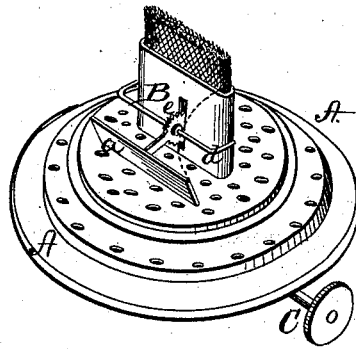


L. W. SWEM.
Lamp Extinguisher

No. 201,570.

Patented March 19, 1878.



WITNESSES

F. L. Ouraud
H. Aubrey Trounser

INVENTOR

L. W. Swem.
Alaude Mason
ATTORNEYS

UNITED STATES PATENT OFFICE:

LAWRENCE W. SWEM, OF WEST LIBERTY, IOWA.

IMPROVEMENT IN LAMP-EXTINGUISHERS.

Specification forming part of Letters Patent No. 201,570, dated March 19, 1878; application filed February 11, 1878.

To all whom it may concern:

Be it known that I, LAWRENCE W. SWEM, of West Liberty, in the county of Muscatine, and in the State of Iowa, have invented certain new and useful Improvements in Lamp-Extinguishers; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of an extinguishing device to be used with any ordinary wick-tube, and operated by means of the wick, as will be hereinafter set forth.

In order that those skilled in the art may make and use my invention, I will proceed to describe its construction and operation.

In the accompanying drawing, which is a perspective, and which forms a part of this specification, A represents the base of an ordinary lamp-burner, and B the usual wick-tube.

The wick is operated, as usual, by means of a spur-wheel connected to a finger and thumb rod. Upon the opposite side of the wick-tube is cut a small slot, and in this slot works a spur-wheel, *e*. This wheel is placed and works loosely upon a small rod, *d*, the two ends of which are secured to the wick-tube.

a represents the extinguisher, which consists of a small metal plate. This plate is connected to the wheel *e* by means of an arm, which is just long enough to bring the plate on top of the wick-tube when turned up.

To operate this extinguisher, it will readily be

seen that as the teeth of the wheel *e* cut into the wick it will only be necessary to turn the wick down in the tube. The movement of the wick causes the wheel *e* to turn and the extinguisher *a* to fly up and cover the mouth of the wick-orifice in the tube. The wick may be raised to any desired height without being materially interfered with by the spur-wheel *e*.

This device may easily be attached to any of the lamps in common use by a very slight alteration of the wick-tube.

I am aware that it is not new to attach a lamp-extinguisher to the wick-raising apparatus, and thus operate the two together; but I am not aware that a lamp-extinguisher has heretofore ever been made independent of the wick-raising mechanism, and simply operated by the movement of the wick alone.

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

The combination, with a wick-tube, of a spur-wheel with extinguisher attached, independent of and entirely disconnected from the wick-raising mechanism, said wheel passing through a slot in the tube, and operated by the downward action of the wick to extinguish the light, substantially as herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 15th day of January, 1878.

LAWRENCE WILSON SWEM.

Witnesses:

J. M. MASON,
WILLIAM WALKER.