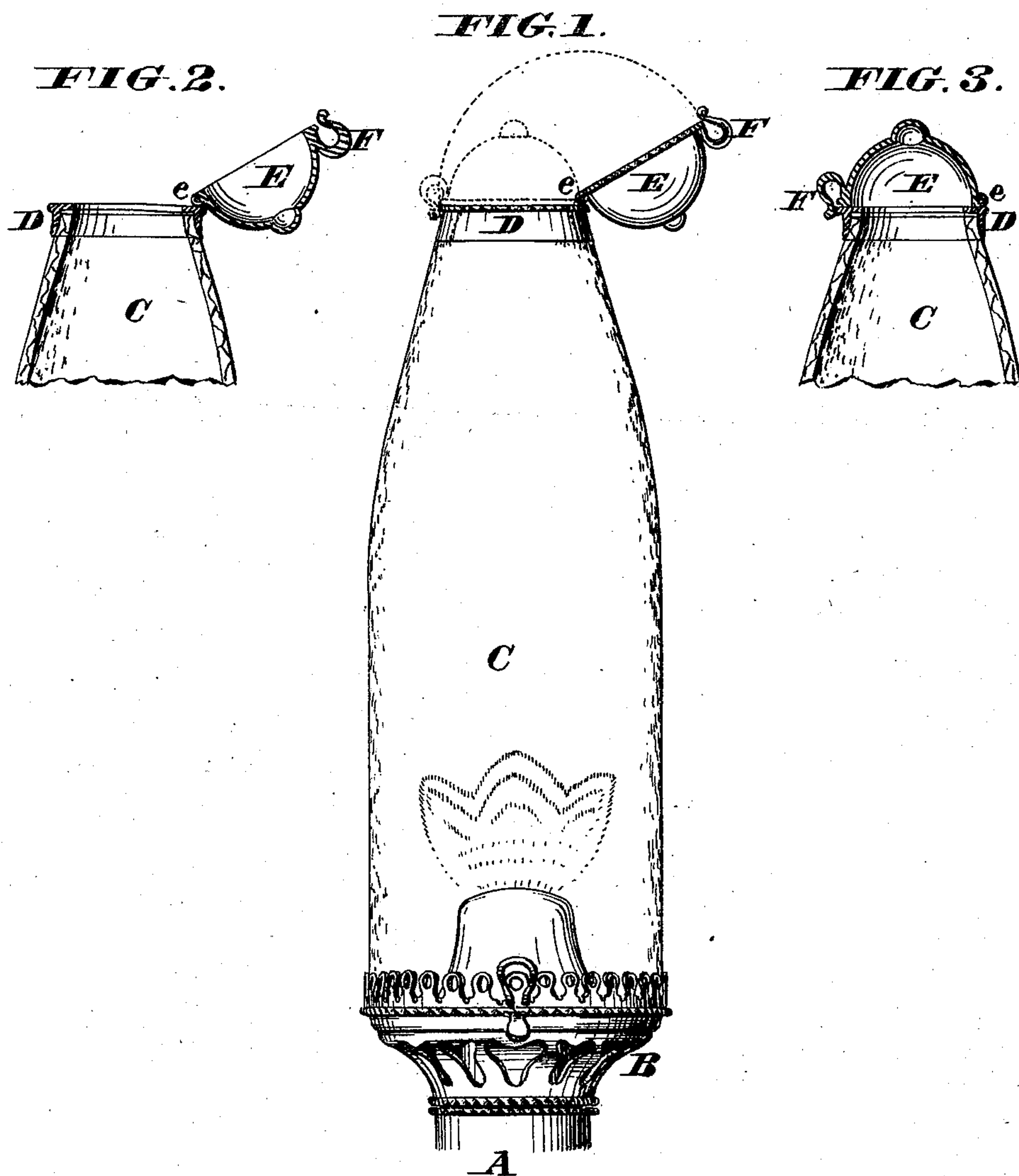


J. G. MÜLLER.

EXTINGUISHERS FOR LAMP-CHIMNEYS.

No. 176,669.

Patented April 25, 1876.



WITNESSES
Chas J Gooch
Alex H Galt

INVENTOR
John Geo. Müller
By Knight & Co. Attorneys

UNITED STATES PATENT OFFICE.

JOHN GEORGE MÜLLER, OF MEMPHIS, TENNESSEE.

IMPROVEMENT IN EXTINGUISHERS FOR LAMP-CHIMNEYS.

Specification forming part of Letters Patent No. **176,669**, dated April 25, 1876; application filed November 20, 1875.

To all whom it may concern:

Be it known that I, JOHN GEORGE MÜLLER, of Memphis, in the county of Shelby and State of Tennessee, have invented a certain new and useful Extinguishing Attachment for Lamp-Chimneys, of which the following is a specification:

My invention consists in constructing a lamp-chimney with a hinged cap, adapted, when closed, to stop the passage of air, and thereby instantly extinguish the lamp, as hereinafter described.

In the accompanying drawings, Figure 1 is an elevation of a lamp-chimney with my invention applied. Fig. 2 is a vertical section of the attachment, showing the extinguishing-cap open. Fig. 3 is a vertical section, showing the cap closed.

A may represent the neck, B the burner, and C the chimney, of a lamp of ordinary construction. To the top of the chimney C is cemented or otherwise secured a metallic collar, D, forming an attachment for the metallic cap E, which is hinged to the said collar at e, and adapted to fit closely down upon the same, so as to prevent the passage of air. To the free edge of the cap E is applied a spring-catch, F, adapted to engage over the bead of

the collar D, as shown, so as to hold the cap in its closed position.

So long as the cap E remains open, as shown in Fig. 2, and in full lines in Fig. 1, the chimney C will operate in the usual manner, causing an active flow of air to support the flame. When the cap is closed, as shown in Fig. 3, and in dotted lines in Fig. 1, the passage of air is arrested, and that within the chimney being consumed by the flame, the latter is instantly extinguished.

The invention is applicable to various forms of lamp-chimneys in common use. The device is valuable, also, in preventing effluvium from an extinguished lamp.

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

The closely-fitting hinged cap E, constructed and applied to a lamp-chimney in the manner shown, for the purpose of cutting off the passage of air, and thereby extinguishing the light, as explained.

JOHN GEORGE MÜLLER.

Witnesses:

JAMES B. COOK,
A. F. SCHULZE.