

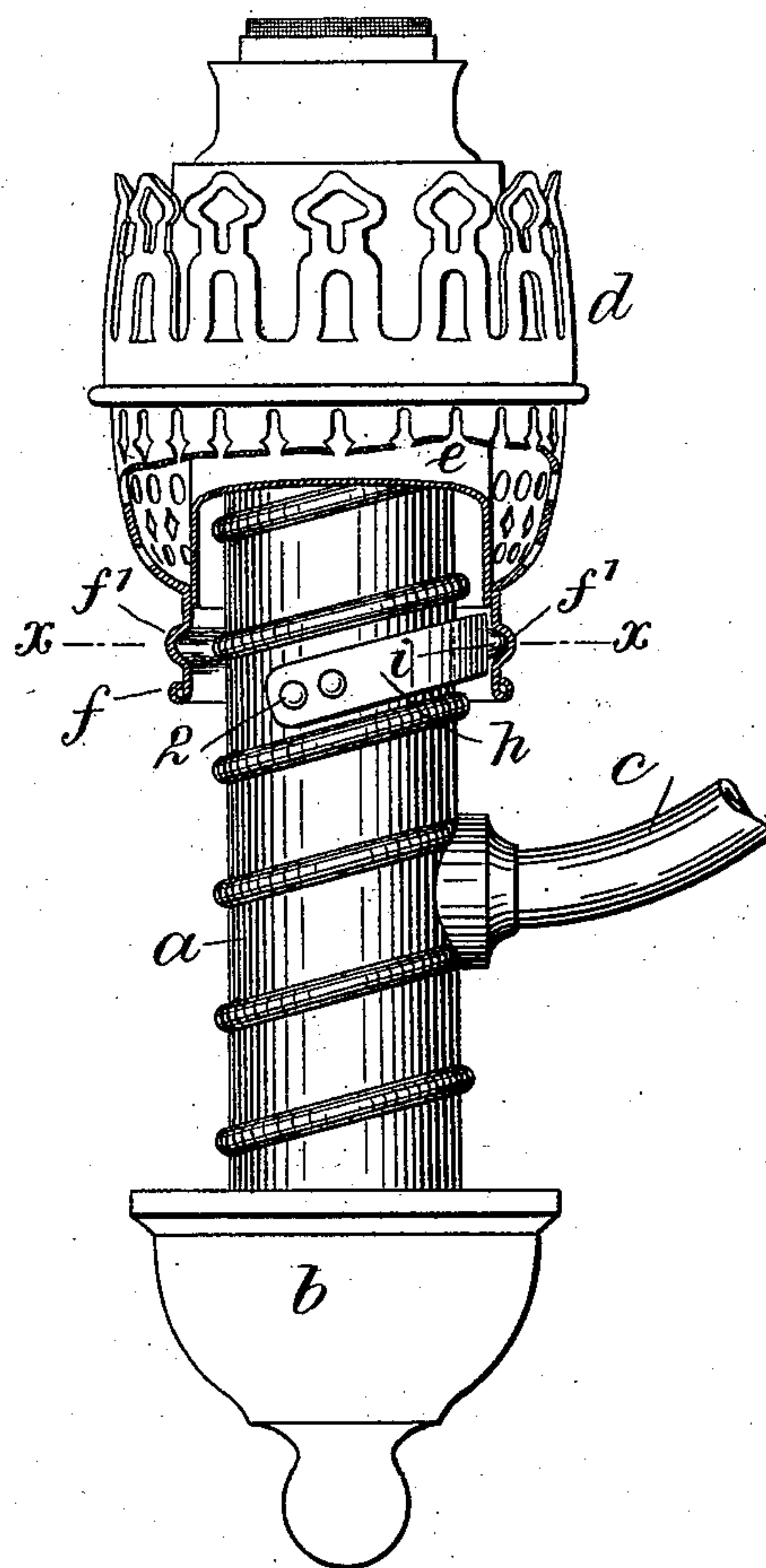
(No Model.)

J. FUNCK.  
LAMP.

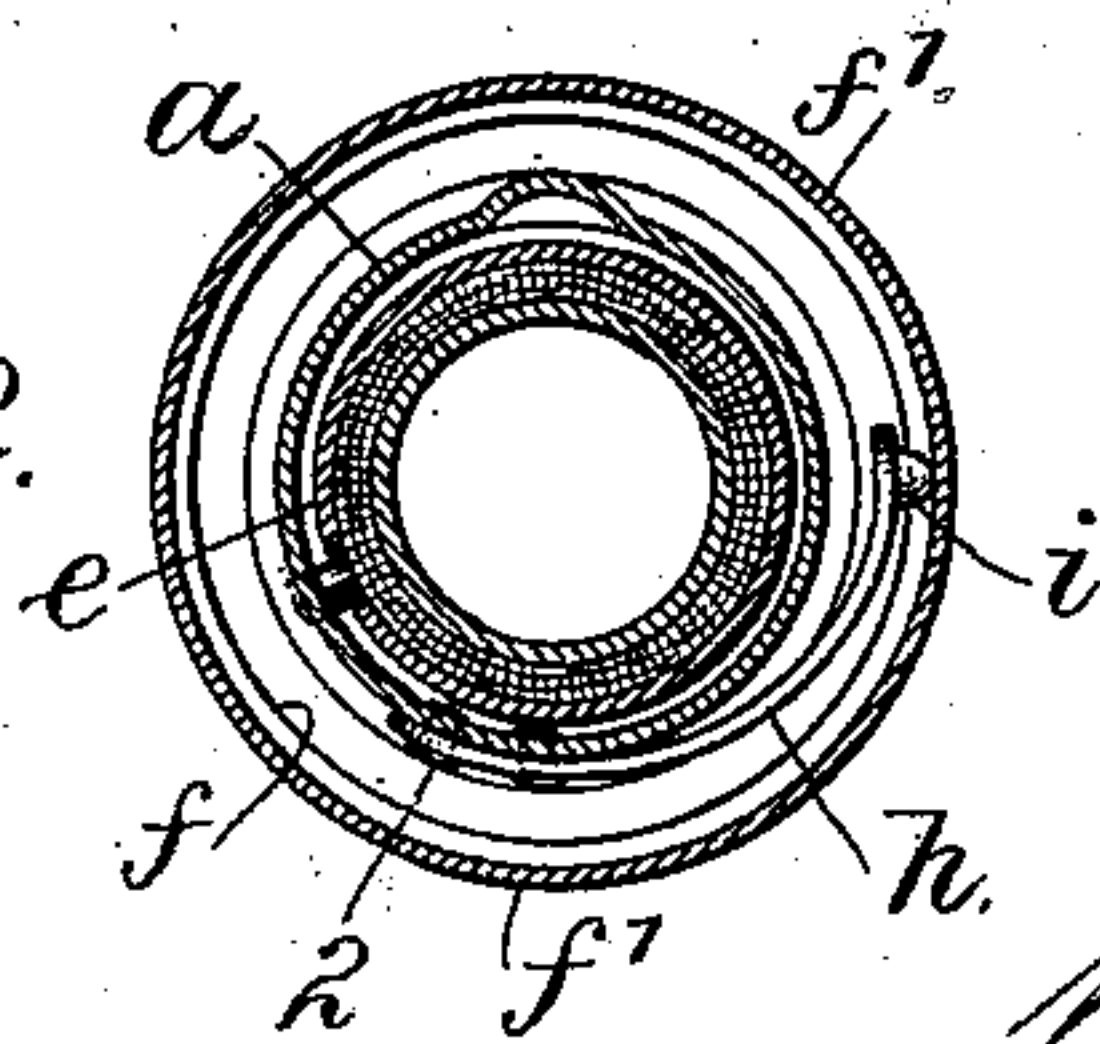
No. 534,100.

Patented Feb. 12, 1895.

*Fig. 1.*



*Fig. 2.*



Witnesses

Charles Smith  
J. Staib

Inventor

Joseph Funck  
per  
Lemuel W. Perrell  
Atty.

# UNITED STATES PATENT OFFICE.

JOSEPH FUNCK, OF TOMPKINSVILLE, NEW YORK.

## LAMP.

SPECIFICATION forming part of Letters Patent No. 534,100, dated February 12, 1895.

Application filed October 24, 1894. Serial No. 526,800. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH FUNCK, a citizen of the United States, residing at Tompkinsville, in the county of Richmond and State of New York, have invented a new and useful Improvement in Lamps, of which the following is a specification.

My invention relates particularly to "student," "library" and similar oil burning lamps wherein the chimney holder and wick raiser are supported upon the wick tube and are rotated to raise and lower the wick. In these devices as usually constructed there has been nothing to keep the chimney holder and wick raiser down in position and prevent the same being accidentally lifted as rotated in raising and lowering the wick, and the object of my invention is to accomplish this object.

In carrying out my invention I employ a spring blade riveted to the outer surface of the wick tube and having an outwardly projecting knob at its free end. The lower edge of the chimney holder is provided with a skirt in which is a rib whose under surface forms an annular groove within the skirt to receive the knob of the spring blade. The spring blade yields readily as the chimney holder is removed or returned to place, and as the chimney holder is rotated in raising and lowering the wick said knob remains in the annular groove in the skirt of the chimney holder and prevents the same being accidentally raised.

In the drawings Figure 1 is an elevation and practical section of the parts of a lamp illustrating my improvement, and Fig. 2 is a cross section at about the line  $x-x$  of Fig. 1.

The wick tube  $a$ , drip cup  $b$  and arm  $c$  to the lamp standard and reservoir are of well known character and do not require further description.

The chimney holder  $d$  and wick raiser  $e$  are also of usual and well known character except that in my improvement I construct the chimney holder at its lower edge with a skirt  $f$  in which is a rib  $f'$  whose under surface forms an annular groove within the skirt  $f$ .

A curved spring blade  $h$  is secured at one end by rivets 2 to the surface of the wick tube  $a$  the surface of the wick tube and spring

blade forming tangent curves. The spring blade  $h$  is shown as inclined on account of the helical ribs of the wick tube  $a$  but the same can be placed horizontal with equal advantage on wick tubes having no ribs. Upon the free end of this spring blade  $h$  is secured a projecting knob  $i$  the office of which is to fit in the annular groove of the skirt  $f$  and the spring blade  $h$  is so located that this is accomplished in the normal position of the chimney holder. In this position the spring blade is under slight tension and the knob  $i$  is kept in the groove in the skirt  $f$  and the chimney holder is maintained in position and cannot be accidentally lifted.

It will be noticed from Fig. 1 that the rivets 2 securing the curved spring blade  $h$  to the wick tube  $a$  come below the horizontal line drawn through the knob  $i$  and it is obvious that this spring blade can be reversed so that the rivets come above the horizontal line without affecting the operation of the device. In this latter position the curved spring blade will be entirely hidden by the skirt  $f$ .

Sufficient force has to be applied to the chimney holder in raising the same to disengage knob  $i$  from the groove to the skirt, and when the chimney holder is replaced the spring blade and knob snap to place as the chimney holder is pushed down to its normal position.

My improved device is exceedingly simple and efficient and the appearance of the lamp is not detracted from.

I claim as my invention—

In a lamp, the combination with the wick tube, and chimney holder, of a skirt extending down from the lower edge of the chimney holder and having an internal annular groove, a spring blade connected at one end to the wick tube and having a knob upon the free end engaging in said annular groove, substantially as and for the purpose set forth.

Signed by me this 19th day of October, A. D. 1894.

JOSEPH FUNCK.

Witnesses:

GEO. T. PINCKNEY,  
HAROLD SERRELL.