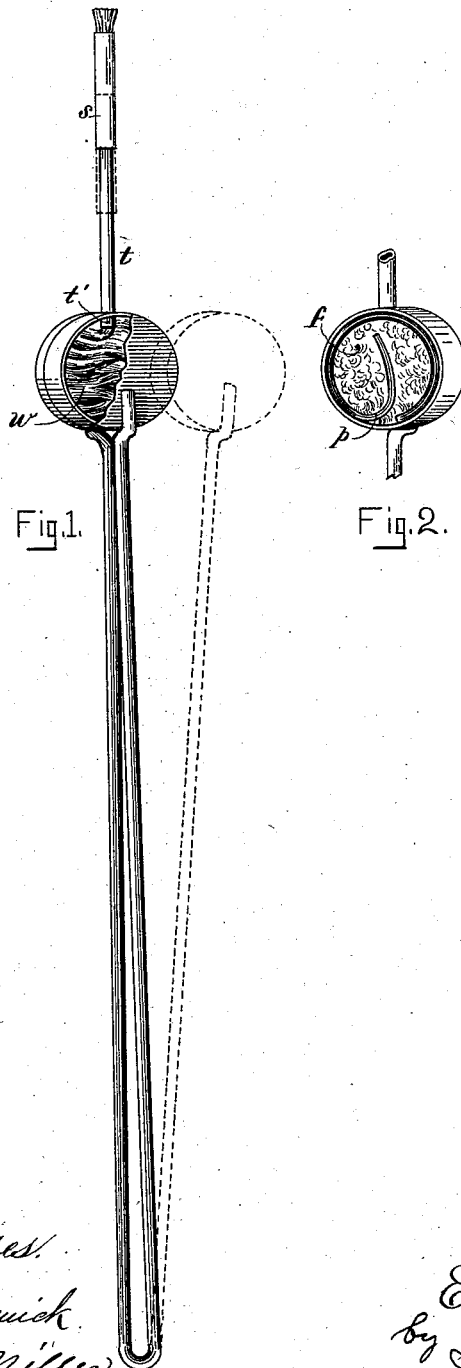


(No Model.)

E. MORRISON.
LAMP LIGHTING IMPLEMENT.

No. 259,705.

Patented June 20, 1882.



Witnesses:
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Inventor:
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UNITED STATES PATENT OFFICE.

ELIJAH MORRISON, OF BOSTON, MASSACHUSETTS.

LAMP-LIGHTING IMPLEMENT.

SPECIFICATION forming part of Letters Patent No. 259,705, dated June 20, 1882.

Application filed September 30, 1881. (No model.)

To all whom it may concern:

Be it known that I, ELIJAH MORRISON, of Boston, State of Massachusetts, have invented a new and useful Improvement in Lamp-Lighting Implements, of which the following is a specification.

My said invention consists in combining the several parts of the implement to secure the lightness, durability, and compactness necessary to adapt it to its intended uses, as follows: A long slender tube adapted to receive and carry and carrying one end of a long piece of wicking is inserted into the side or end of a box-like receptacle, within which is coiled or folded compactly the remaining portion of said wick. A small piece of cotton or other like suitable fibrous material is placed over and around that portion of the wick in the said box to keep it in form and to absorb such portion of the oil (or other fluid to be burned) poured into the box as may not be absorbed by the wick itself. The said contents of said box are held in place by placing over them a removable piece of perforated metal sheeting, or wire-gauze, or springs, which with said cotton or like material form a cushion which tends to lessen and avoid and regulate any pressure on the wicking which might diminish its capacity for saturation and for carrying the oil to feed the flame. The oil to saturate the wick is applied to it while it is thus held in place. To prevent any excess of oil from dripping through the wick and from the outer end of the tube when said end is held downward, the end of the tube which enters said box-like receptacle projects slightly into said box, so that the implement may be hung or carried or placed in any convenient position. The whole contents of said box are secured and inclosed by a tightly-fitting cover to said box. A handle of wire or other material of sufficient and suitable rigidity and strength is attached to the box.

The object of my said invention is specially to provide a convenient, safe, and cheap means of lighting a kerosene lamp or stove through the chimney from above without removing the chimney from its rest around the burner; but it is applicable to any use for which a lighted match is commonly employed. By a proper distribution of the weight of its several parts the lighter, when laid down, will tilt so that its lighted end will be clear of the surface on which it rests and the flame continue to burn until the oil-supply is consumed. I also apply a sleeve to the end of the tube, by operating which the size of the flame may be regulated without moving the wick.

In the drawings, Figure 1 shows the implement invented by me with the top of the box-cover partially broken away and the side cushion removed so as to expose the folded end of the wick in place and one end, *t*, of the wick-tube extending into the box, and it also shows the other end of the wick in place in the tube, with the sleeve *s* on the tube. The handle, as shown, is a slender wire doubled into a long elliptical spring, one end of the wire fastened to the top of the cover, the other end to the bottom of the box. The dotted lines indicate the position of said cover, having one end of the said handle fastened to it when it is off the box.

Fig. 2 shows the cover of the box removed so as to expose the spring-cushion in place, consisting of said fibrous material *f* and wire spring *p*.

I claim as my invention—

An implement for lighting lamps and the like having in combination the box-like receptacle, tube, and wick, as described, with the cushion, as described, and handle, all as set forth and described.

ELIJAH MORRISON.

Witnesses:

FRANS. AMORY,
SAMUEL SNOW.