

J. A. FULLER.
Fire Kindler.

No. 96,532.

Patented Nov. 2, 1869.

FIG. 1

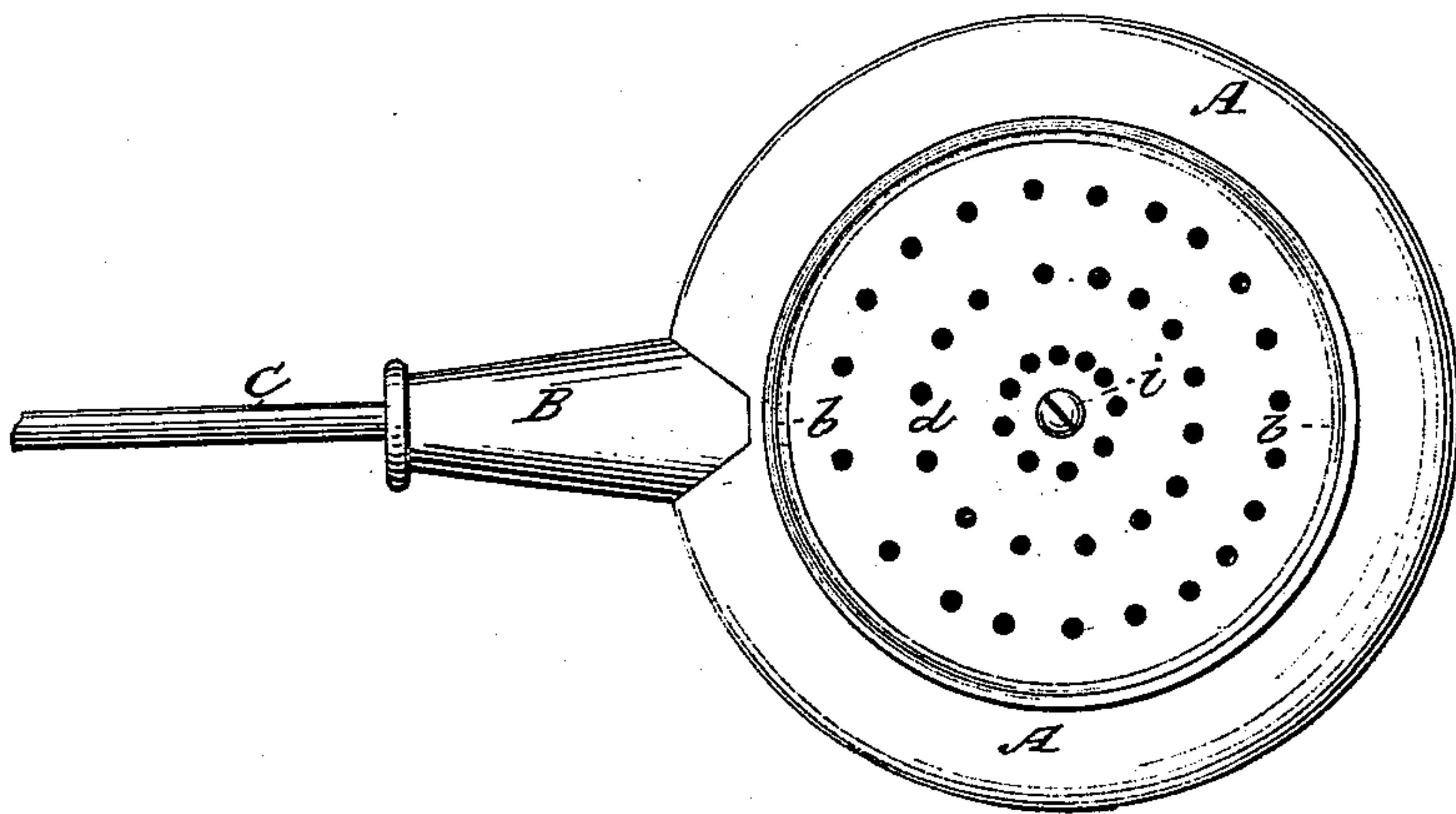
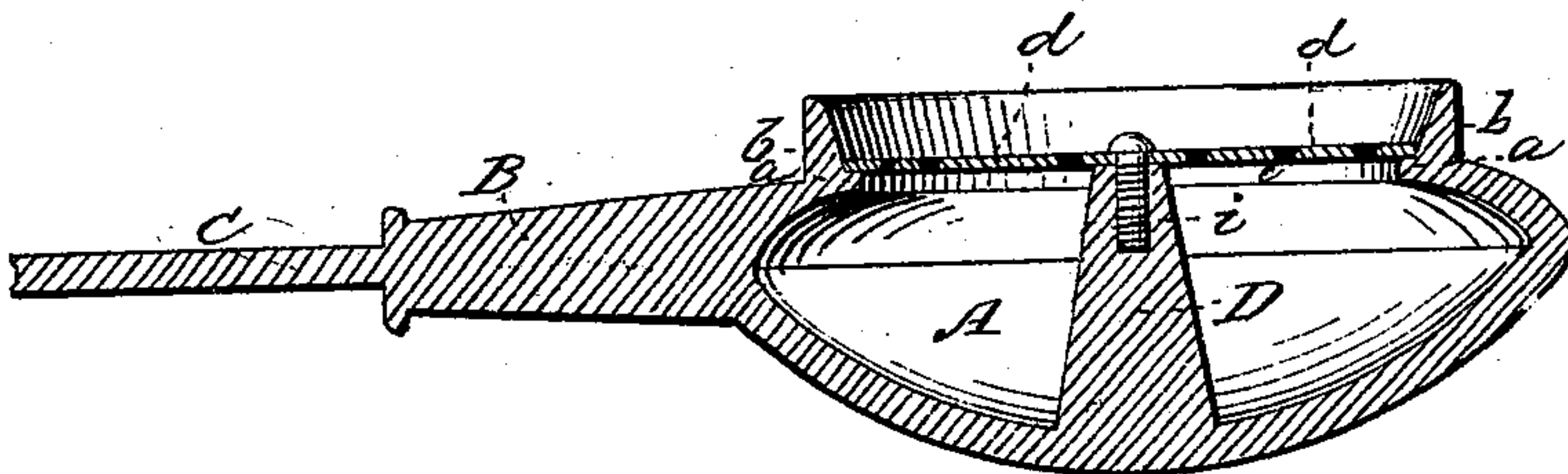


FIG. 2



WITNESSES:

J. F. Lehmann
E. S. Everb

INVENTOR:

John A. Fuller
per *Alexander Mason*
attys

United States Patent Office.

JOHN A. FULLER, OF ROCKFORD, ILLINOIS.

Letters Patent No. 96,532, dated November 2, 1869.

FIRE-KINDLER.

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, JOHN A. FULLER, of the town of Rockford, in the county of Winnebago, and in the State of Illinois, have invented certain new and useful Improvements in a Fire-Kindler; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and general arrangement of a "fire-kindler," as will be hereinafter fully set forth.

In order to enable others skilled in the art to which my invention appertains, to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a plan view, and

Figure 2, a longitudinal vertical section of my invention.

A represents a round cup, of any suitable dimensions, having a concave bottom and convex top, and the top provided with a round opening, of any desired size, in the centre.

In this opening is a circumferential flange, *a*, and a rim, *b*, which latter extends upward, as seen in fig. 2.

The entire cup A is cast in one piece, with a projecting socket, B, in which the handle C is inserted.

In the centre of the bottom of the cup A is a tapering standard, D, which projects upward, its upper end being on a level with the flange *a*.

On the flange *a* is placed a circular wire sieve, *e*, and on top thereof is laid the perforated cover *d*, the sieve and cover being secured to the standard D by means of a screw, *i*, passing through the centre of them into said standard.

The cup A is to be filled with sand, or other suitable substance of a porous nature, and saturated with benzole, when the kindler is ready for use.

The sieve *e* prevents the sand or other material used, from dropping out through the perforations in the cover *d*.

Having thus fully described my invention,

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

1. The cup A, cast, as described, in one piece, with the socket B, and provided with flange *a*, rim *b*, and standard D, all substantially as and for the purposes herein set forth.

2. In combination with the cup A, constructed as herein described, the wire sieve *e* and perforated cover *d*, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand, this 14th day of October, 1869.

JOHN A. FULLER.

Witnesses:

JACOB BEHEL,
C. F. MILLER.