

H. SMITH.
Candle-Holder.

No. 161,360.

Patented March 30, 1875.

Fig. 1.

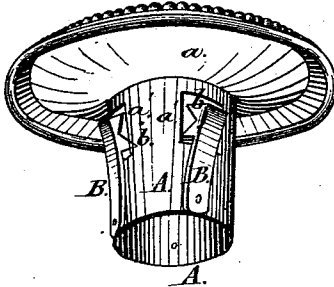


Fig. 2.

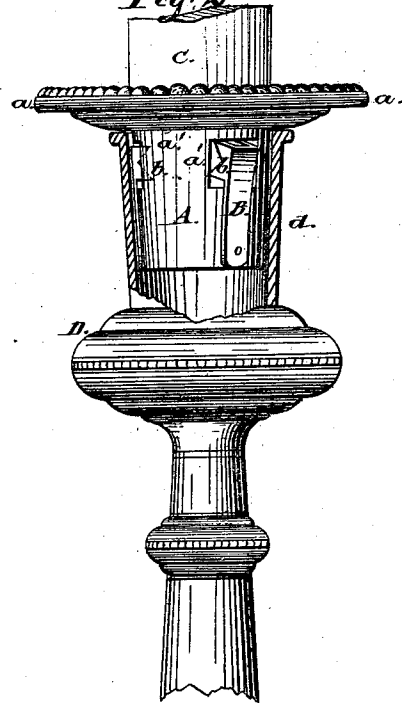


Fig. 3.

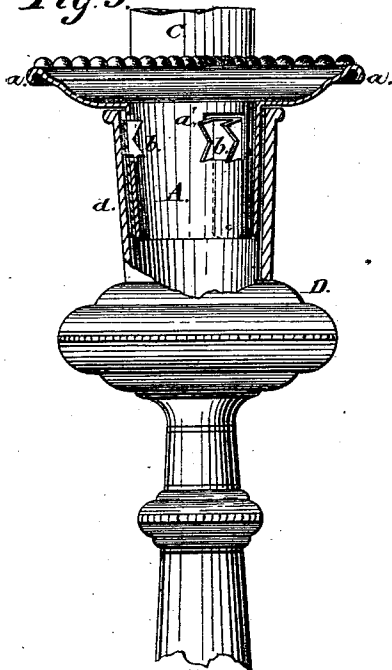
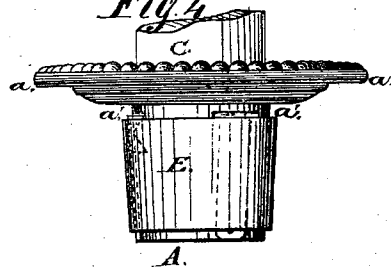


Fig. 4.



Witnesses:
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Inventor:
Henry Smith, by
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UNITED STATES PATENT OFFICE.

HENRY SMITH, OF WESTMINSTER, ENGLAND.

IMPROVEMENT IN CANDLE-HOLDERS.

Specification forming part of Letters Patent No. **161,360**, dated March 30, 1875; application filed January 28, 1875.

To all whom it may concern:

Be it known that I, HENRY SMITH, of Westminster city, England, have invented certain new and useful Improvements in Candle-Holders; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of my device separate from its holder. Fig. 2 is a side elevation of the same as arranged for use. Fig. 3 is a vertical central section of said device; and Fig. 4 is a side elevation of the same as arranged for use without a holder or candlestick.

Letters of like name and kind refer to like parts in each of the figures.

The design of my invention is to enable a candle to be securely fastened to or within its support; to which end it consists in a holder for receiving the lower end of a candle, provided with two or more radially-moving claws or grippers, which, by means of the upward movement of an encircling ring, may be forced inward until their inner toothed or serrated ends are embedded within the candle, substantially as and for the purpose hereinafter specified.

In the annexed drawing, A represents a cylindrical socket, which has a diameter somewhat greater than that of a candle, is inclosed at its lower end, and at its upper end is, preferably, provided with an outward and upward flaring flange, *a*. At suitable points upon the outer side, and near the lower end of the socket A, are attached the ends of a number of flat springs, B and B, which springs from thence extend upward and outward, and are each pro-

vided at their upper ends with several inwardly-projecting spurs or teeth, *b b*, &c. An opening, *a'*, is provided within the wall of the socket A, for the inward passage of the toothed end of each spring when the latter is pressed inward to the position shown by Fig. 2, in which position said toothed ends will be embedded within a candle, C, placed within said socket.

When used with an ordinary candlestick, D, the upper end of the same is provided with a socket, *d*, which has such size as to just admit the holder A, so that by pressing the latter downward within the former, the spring-clutches B B, &c., will be forced inward by contact with the walls of the same, and firmly gripe the candle C.

For use with chandeliers, brackets, and in other places difficult of access, a ring, E, is fitted upon or over the outside of the holder A, and pressed upward over the spring-catches B and B before said holder and candle are placed in position; but as said ring performs the same office and in the same manner as does the socket *d*, it is considered as the equivalent of the latter.

Having thus fully set forth the nature and merits of my invention, what I claim as new is—

The holder A, provided with the openings *a* and *a'*, and having attached to its outer side the spring-clutches B and B, provided with the spurs *b b*, &c., in combination with an encircling ring, which, when moved upward over said springs, causes them to close inward, substantially as and for the purpose specified.

HENRY SMITH.

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