

W. P. WENTWORTH.
LAMP-LIGHTER.

No. 188,269.

Patented March 13, 1877.

Fig. 1.

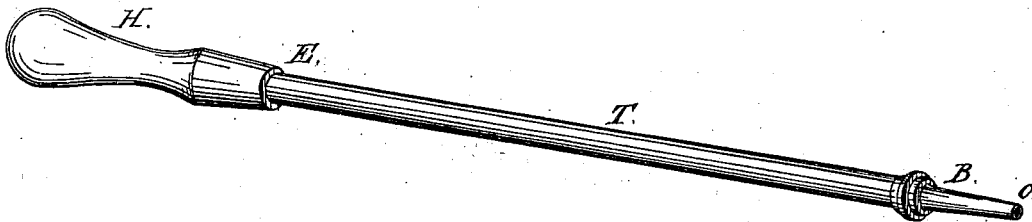
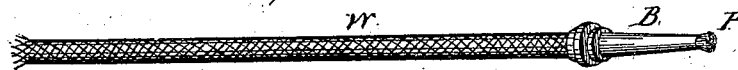


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

WILLIAM P. WENTWORTH, OF SENECA FALLS, NEW YORK.

IMPROVEMENT IN LAMP-LIGHTERS.

Specification forming part of Letters Patent No. **188,269**, dated March 13, 1877; application filed December 28, 1876.

To all whom it may concern:

Be it known that I, WILLIAM P. WENTWORTH, of Seneca Falls, in the county of Seneca and State of New York, have invented a new and Improved Lamp and Gas Lighter; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view of my invention. Fig. 2 is the burner B, removed from the tube T, and provided with a wick.

The object of my invention is to furnish a device by which to facilitate the labor of lighting lamps and gas.

In the drawing, T is a metallic tube, provided at one end with the burner B, which is attached to the tube T by means of a screw or other suitable device. The burner B is provided with a longitudinal cavity, the orifice O of which cavity is of exactly sufficient diameter to fit the wick used, in such a manner as to insure complete combustion, while at the same time there will be no escape of oil or other fluid through the orifice O, even in case the lamp-lighter be held with the orifice O exactly downward for a short time. The end E of the tube is provided with a handle, H, which is attached to the tube T in such a manner as to make the end E of the tube fluid-tight.

When the lamp-lighter is to be used a wick is adjusted in the burner B, as shown in Fig. 2. The tube T is nearly filled with kerosene or other suitable burning-fluid, after which the

wick W is inserted in the tube T, and the burner B screwed firmly to its place. Then the wick may be ignited by holding the point P for a few seconds in contact with a coal-fire or a flame of any kind.

The advantages of my invention over other lamp-lighters consist in simplicity, cheapness, and durability, combined with the fact that my lamp-lighter burns equally well in any position—perpendicular, horizontal, or otherwise—and that the point P may, without danger of accident, be thrust in any position into a bright coal-fire or flame of any kind for the purpose of igniting the wick. Even though the point P is held exactly downward, there will be no escape of oil from the orifice O, and consequently there will be no danger of accident.

My invention is also a great saver of matches, for as long as there is a fire or flame of any kind in the house the lamp-lighter may be used in the place of matches; consequently no match need ever be used.

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

The burner B, provided with the orifice O, made to fit the wick in the particular manner and for the purpose set forth, combined with the tube T and the handle H, the whole constructed, arranged, and operating as herein specified.

WILLIAM P. WENTWORTH.

Witnesses:

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