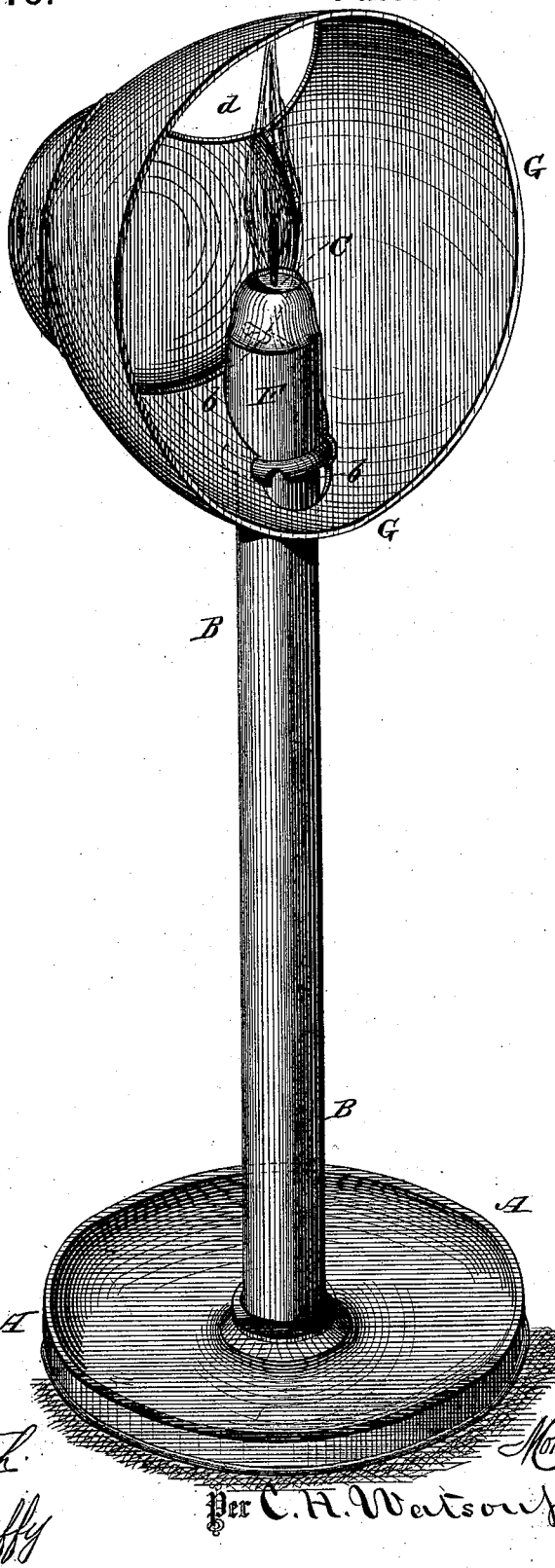
2 Sheets—Sheet 1.

M. C. MEIGS.

Candlestick-Reflectors.

No. 209,576. Patented Nov. 5, 1878.

Fig. 1.



Witnesses:

P. C. Dieterich.

Frank H. Duffy

Inventor:

Montgomery & Meigs

Per C. H. Watson & Co Attorneys.

2 Sheets—Sheet 2.

M. C. MEIGS.

Candlestick-Reflectors.

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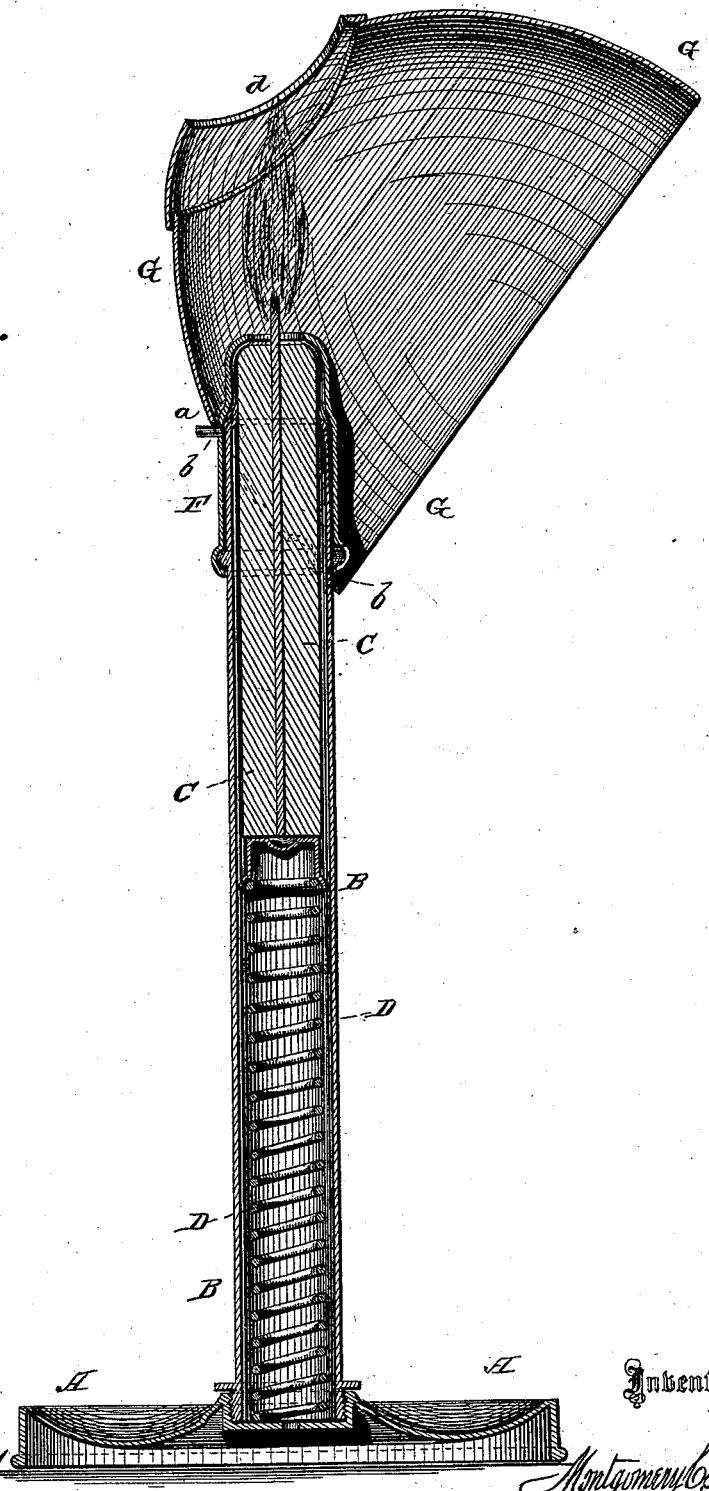
Fig. 2.



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Inventor:

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UNITED STATES PATENT OFFICE.

MONTGOMERY C. MEIGS, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN CANDLESTICK-REFLECTORS.

Specification forming part of Letters Patent No. **209,576**, dated November 5, 1878; application filed October 18, 1878.

To all whom it may concern:

Be it known that I, MONTGOMERY C. MEIGS, of Washington, in the District of Columbia, have invented certain new and useful Improvements in Candlestick-Reflectors; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My present invention is intended as an improvement upon the reflector for candles for which I have already made application for Letters Patent, and in which the reflector was made to adjust itself or descend as the candle burned down.

The nature of my present invention consists in a stationary reflector, parabolic in section, or made of two parts of cones surrounding and enveloping the flame, applied directly to a candlestick, and held in position to reflect the light as the candle is being moved upward, as will be hereinafter more fully set forth.

In the annexed drawings, to which reference is made, and which fully illustrate my invention, Figure 1 is a perspective view of a device embodying my invention, and Fig. 2 is a vertical central section of the same.

A represents the base, and B the central tube, of a candlestick, said tube being made sufficiently long to contain a candle, C, and a spring, D, underneath the candle.

In the drawing I have shown the tube B closed at the bottom, and provided at its upper end with a cap, F, connected to the tube by an ordinary bayonet-lock, or any other suitable fastening device, and the upper end of the cap projecting over the edge of the candle. In this case the spring is first inserted in the tube, and then the candle pressed down to compress the spring, and the cap then put on; but the tube and cap may be all made in one piece, and the tube open at the bottom, in which case the candle is inserted from underneath, and then the spring, and the end of the tube then closed by a screw-plug or other suitable device. In either case it will be seen the candle is moved upward as it burns, so as to retain the flame at all times in the same position.

At or near the upper end of the cap F—or of the tube itself when made of one piece—is a projecting pin, *a*, or other device for holding or fastening the reflector.

G represents the reflector, which is preferably made in the form shown, and provided with two openings, *b* and *d*, the latter of which is in the top for the flame, &c. The opening *b* is in the bottom of the reflector, and is for the upper end of the candle-tube to pass through, the reflector at the upper end of this opening resting on the pin *a*. The reflector is thus held stationary on the candle-tube while the candle is moved upward, so as to maintain the relative position of the flame and reflector, and the flame remains all the time in the same place.

In the construction of the reflector I prefer to make the same parabolic in section, or composed of two parts of cones. In either case the reflector will surround and envelop the flame on all sides, except that toward which the light is to be reflected.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A candlestick provided with a spring to raise the candle as it burns, in combination with a fastening device, *a*, at or near the top of the tube, and a reflector to engage with said fastening device, whereby the reflector is held in position to reflect the light as the candle is moved upward, the reflector being parabolic in section, or made of parts of two cones, and surrounding and enveloping the flame on all sides, except that toward which the light is to be directed, substantially as herein set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

M. C. MEIGS.

Witnesses:

GEO. C. THOMAS,

GEO. K. FINCKEL.