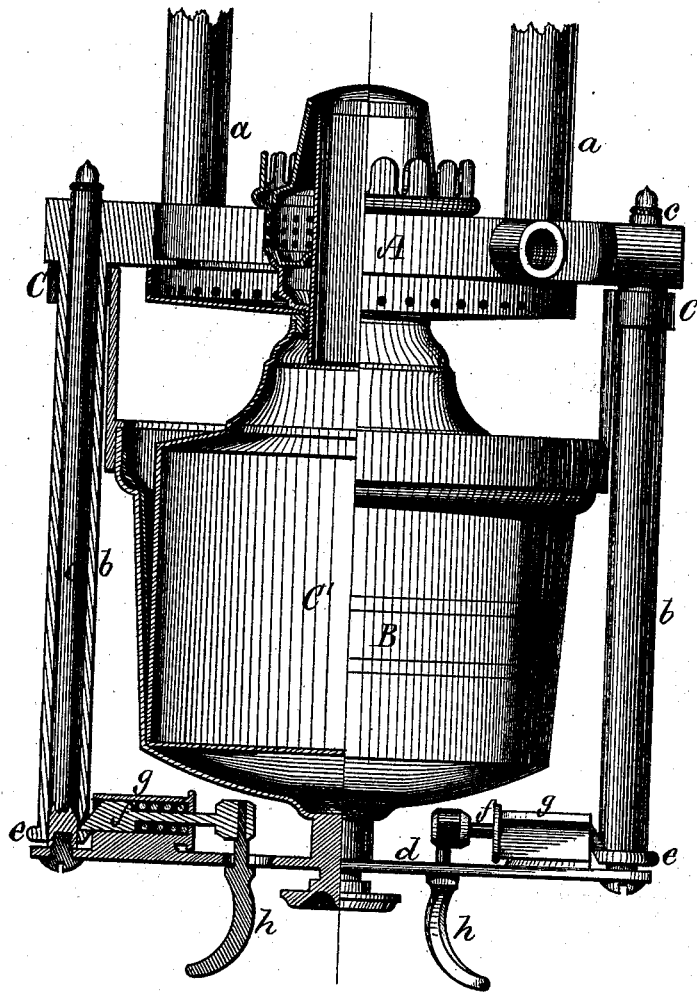


F. A. TABER.
Lamp.

No. 214,470.

Patented April 15, 1879.



Witnesses.
H. B. Lodge.
C. H. H. H. H.

Inventor.
F. A. Taber.
H. Curtis, Atty.

UNITED STATES PATENT OFFICE.

FREEMAN A. TABER, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN LAMPS.

Specification forming part of Letters Patent No. **214,470**, dated April 15, 1879; application filed February 7, 1879.

To all whom it may concern:

Be it known that I, FREEMAN A. TABER, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Lamps, of which the following is a specification.

This invention relates to a class of suspended illuminating-lamps for lighting railway-cars, steamships, or other structures or localities, in which the oil-fount or its supporting-case is upheld by rods hanging from the roof or ceiling, or other point of suspension; and my improvement consists in combining the oil-fount or its inclosing-case with the supports, in such manner as to be capable of sliding vertically to and fro thereof, with respect to the shade or globe of the lamp, which is stationary, by which means the lamp may be lowered and ready access had to the burner or filling-orifice when trimming, lighting, or filling is necessary.

The drawing accompanying this specification represents a sectional elevation of a lamp embodying my invention.

In such drawing, A denotes a horizontal ring suspended from a ceiling by pendent bars or rods *a a*, &c., such ring being adapted to receive and support a glass shade or globe, such as is generally used with this class of lamps.

From two opposite sides of the ring A depend hollow rods or tubes *b b*, while sliding within these tubes are rods or bars *c c*, which are secured at their lower ends to opposite extremities of a horizontal cross-bar, *d*.

The bar *d* constitutes the support of the oil-fount or lamp-body, and to this end I erect upon the center of such bar an upright receiver or case, B, which is adapted to receive the oil-fount *C* of the lamp, and enable the latter to be readily removed for purposes of filling, trimming, or cleaning.

To the upper part of the case B, I secure at opposite sides a clasp or yoke, *C*, which incloses and slides upon the adjacent suspensory or rod *b*, and aids in supporting the lamp and permitting it to easily slide upon the said suspensories. The clasps *C C*, when the lamp is in its lowest position, rest upon annular ledges *e e*, secured to or making part of the lower termination of each suspensory *b b*, and serve to prevent accidental escape of the lamp.

To maintain the lamp in its highest position, I dispose upon the top of the cross-bar *d* two bolts, *f f*, which slide in guides *g g* erected upon the bar, these bolts operating with the ledges *e e*, before named, to sustain the weight of the lamp.

Each bolt has a thumb-piece, *h*, depending below the bar *d*, and the two thumb-pieces may be grasped by the thumb and forefinger, and the bolts readily disengaged from the ledges *e e*.

By supporting the lamp-body as stated, it will be apparent that it may readily be lowered away from the chimney and globe, and thereby afford ample opportunity to trim, fill, or clean it, while at the same time the globe or shade is exposed in such manner as to be readily accessible when it is desired to clean it.

I claim—

1. The combination, with the fount-holder and the suspending-rods *b*, of the clasp or yoke *C* and bolts or latches *f*, substantially as and for the purposes set forth.

2. The fount-holder and tubular suspending-rods *b*, in combination with the clasp or yoke *C*, the rods *a*, and latches or bolts *f*, substantially as and for the purposes set forth.

FREEMAN A. TABER.

Witnesses:

H. E. LODGE,
F. CURTIS.