

(No Model.)

F. RHIND.
WICK LIFTING DEVICE.

No. 485,429.

Patented Nov. 1, 1892.

Fig. 1

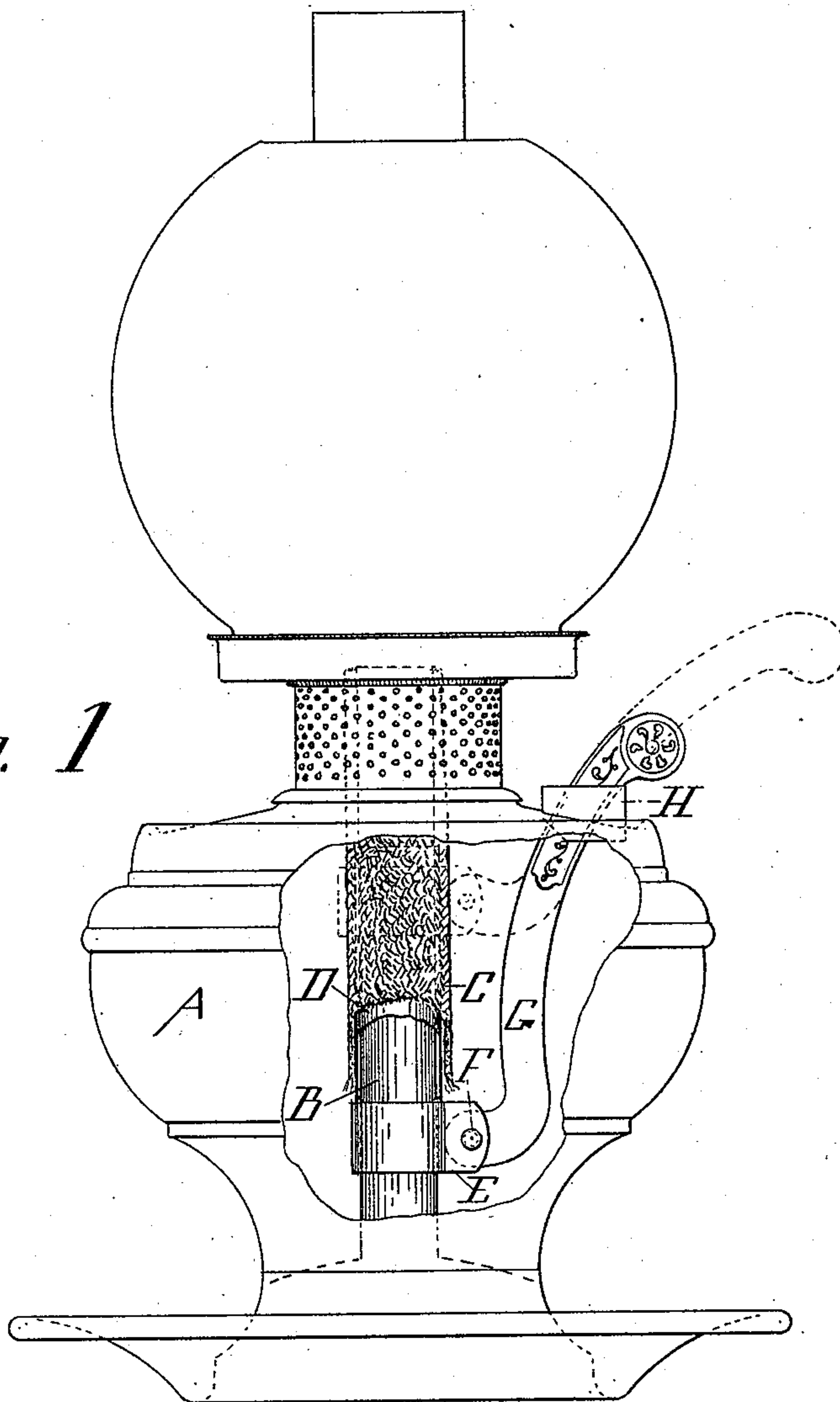
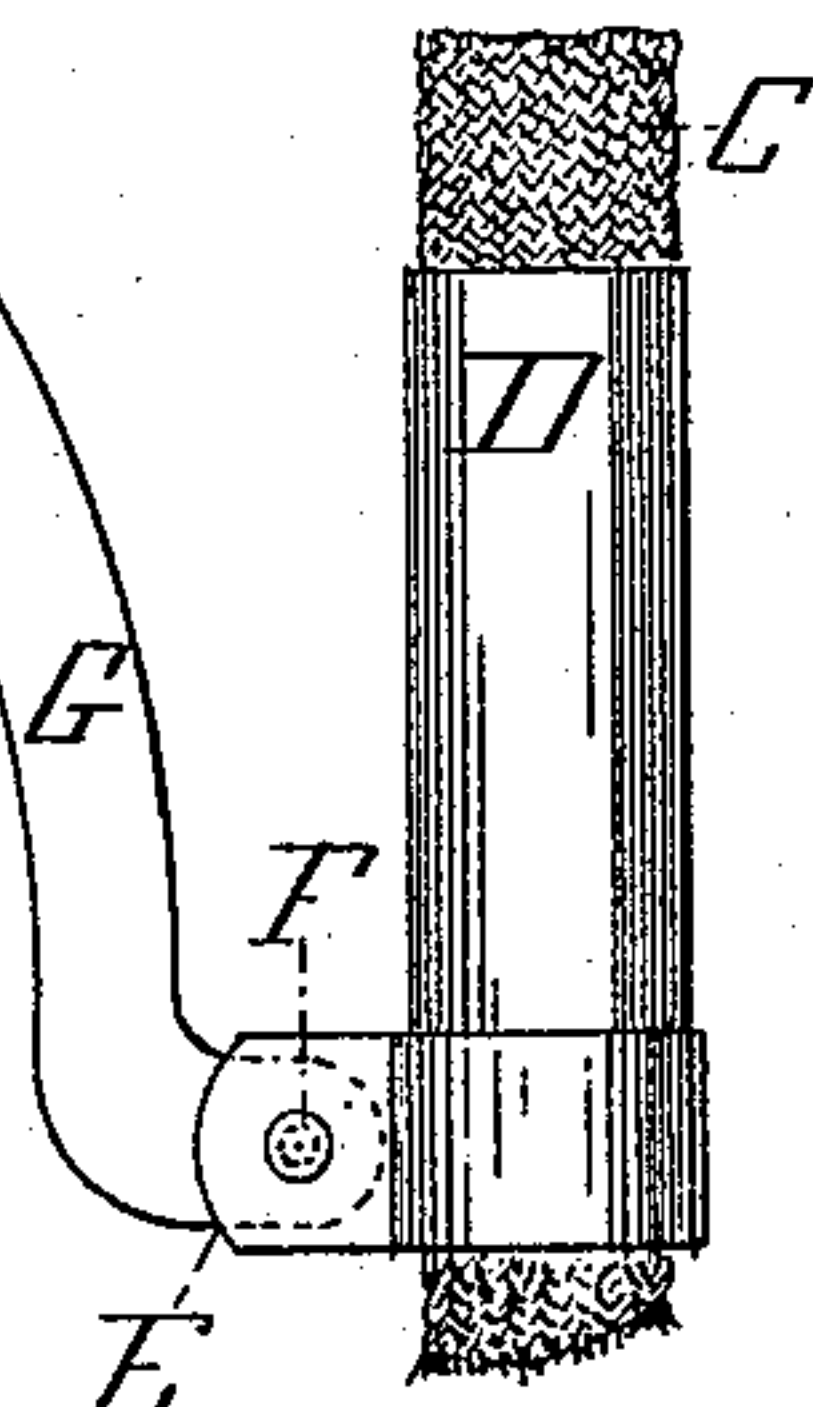


Fig. 2



WITNESSES

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UNITED STATES PATENT OFFICE.

FRANK RHIND, OF MERIDEN, CONNECTICUT, ASSIGNOR TO THE EDWARD MILLER & COMPANY, OF SAME PLACE.

WICK-LIFTING DEVICE.

SPECIFICATION forming part of Letters Patent No. 485,429, dated November 1, 1892.

Application filed September 29, 1887. Serial No. 251,012. (No model.)

To all whom it may concern:

Be it known that I, FRANK RHIND, a citizen of the United States, residing at Meriden, county of New Haven, and State of Connecticut, have invented an Improvement in Wick-Lifting Devices, of which the following is a specification.

My invention relates to that class of wick-lifting devices which has a sleeve capable of vertical motion with the wick, an offset attached to such sleeve, and a handle or draw-bar extending through the top of the lamp.

In the accompanying drawings, Figure 1 represents a lamp partly broken away to show the interior mechanism, and Fig. 2 represents a modification of my invention detached from the lamp.

A designates a lamp body or font; B, a central draft or inner wick tube; C, a wick, here shown as of tubular form; D, a band or sleeve by means of which the wick is vertically adjusted; E, an offset attached to or integral with the sleeve D; F, a pin by which the offset E and the draw-bar or handle G are pivotally connected; H, a guide or shield attached to the top of the font A, through which the handle G moves.

Similar letters refer to similar parts in the several views.

In explaining the construction and operation of my invention I will first describe the mode of construction shown in Fig. 1.

The sleeve D is formed with its interior diameter slightly greater than the exterior diameter of the wick-tube B and so as to slide smoothly on said tube. An offset or lug E is attached to or formed integrally with the sleeve D, to which offset the draw-bar or handle G is pivotally attached by means of the pin F. The handle G passes out through the top of the font A and is guided against lateral motion by the shield or guide H. The handle G is here made in the form of an approximately-elliptic arc. Any convenient device may be used to increase the friction between the sleeve D and the wick C. As these

are well known in the art and form no part of my present invention, I have not thought it necessary to illustrate any of them in this connection.

In Fig. 2 is shown a detached wick-lift similar to that above described, except that the sleeve or band D encircles the wick C.

I am aware that wick-lifting devices consisting of a sleeve or band encircling or encircled by the wick, an offset or lug, and a vertical draw-bar or handle have heretofore been made; but such offset and draw-bar have heretofore been rigidly connected together, so that the sleeve and draw-bar were maintained in a parallel position. In my invention by pivotally connecting the offset and handle and making the distance of the guide H from the wick-tube B greater than that of the pivot F the upper end of the draw-bar G moves outward as well as upward, and is so enabled to clear a projecting chimney bulb or shade, as shown in Fig. 1. This outward movement of the upper end of the handle is increased, if desired, by giving the bar an arc-like form, as shown in Figs. 1 and 2.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is as follows:

1. The combination, with the wick-holder of a central-draft lamp, of an outwardly-curved draw-bar secured thereto by a connection which permits the upper end of the draw-bar to move away from the burner of the lamp as the wick is raised, substantially as set forth.

2. The combination, with the wick-holder of a central-draft lamp, of an outwardly-curved draw-bar pivoted thereto to permit the upper end of the draw-bar to move away from the burner of the lamp as the wick is raised, substantially as set forth.

FRANK RHIND.

Witnesses:

GEO. L. COOPER,
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