

H. SANGSTER.

Lamp.

No. 44,017.

Patented Aug. 30, 1864.

Fig: 1.

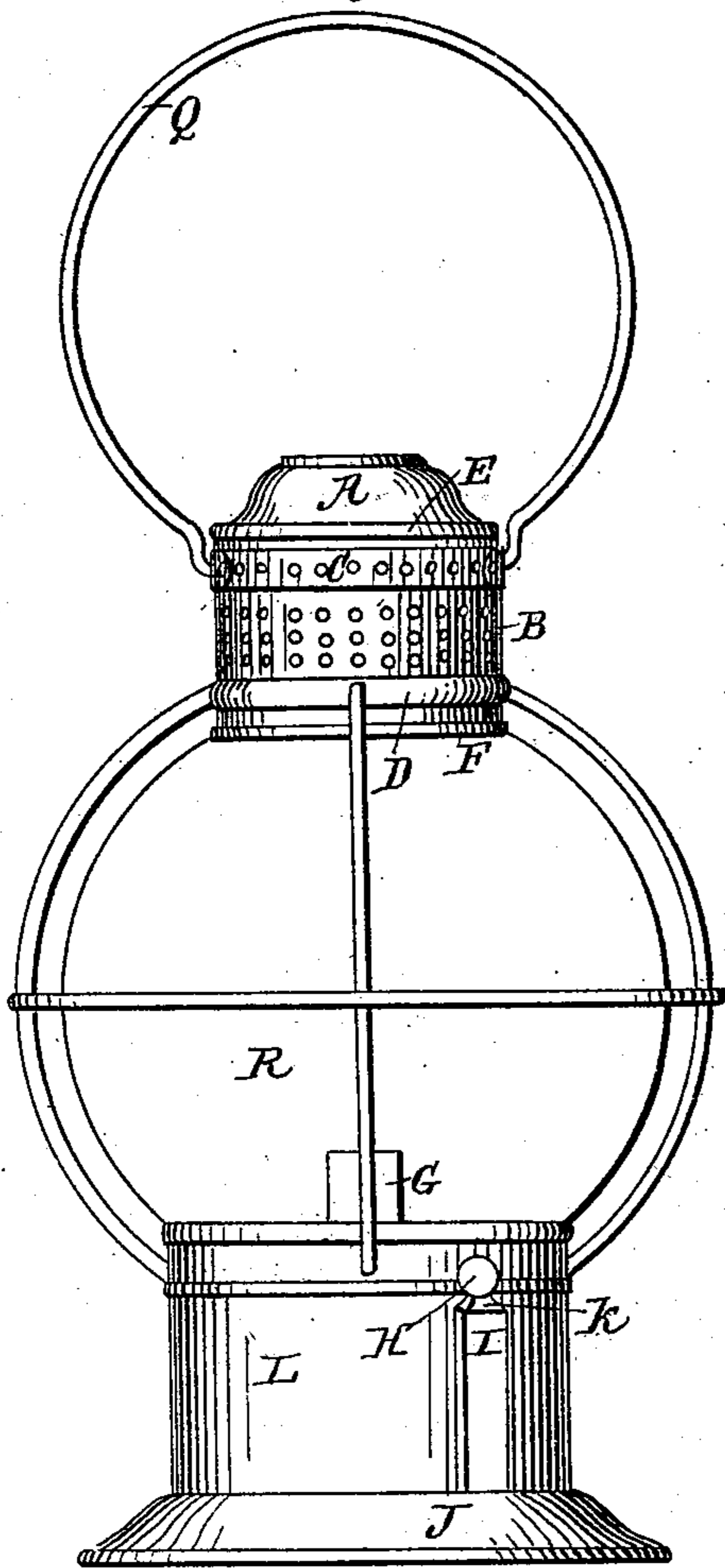


Fig: 2.

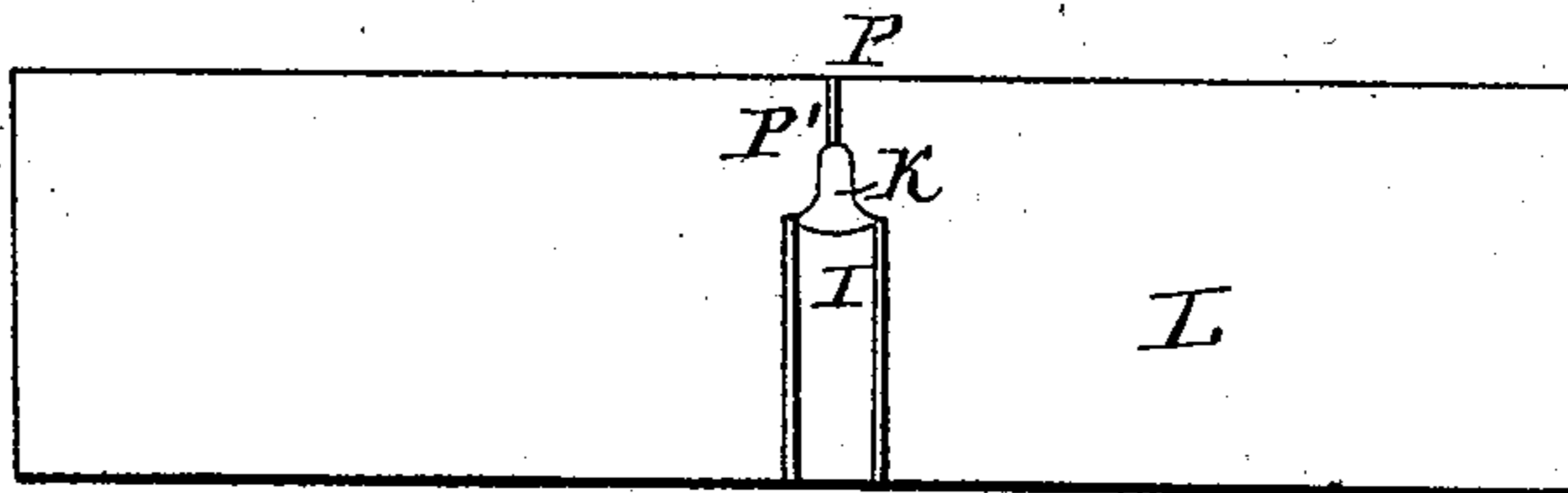
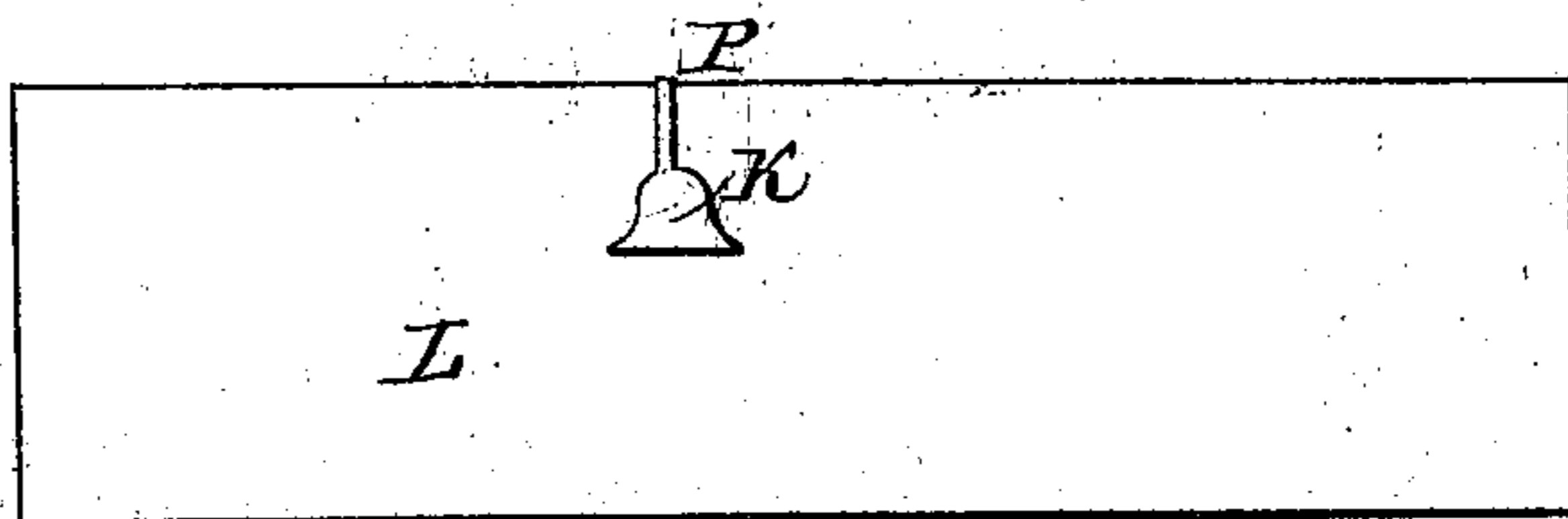


Fig: 3.



Witnesses.

James Sangster  
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# UNITED STATES PATENT OFFICE.

HUGH SANGSTER, OF BUFFALO, NEW YORK.

## IMPROVEMENT IN LAMPS.

Specification forming part of Letters Patent No. 44,017, dated August 30, 1864.

*To all whom it may concern:*

Be it known that I, HUGH SANGSTER, of Buffalo, in Erie county and State of New York, have invented certain new and useful Improvements in Coal Oil Lamps; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in making out of one piece of sheet metal the lower rim of the lamp, with a recess in its side for receiving the thumb-piece while passing the lamp-pot into the lantern-case, and allowing said thumb-piece to project outside of the case when the lamp pot is in its place.

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

I construct my lamp of the usual materials—tin, copper, or brass.

Figure 1 is a side elevation showing the lantern complete. Fig. 2 represents the lower rim of the lantern before it is formed. Fig. 3 is also a lower rim, just as it is cut from the sheet.

K is the form of an aperture cut in the rim. It is cut through the top, as shown at P. The rim, Fig. 3, is stamped in a die, which forms

the recess I for the thumb-piece to slip through. The open space P in the aperture K is closed up, as shown at P', in Fig. 2, by the operation of stamping, which leaves the recess I, in which the thumb-piece slips while pressing the lamp-pot into the lantern, also the aperture K, through which the thumb piece H passes, which brings it outside of the case, allowing the thumb-piece to be turned with the fingers outside of the case, and thus raise or lower the wick. The thumb-piece is attached to and forms part of the burner.

In Fig. 1, J is the bottom of the lantern. The lamp-pot is put into the lantern in the usual way by means of springs, and the ends of the rims when they are formed are joined together in the usual way by solder. The glass, which is shown at R, is fastened to the rims by the common cement plaster-of-paris.

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

The rim L with the recess I and the aperture K when made of one piece of sheet metal, as herein substantially set forth.

HUGH SANGSTER.

Witnesses:

JAMES SANGSTER,  
LOUISA SANGSTER.