

(No Model.)

T. REDIHOUGH.

WICK TRIMMER.

No. 306,774.

Patented Oct. 21, 1884.

Fig. 1.

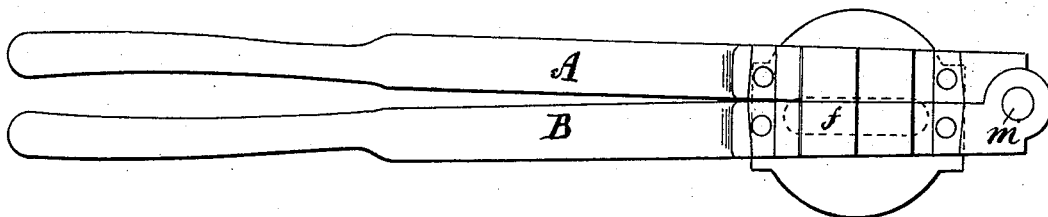


Fig. 2.

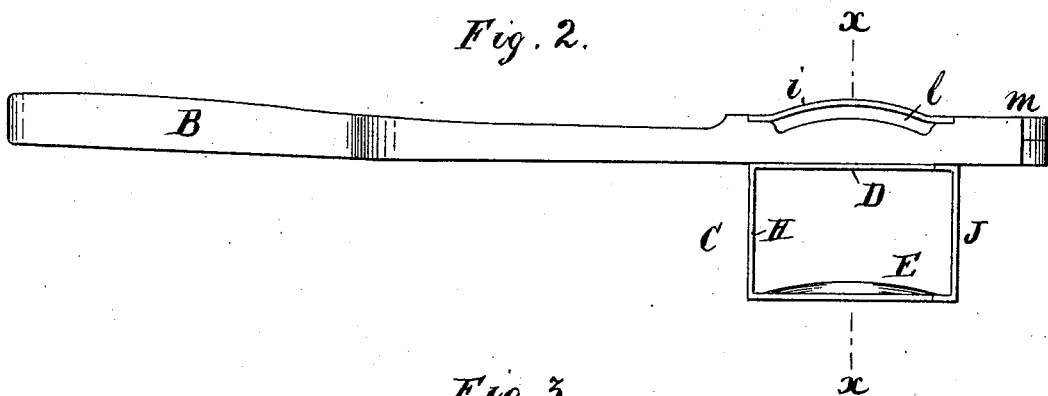


Fig. 3.

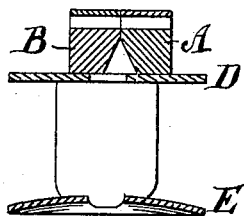
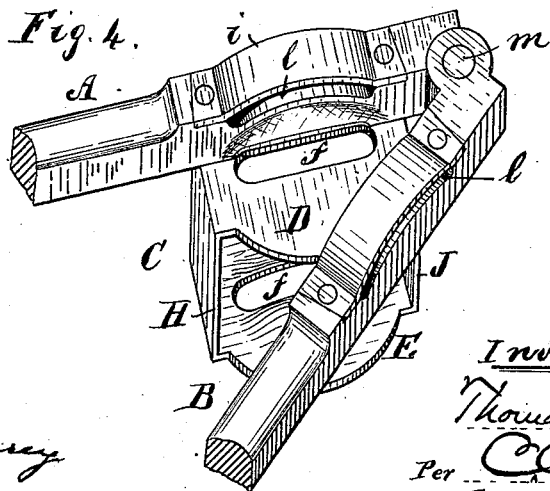


Fig. 4.



Witnesses.

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THOMAS REDIHUGH, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO HIMSELF
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WICK-TRIMMER.

SPECIFICATION forming part of Letters Patent No. 306,774, dated October 21, 1884.

Application filed May 19, 1884. (No model.)

To all whom it may concern:

Be it known that I, THOMAS REDIHUGH, of Boston, in the county of Suffolk, State of Massachusetts, have invented a certain new and useful Improvement in Wick-Trimmers, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which said invention appertains to make and use the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a top plan view of my improved trimmer; Fig. 2, a side elevation of the same; Fig. 3, a vertical transverse section taken on line *x* in Fig. 2, and Fig. 4 an isometrical perspective view, the handles being represented as broken off.

Like letters of reference indicate corresponding parts in the different figures of the drawings.

My invention relates more especially to that class of wick-trimmers which are employed in trimming or cutting the wicks of kerosene-lamps, or lamps designed for burning the hydrocarbon oils; and it consists in a novel construction and arrangement of the parts, as hereinafter more fully set forth and claimed, by which a simpler, cheaper, and more effective device of this character is produced than is now in ordinary use.

The nature and operation of the improvement will be readily understood by all conversant with such matters from the following explanation.

In the drawings, A B represent the handles, which are pivoted or jointed together at one end, as shown at *m*.

Securely attached to the under side of the handle A, near the pivot *m*, there is a guide or guard, C, consisting of the top D, bottom E, and sides H J, which connect the top and bottom, as best seen in Fig. 2. An elongated vertical slot, *f*, is formed in the top D, and there is also a corresponding slot *f* in the bottom E, these slots being arranged one directly over the other and in parallelism with the handles A B.

In the handle A, directly opposite the slot *f* in the top D, there is an arched or inwardly-curved transversely-arranged slot, *l*, a corre-

sponding slot *l* being also made in the handle B, so that when the handles are closed a continuous slot is formed from side to side of the trimmer.

In the use of my improvement the wick-tube is inserted in the slots *f*, and the wick turned up until it is sufficiently above the curved slots *l*, when the handles are closed and the upper portion of the wick clamped or grasped between them. A sharp knife or other suitable implement for the purpose is then inserted in the slot *l*, and the wick severed in a manner which will be readily obvious without a more explicit description. When it is required to merely remove the carbonized portion of the wick, it is turned upwardly until it extends above the top of the arched portions *l*, after which the handles are closed and the wick is trimmed above the arch by merely brushing off the burned portions, the handles clamping and sustaining the wick in proper position while this is performed. The bottom E, top D, and sides H J serve as a guide to bring the wick into proper position to be cut, and also as a support to hold the implement steady on the tube while the work is being performed.

The object of arching or curving the slots *l* upwardly is to enable the sides or edges of the wick to be cut slightly shorter or lower than the center, and thus cause it to burn more evenly, or prevent the blaze from "streaming."

Having thus explained my invention, what I claim, is—

1. A wick-trimmer having two pivoted or jointed handles adapted to clamp or grasp the wick, a guide or support attached to one of the handles and adapted to pass over the wick-tube, and a lateral slot through which a knife or cutting implement may be passed above the tube to cut or trim the wick, substantially as described.

2. The improved wick-trimmer herein described, the same consisting of the handles A B, jointed at *m*, and provided with the curved slots *l*, and the guide C, provided with the slots *f*, constructed, combined, and arranged to operate substantially as described.

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Witnesses:

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