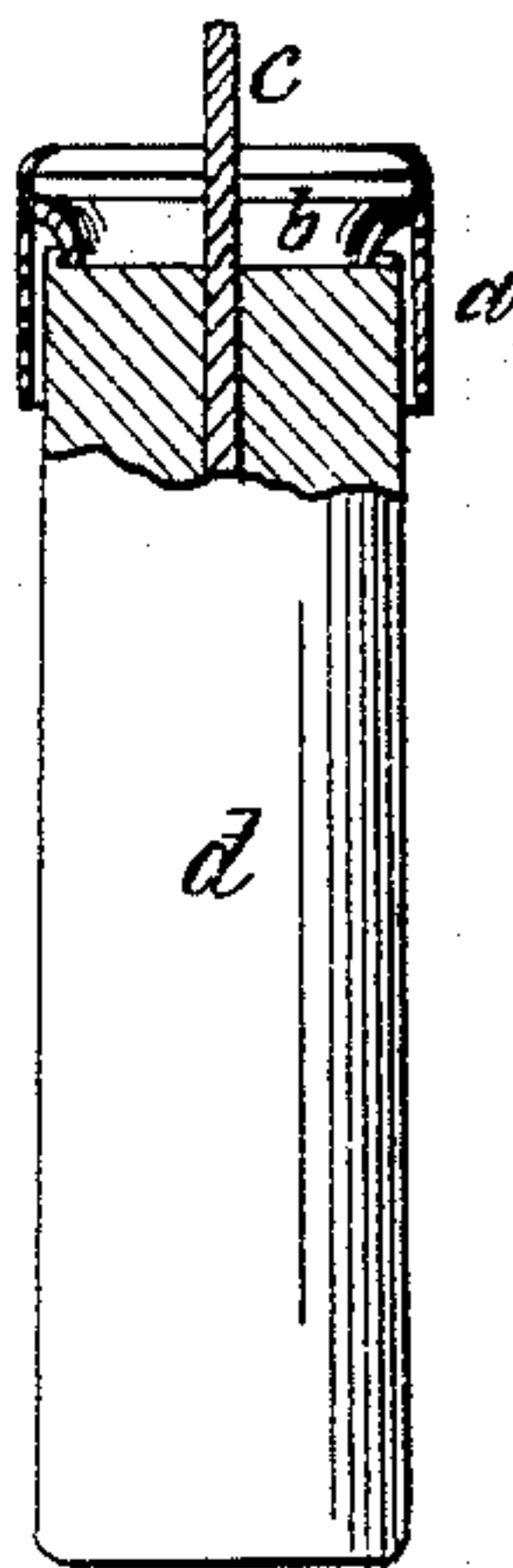
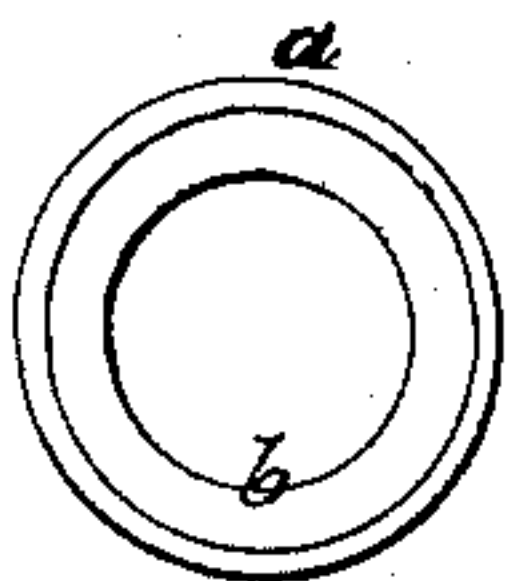


Fig. 2.



Witnesses.

John A. Hall
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Inventor.

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JAMES H. FOOTE, OF PITTSFIELD, MASSACHUSETTS.

Letters Patent No. 84,103, dated November 17, 1868.

IMPROVEMENT IN CANDLE-CAPS.

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

To all whom it may concern:

Be it known that I, JAMES H. FOOTE, tinner, of Pittsfield, in the county of Berkshire, and State of Massachusetts, have made and invented a new and useful Candle-Cap; and I do hereby declare that the following is a full, clear, and exact description of the construction and manner of using the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a plan or top elevation;

Figure 2, a bottom elevation of the same;

Figure 3, a side elevation of the same, as applied to a candle; and

Figure 4, a vertical section of the same through line *w-x*, as applied to a candle.

The object of my invention is to provide a cap for common tallow, wax, or spermaceti candles, of such a nature as to prevent the same from melting and "running down" on one side faster than at other points, and further, to prevent the casual dropping of melted tallow or wax on floors, carpets, &c., when lighted candles are suddenly moved or carried rapidly from place to place.

In practising my invention, I provide a light metallic ferrule, *a*, half an inch in length, or thereabouts, and of a diameter a little greater than that of an ordinary

candle, and I contract such ferrule slightly at the top, as seen in figs. 3 and 4.

I also provide a thin annular flange-rest, *b*, and attach the same to the inside of ferrule *a*, near the top thereof, as seen in fig. 4, the inner edge of such flange-rest being bent, curved, or inclined downwards.

The opening through flange-rest *b*, I make about half an inch in diameter, or something less than that of an ordinary candle.

Thus constructed, I place the cap on top of the candle *d*, the wick, *c*, of which projects through and above ferrule *a* and flange-rest *b*.

The flange-rest *b* supports the ferrule *a* always in the same relative position to the light, and both together prevent the uneven melting and wasting of the candle, and also the casual dropping of the melted wax or tallow.

Thus having described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

A candle-cap, *a*, when provided with an annular flange-rest *b*, in the form and manner described, as a new article of manufacture.

Witnesses:

GEO. W. LEWIS,
SIDNEY SANDERS.

JAMES H. FOOTE.