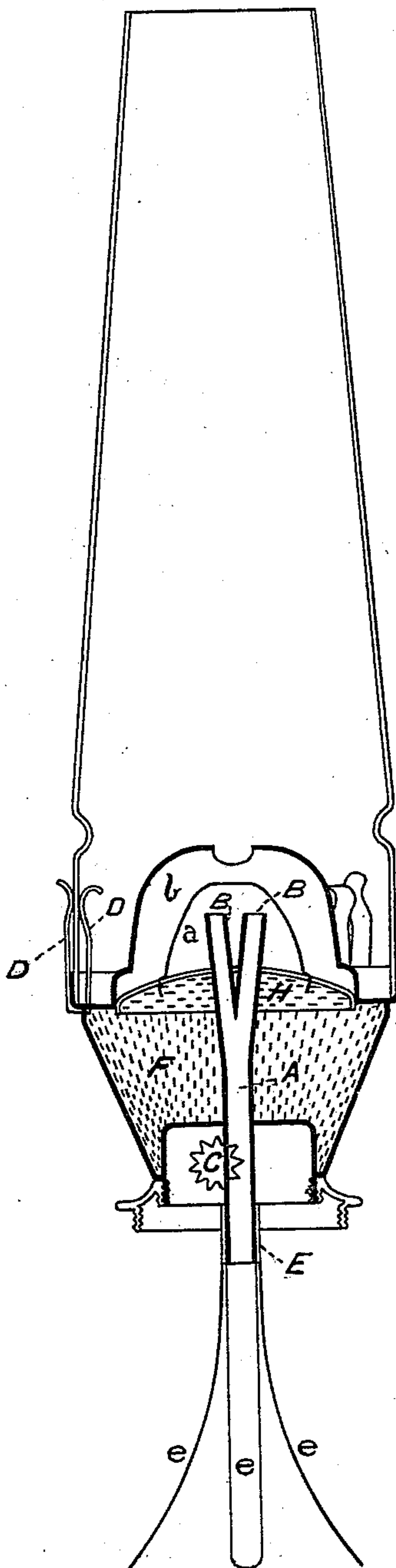


J. TRENT.
Burner for Kerosene-Lamps.

No. 226,210.

Patented April 6, 1880.



WITNESSES.

Alexander Scott
W. A. Redmond

INVENTOR.

Joseph. Trent
Per G. Stachpole
my

UNITED STATES PATENT OFFICE.

JOSEPH TRENT, OF NEW YORK, N. Y.

BURNER FOR KEROSENE-LAMPS.

SPECIFICATION forming part of Letters Patent No. 226,210, dated April 6, 1880.

Application filed April 4, 1879.

To all whom it may concern:

Be it known that I, JOSEPH TRENT, of New York city, in the county and State of New York, have invented a certain new and useful
5 Improvement in Lamps, which improvement is fully set forth in the following specification and accompanying drawing, which represents a vertical central section of my improved lamp.

My invention consists in the application of
10 spring-prongs to the inner end of a wick-tube by means of a sleeve to render them detachable, said sleeve being slipped on over the inner end of the wick-tube, the prongs being attached to the sleeve.

15 The object of my invention is to supply means for warming a heavy grade of oil by means of conducting-prongs, and to have such prongs readily detachable and adapted to be easily applied to a wick-burner.

20 A is a wick-tube. B B are the diverging arms of the wick-tube. D and D are clamps for holding the chimney. C is the ratchet for moving the wicks. F is a perforated basket around the wick-tube. H is a perforated base-
25 plate. E is the sleeve, to which the spring-

prongs *e* are attached. *a* and *b* are cones. The prongs *e* have to be sprung together to enter the lamp, after which they spread apart, distributing the heat more effectually through the oil and promoting a better combustion. 30

I have shown my detachable sleeve-carrying spring-prongs applied to a V-shaped wick-tube. It is, however, manifest that it is equally applicable to the other known forms of wick-tubes. 35

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The spring-prongs *e* and sleeve E, attached to the wick-tube of a lamp, substantially as and for the purpose set forth. 40

2. The combination of the spring-prongs *e*, sleeve E, V-shaped wick-tube A, ratchet C, basket F, base-plate H, and cones *a* and *b*, substantially as and for the purpose set forth.

JOSEPH TRENT.

Witnesses:

C. P. N. WEATHERBY,
A. HURD.