

J. DODIN.
Lamp Burner.

No. 39,524.

Patented Aug. 11, 1863.

Fig: 1

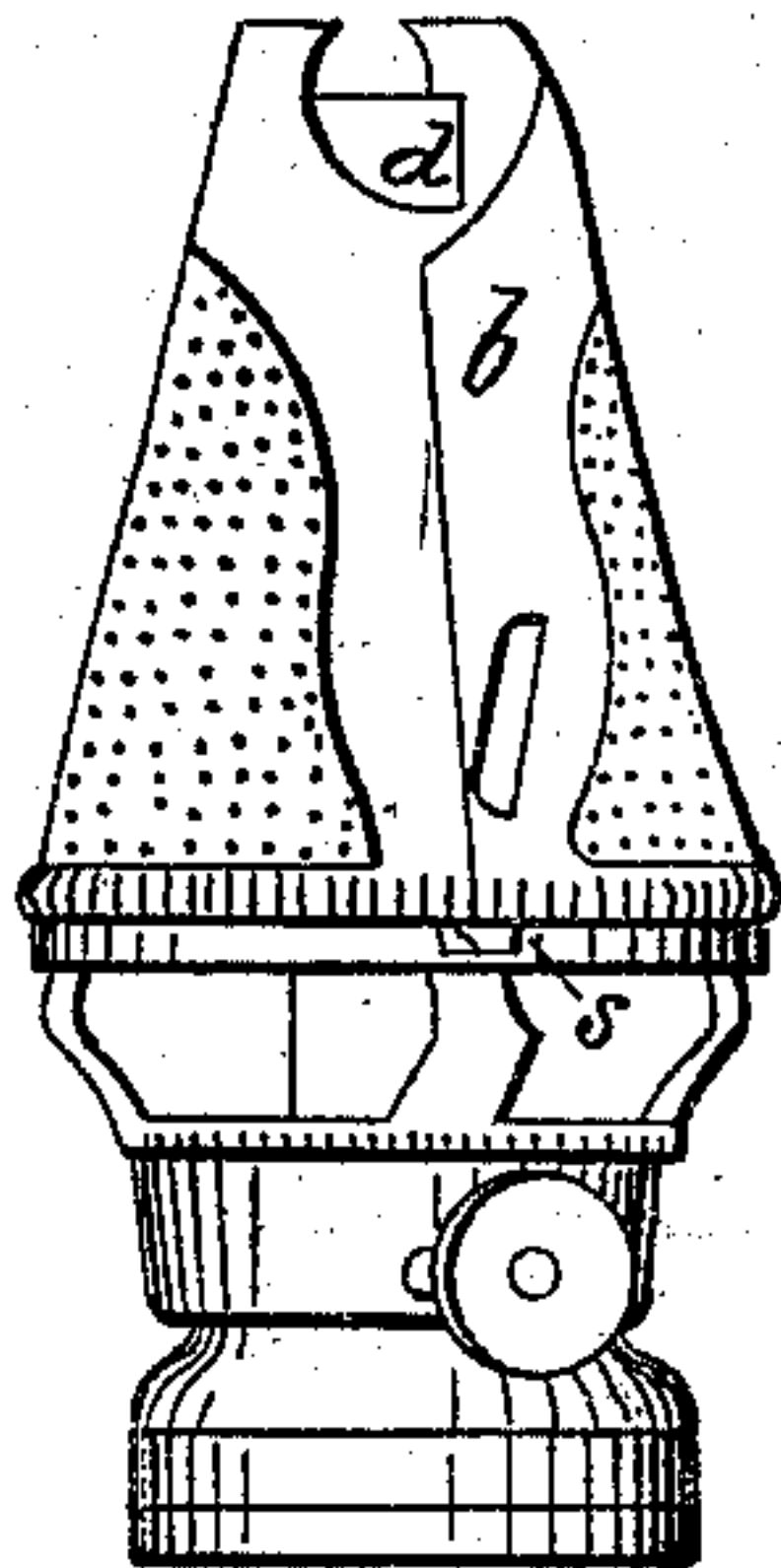


Fig: 6.

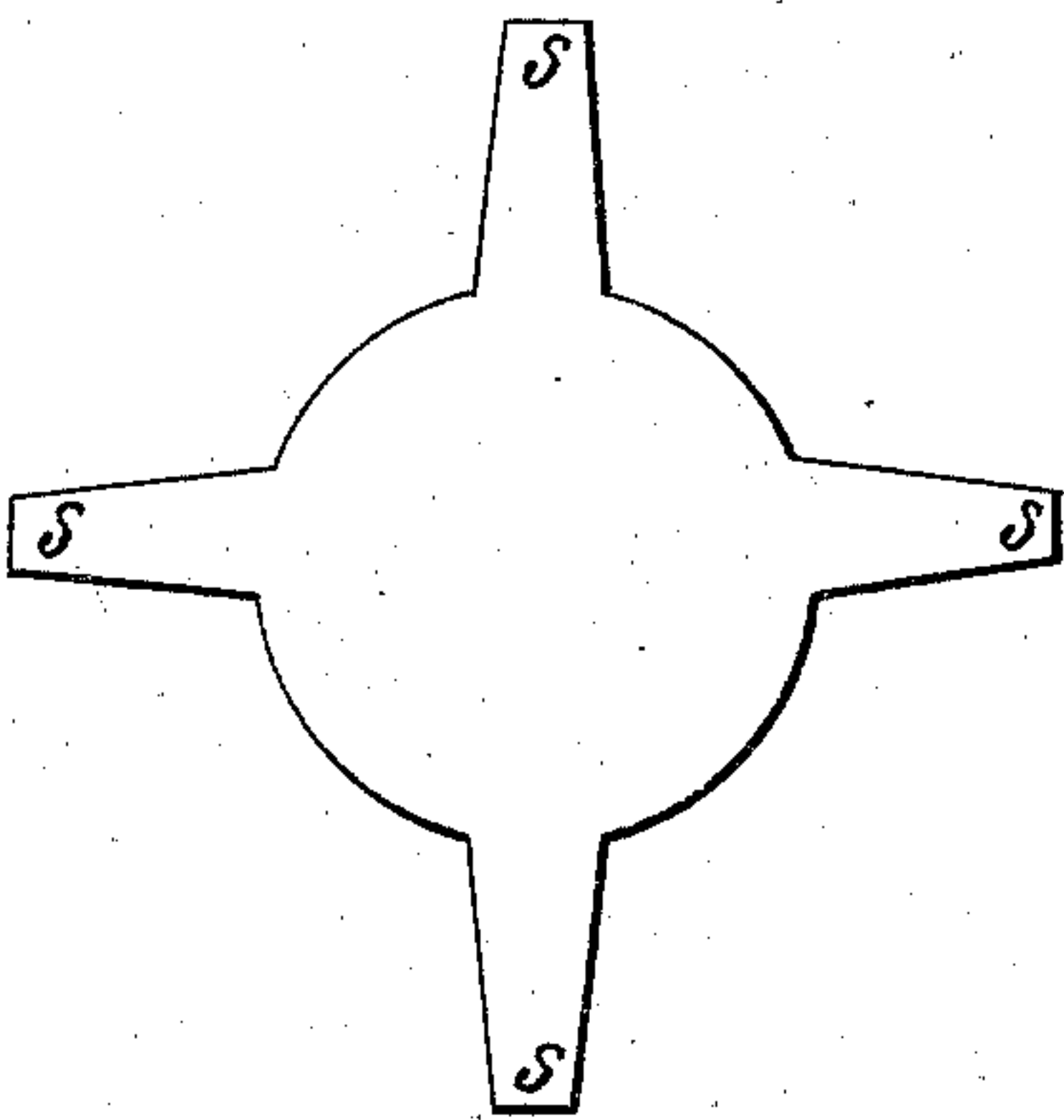


Fig: 2.

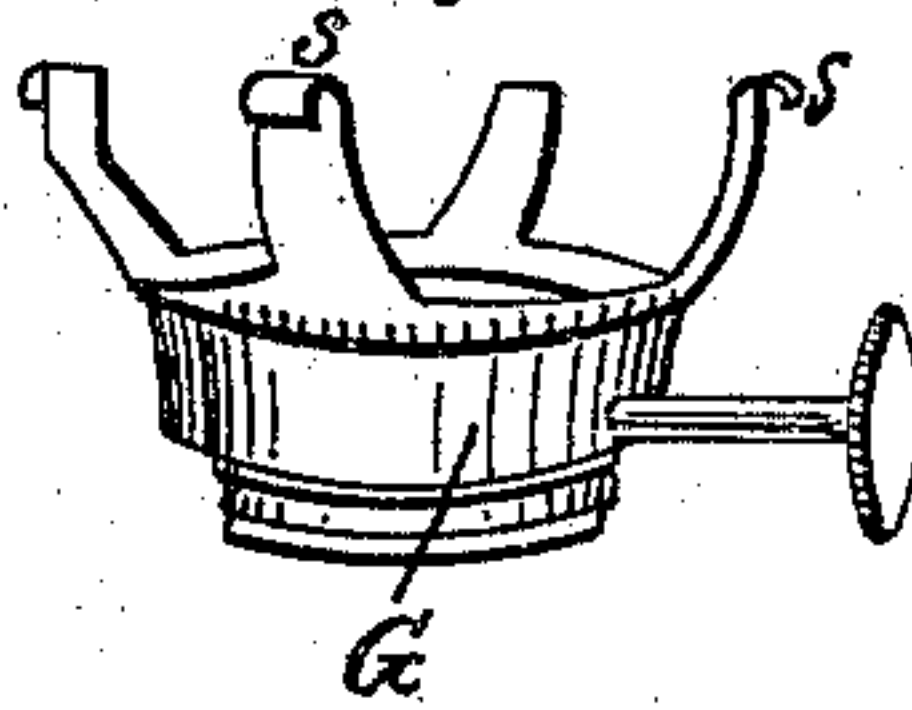


Fig: 4.

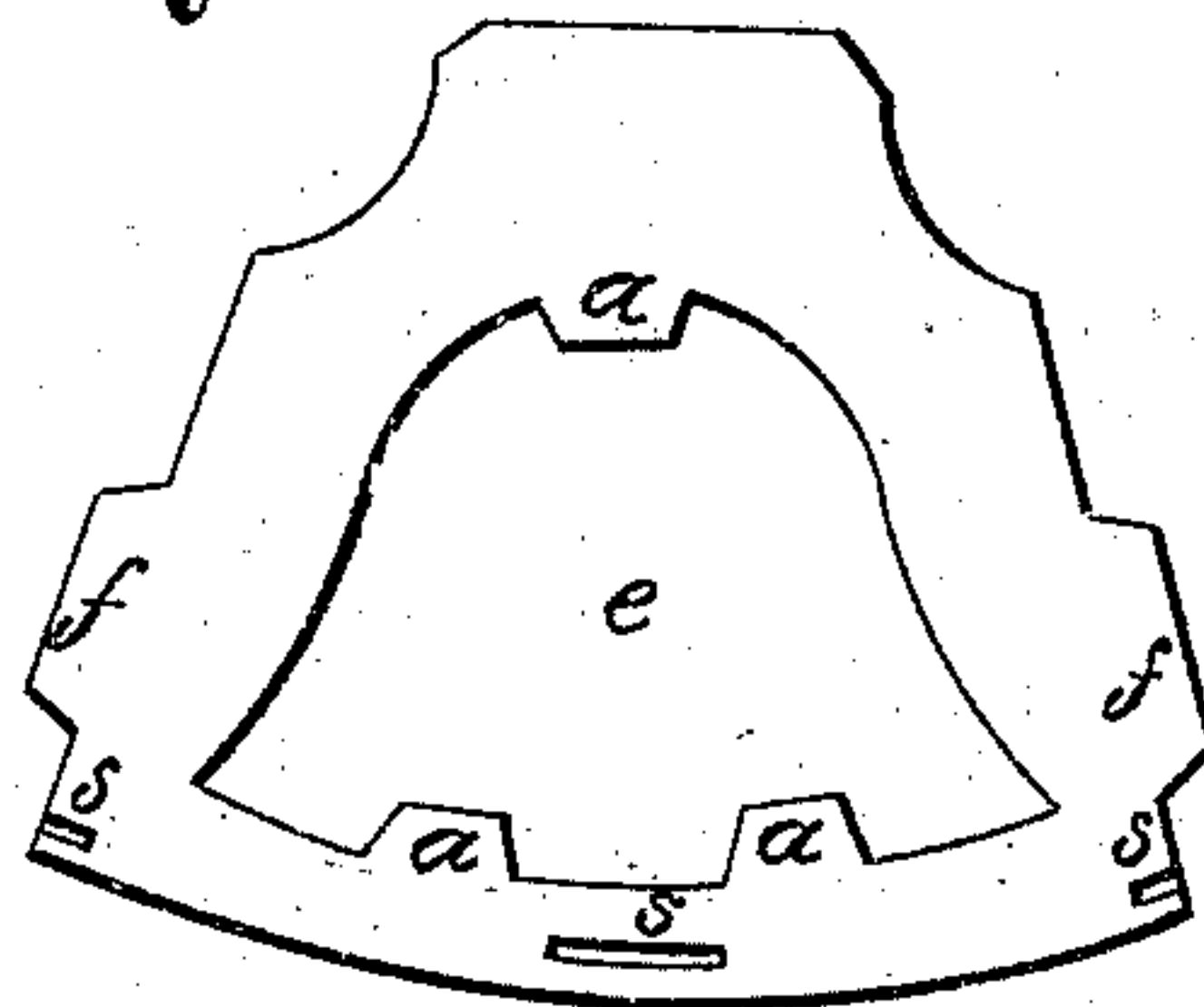


Fig: 3.

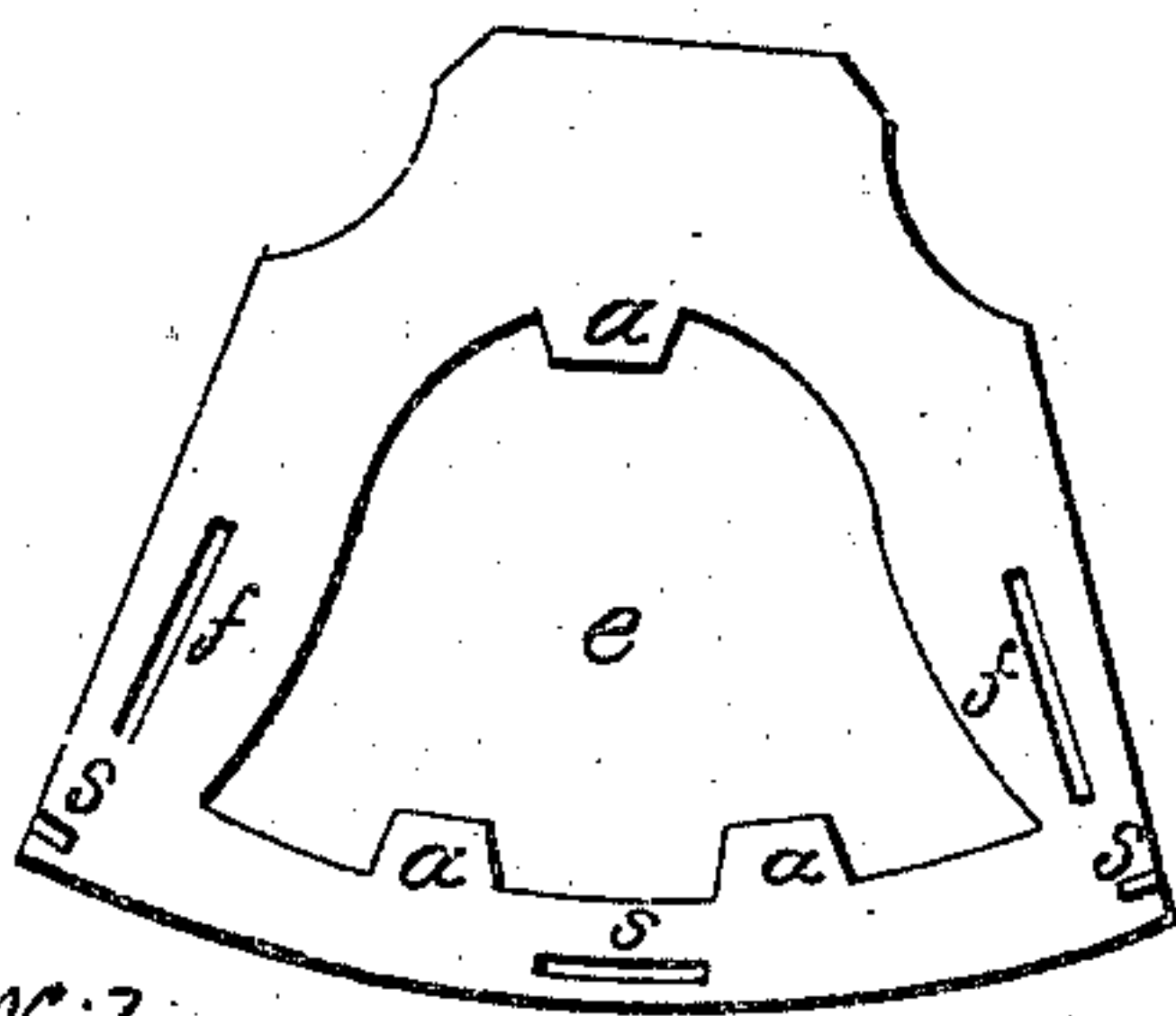
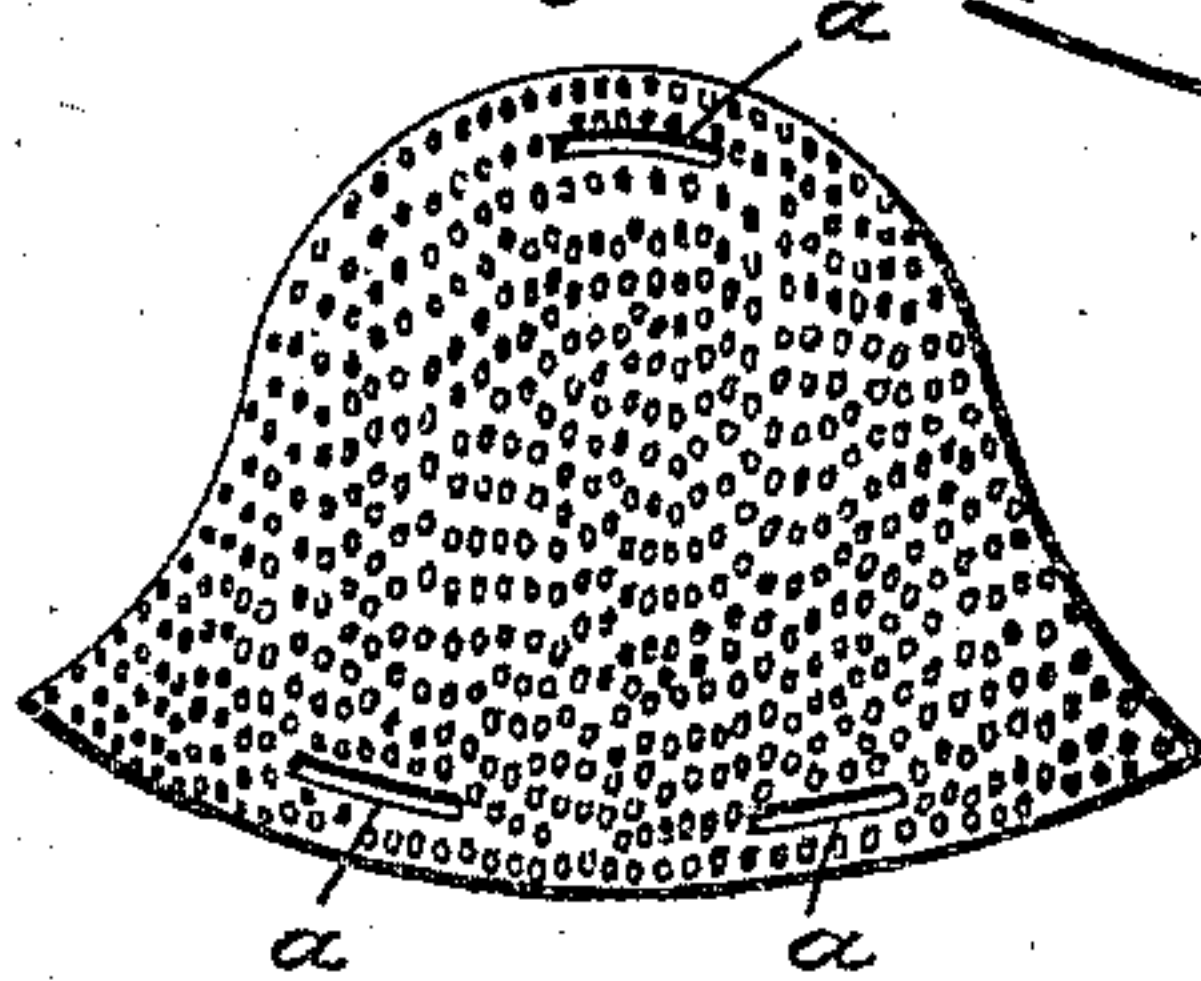


Fig: 5.



Witnesses:

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IMPROVED LAMP-BURNER.

Specification forming part of Letters Patent No. **39,524**, dated August 11, 1863.

To all whom it may concern:

Be it known that I, JOSEPH DODIN, of the city of Brooklyn, county of Kings, and State of New York, have invented a new and Improved Burner for Kerosene-Oil Lamps; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, making part of this specification.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Figure 1 represents a perspective view of the burner complete. Fig. 2 is a perspective view of the base of the burner. Figs. 3, 4, 5 are the shape of the cone when flattened. Fig. 6 is the shape of the base of the burner when flattened.

The object of this invention is to enable persons to burn kerosene or coal oil in lamps without the use of a chimney. Therefore to enable persons engaged in the manufacture of lamps to make and use my invention, I will proceed to describe its construction and operation.

All that part below the cone *b*, Fig. 1, is similar in construction to those now in use for burning coal-oil with a chimney so far as the raising and lowering of the wick is concerned, also the position of the wick-tube *d*, Fig. 1. The cone *b*, Fig. 1, is made of metal in two

equal parts, each part being the shape as seen at Figs. 3, 4, and having an opening at *E*. This opening is closed by locking the perforated plate of metal, Fig. 5, together at *a*, Figs. 3, 4, 5. The two parts of the cone *b* are both formed in the same die, of such shape as to make the cone, when locked together at *f*, Figs. 1, 3, 4, circular at the bottom, and the same shape at the top, as seen at Fig. 1.

The plate of metal, Fig. 6, is formed in a die in the shape seen at Fig. 2.

Operation: The cone *b* is fastened to the base, Fig. 2, by means of locking together at *s*, Figs. 1, 2, 3, 4, 6. The wick-tube being supplied with wick, the whole placed on a lamp, with the oil therein, it will be ready to light.

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

1. The particular shape of the plates of metal, Figs. 3, 4, with their openings *e*.

2. The shape of the plate, Fig. 5, with the mode of fastening it to the plates, Figs. 3 and 4, at *a*, Figs. 3, 4, 5.

3. The shape of the plate, Fig. 6.

4. The mode of fastening the cone *b*, Fig. 1, to the base *G*, Fig. 2, substantially as described.

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