

J. RASCH.

LAMP-BURNER.

No. 190,249

Patented May 1, 1877.

Fig: 1.

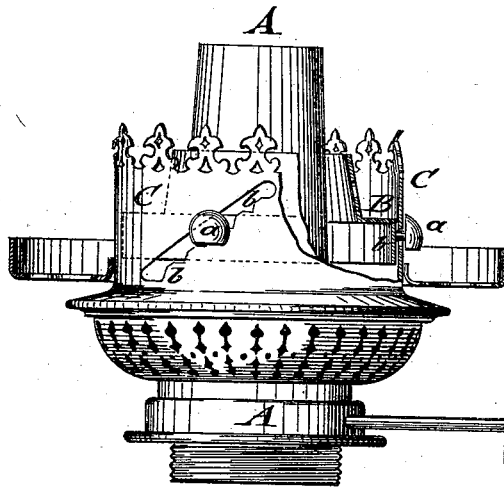
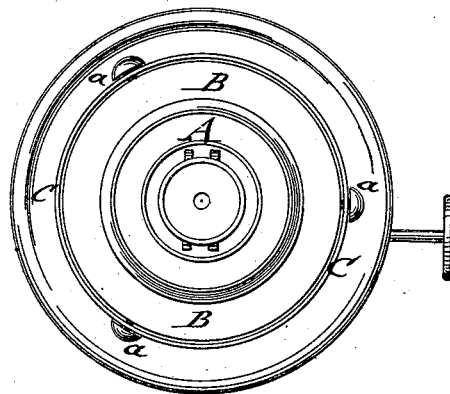


Fig: 2.



WITNESSES:

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UNITED STATES PATENT OFFICE

JONAS RASCH, OF CHRISTIANIA, NORWAY.

IMPROVEMENT IN LAMP-BURNERS.

Specification forming part of Letters Patent No. **190,249**, dated May 1, 1877; application filed December 18, 1876.

To all whom it may concern:

Be it known that I, JONAS RASCH, of Christiania, Norway, have invented a new and Improved Lamp-Burner, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a side elevation of my improved lamp-burner, partly in section; and Fig. 2, a top view of the same.

Similar letters of reference indicate corresponding parts.

The invention relates to an improved round burner for petroleum-lamps, on which the chimney may be adjusted to different height, for the purpose of obtaining a more perfect combustion and better light, the chimney being quickly set at the proper elevation above the aperture of the burner by a simple mechanism.

The invention will first be described in connection with drawing, and then pointed out in the claim.

In the drawing, A represents a round burner for petroleum-lamps of the usual construction, in which the wick is carried up through a cone. The chimney is supported by a ring-shaped base-plate, B, and outer cylinder C, which ascends from the lower perforated air-admitting portion of the burner. The base-plate B is made movable in the cylinder C by means of two or more guides, *a*, sliding in inclined slots *b* of the cylinder. The lower

edges of the slots are serrated, the serrations forming rests, by which the chimney may be retained at any required height.

By taking hold of the projecting ends or heads of the guides *a*, the base-plate and chimney may be readily and conveniently moved along the serrated edges into higher or lower position to the aperture of the burner, and then retained therein.

A more perfect combustion of the oil can thus be accomplished by a regulating device of simple and cheap construction, which operates with equal effect on different sizes of burners, and may also be applied to the common burners of the same size. The proper position of the contracted part of the chimney above the burner-aperture promotes the perfect combustion of the oil, and produces consequently a better light.

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

The chimney-support of a round burner, consisting of a ring-plate, B, and surrounding cylinder C, the former having guides *a*, adjustable to notch-rests at different elevations, and in a slot, *b*, of the latter, as shown and described.

JONAS RASCH.

Witnesses:

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CHR. GEDDE.