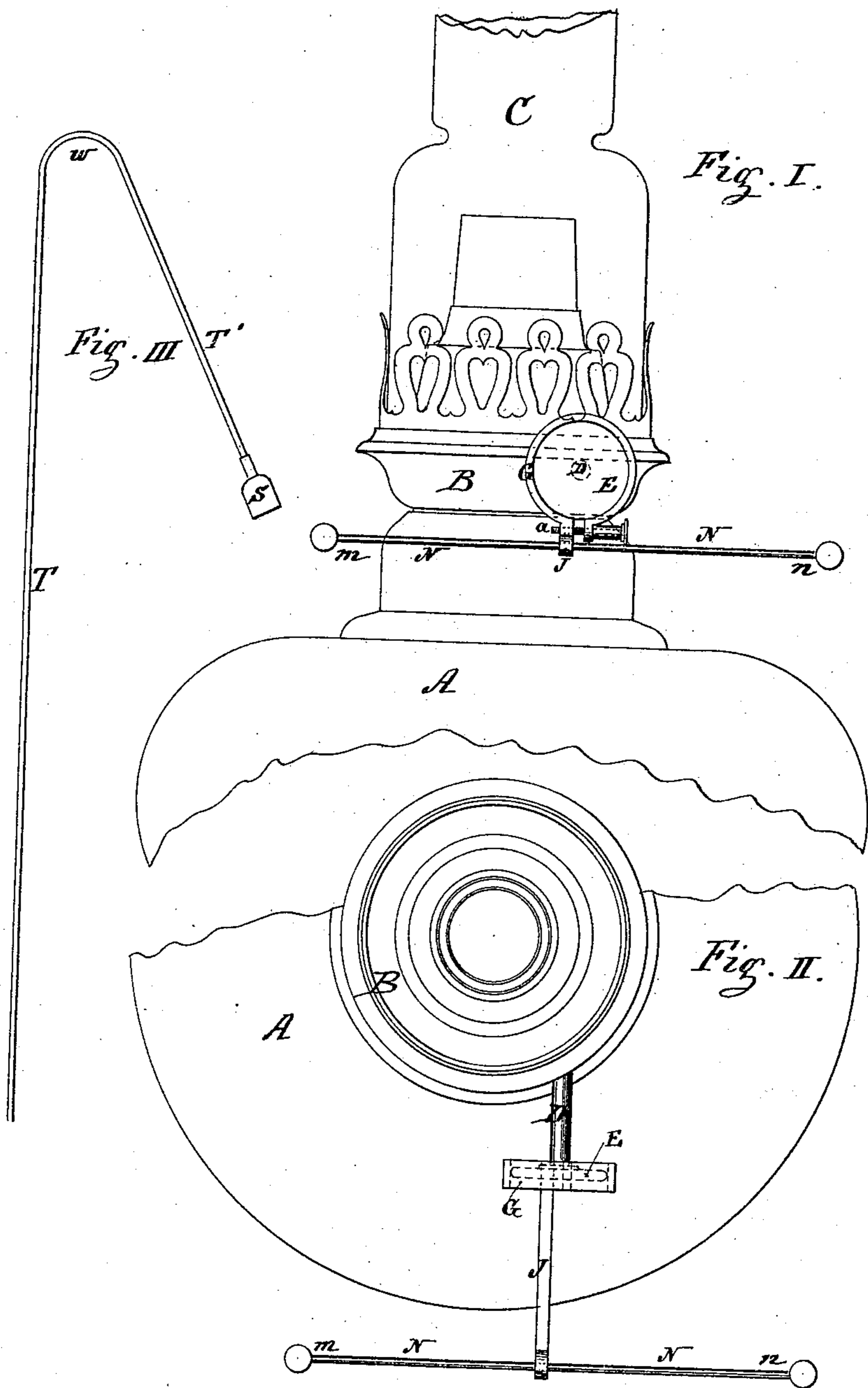


R. BIBER.

ATTACHMENT FOR LIGHTING LAMPS.

No. 181,398.

Patented Aug. 22, 1876.



Witnesses.  
W. Chet.  
John F. Allen

Inventor.  
Reinhold Biber  
per Henry & Roeder  
Attorney.

# UNITED STATES PATENT OFFICE.

REINHOLD BIBER, OF BROOKLYN, NEW YORK.

## IMPROVEMENT IN ATTACHMENTS FOR LIGHTING LAMPS.

Specification forming part of Letters Patent No. **181,398**, dated August 22, 1876; application filed August 7, 1876.

*To all whom it may concern:*

Be it known that I, REINHOLD BIBER, of Brooklyn, in the State of New York, have invented a new and useful Attachment for Lighting Oil or Fluid Lamps, of which the following is a specification:

The nature of my invention consists in the arrangement of a balance lever or bar to the spindle which operates the lamp-wick, so that when the lamp is suspended from the ceiling said lever or bar can be operated by means of a hooked torch-stick, to move the wick in a position to be lighted by the torch, or to move the wick downward to extinguish the flame.

In the accompanying drawing, Figure I represents a front view of an oil-lamp embodying my invention. Fig. II is a top view of the same, and Fig. III represents the torch for operating the wick and lighting the lamp.

A represents a part of the oil or fluid reservoir; B, the lamp-cap containing the wick, and C the glass chimney, all constructed and arranged in the usual manner. D is the spindle projecting through the side of the lamp-cap, to which the pinion which operates the wick is attached. Upon the head E of the pinion-spindle D, or upon the spindle itself, if desired, a strap, G, is fastened by means of the bolt *a*, having a projecting arm, J, in the end of which the balance lever or bar N is fastened.

When the lamp is to be lighted the hook *w* on the torch T is placed upon the end *n* of balance-lever N, so as to move this end downward, thereby turning the pinion-spindle D to move the wick upward ready to be lighted, when, by inserting the arm T' of the torch into the glass chimney C, the same will be lighted.

To extinguish the light, the hook of the torch is applied to the end *m* of the balance-lever N, and this end moved downward, when the pinion-spindle D will be turned in the other direction, and thereby move the wick downward into the cap B, whereby the flame will be extinguished.

The pinion-spindle D may, in some cases, be lengthened, and the balance-lever N attached direct to the end of the same.

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

In combination with the pinion-spindle D of an oil or fluid lamp, the strap or clamp G, the arm J, having a balance-lever, N, on its end, substantially in the manner and for the purpose set forth.

REINHOLD BIBER.

Witnesses:

HENRY E. ROEDER,  
WM. EHRET.