

Improved Glass Chimney for Oil Lamps -

72010

PATENTED

Samuel M Fowler

Inventor

DEC 10 1867 By his Atty -

J. F. Reigart

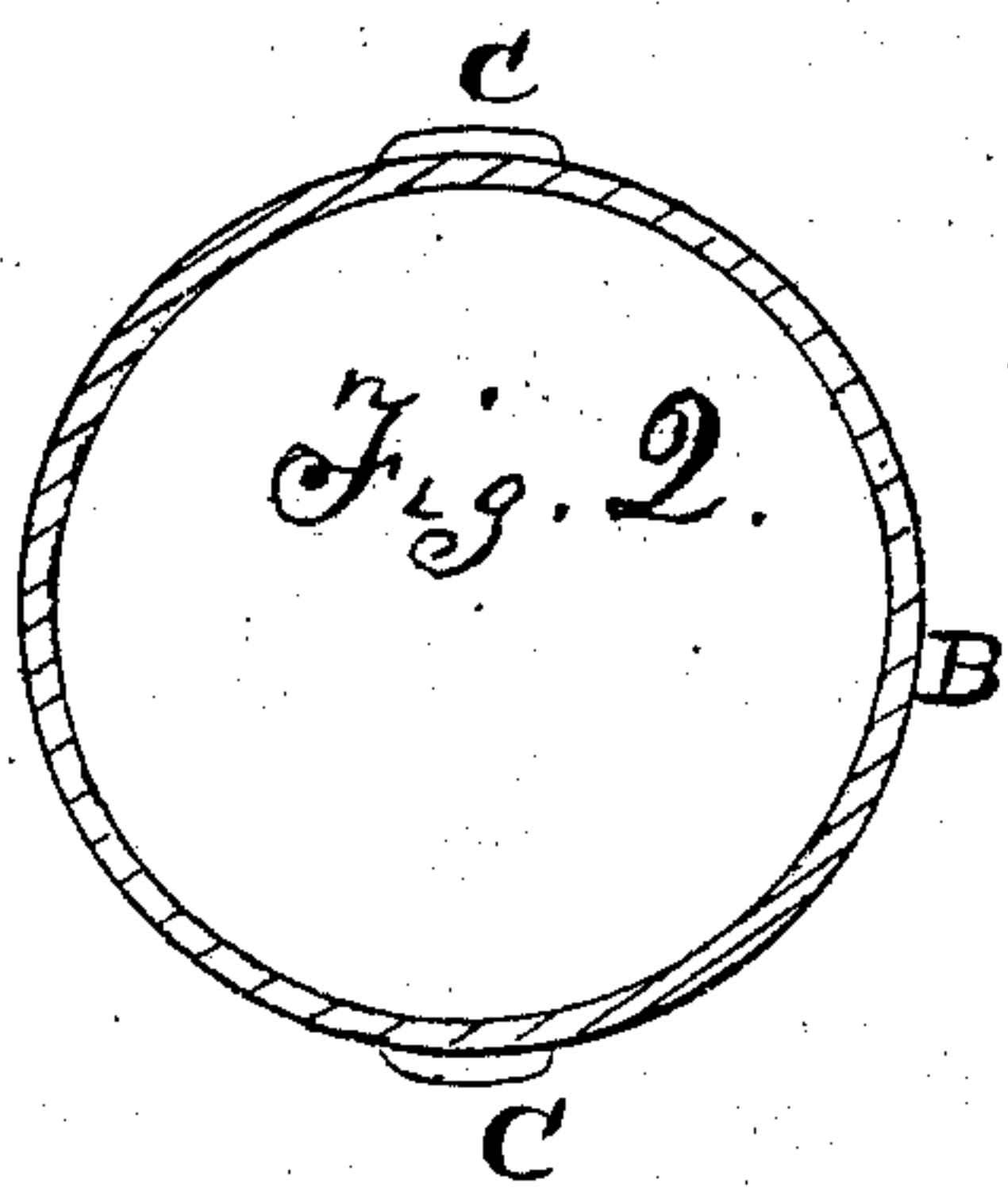
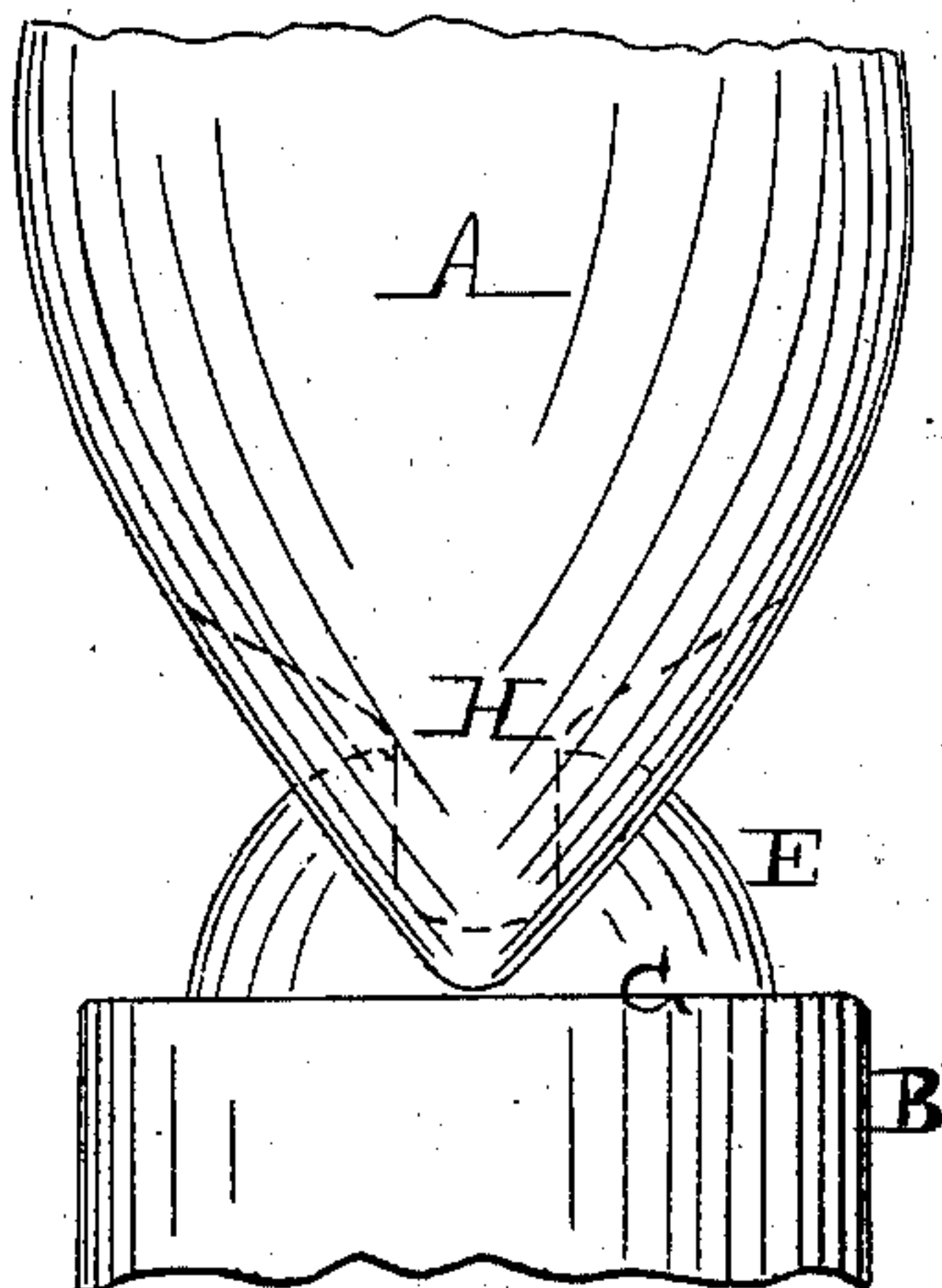
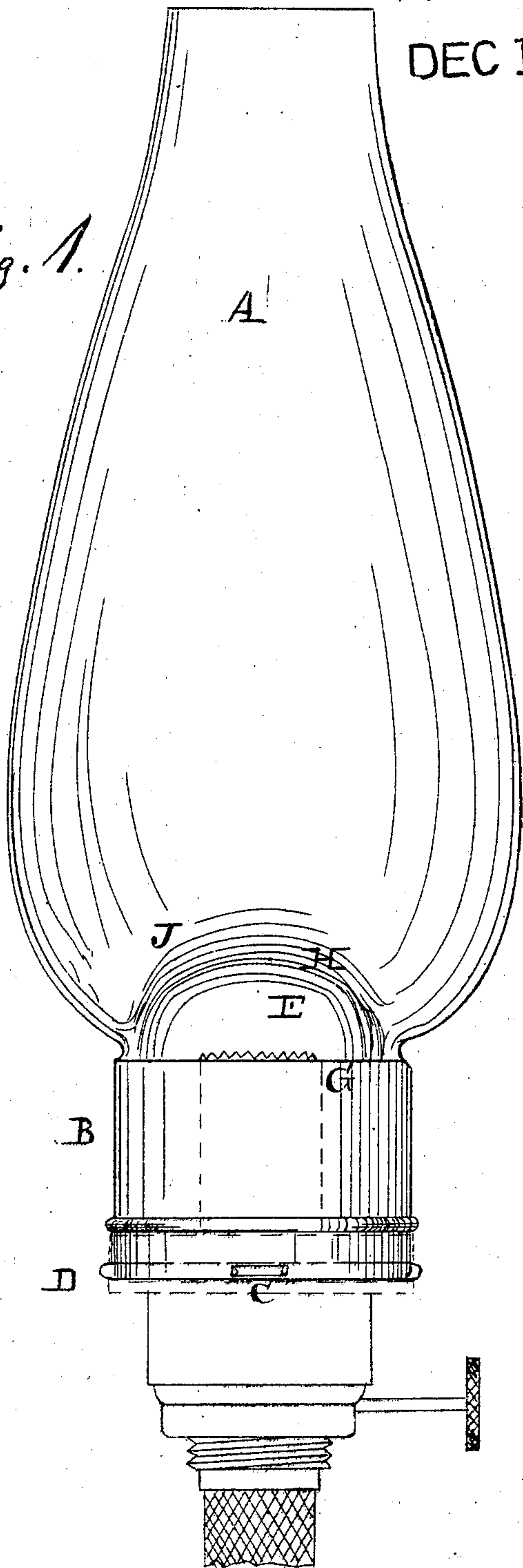
Witnesses -

C. Reigart -

Daniel Reigart

Fig. 3 -

Fig. 1.



United States Patent Office.

SAMUEL W. FOWLER, OF BROOKLYN, NEW YORK.

Letters Patent No. 72,010, dated December 10, 1867.

LAMP-CHIMNEY.

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, SAMUEL W. FOWLER, of Brooklyn city, Kings county, State of New York, have invented an Improved Glass Chimney for Oil-Lamps; and I do hereby declare the following to be an exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification, in which—

Figure 1 represents the chimney resting upon the burner

Figure 2 shows the base of the chimney, with its projections to fasten on to the burner; and

Figure 3 a side view.

The nature of my invention consists in the shape and construction of the glass chimney.

A represents the top of the glass chimney, wider towards the bottom and flatter, having a cylinder or collar, B, beneath, and two projections, C C, to fasten into a groove of the burner D beneath. The bottom of the chimney A is formed similar to a metal burner, cone-shaped, as at E, and bulging convex and rounding, until it intersects the top of the collar at G. The top of the arch or cone is open at H, for the flame of the wick to pass through, the chimney A curving inward at H, forming a concave at J, and, being convex at E, the flame acts upon the convex sides and the concave at J, and produces a double reflection of light, so as to deflect the light with double power downwards, and answer the purpose of a shade, commonly used to deflect the light.

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

The construction of the glass chimney, with its concave and convex deflectors J and E on each side, and collar B beneath, with its projections C C, as herein described and for the purposes set forth.

SAMUEL W. FOWLER.

Witnesses:

J. FRANKLIN REIGART,
EDM. F. BROWN.