

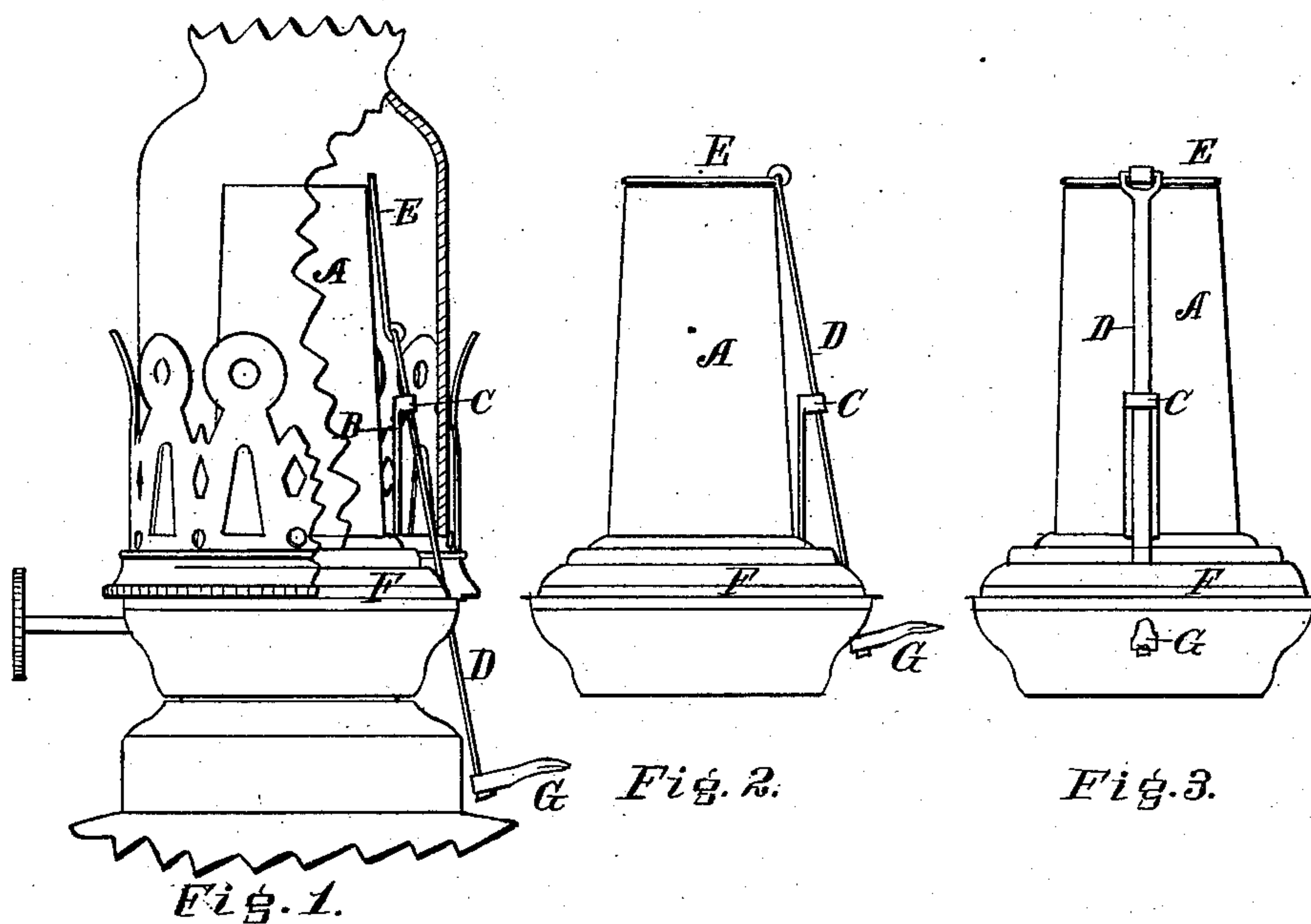
(No Model.)

M. J. SCHUCH.

LAMP EXTINGUISHER.

No. 272,335.

Patented Feb. 13, 1883.



Witnesses:
H. Lawrence
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UNITED STATES PATENT OFFICE.

MARY J. SCHUCH, OF CINCINNATI, OHIO.

LAMP-EXTINGUISHER.

SPECIFICATION forming part of Letters Patent No. 272,335, dated February 13, 1883.

Application filed February 13, 1882. (No model.)

To all whom it may concern :

Be it known that I, MARY J. SCHUCH, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement in Lamp-Extinguishers, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a side view of an Argand burner equipped with the extinguishing device depressed so as to permit the flame to burn uninterruptedly. Fig. 2 is a side view of the same burner, showing the extinguishing device in position after flame has been extinguished. Fig. 3 is a side view of same.

The object of my invention is to provide a simple and effective extinguisher for all forms of coal-oil lamps.

Referring to the accompanying drawings, A represents the wick-tube of the Argand burner.

Near one side of the base is an arm or standard, B, projecting upward, the upper end of which is provided with a guide, C, to receive a vertical rod, D.

The upper end of the rod D is hinged to a disk, E, at one side of it. This disk is preferably of even size with the diameter of the wick-tube A; but it may be made larger, if desired. The rod D passes through the base of the burner F, and has at its lower end a removable thumb-piece, G; or a removable knob may be substituted therefor, the object being to so construct the rod D that it may be readily removed from the burner.

The adaptation of this device to a flat wick-tube will be purely a matter of mechanical construction and easily accomplished, and need not here be explained.

The disk E represents the best form for Argand burners, and the hood is most suitable

for the flat wick-tubes; but it is obvious that either hoods or flat disks or plates may be used on either class of burners.

The operation of my device will be readily understood from the foregoing description. A simple direct upward movement of rod D thrusts the piece hinged to it upward till by its own weight or otherwise it comes over the lamp-wick and extinguishes the flame. A reverse and downward movement of the rod serves to withdraw the piece from the wick.

I am aware it is not new, broadly, to provide a wick-tube with a cap or hood hinged to the tube and connected with a rod or handle, so that when it is turned over the end of the wick-tube the flame will be extinguished, and I therefore disclaim this. I am not aware, however, that a disk or hood applicable alike for Argand as well as the common burners, simply connected with the operating rod or handle, but not hinged to the wick-tube, has ever before been known or used.

Having described my invention, what I claim is—

In lamp-extinguishers, the combination of the supporting-standard B, attached to the burner, having the rod D, provided on the lower end with the removable thumb-piece or knob G, and at the upper end a hinged disk or hood, with the wick-tube, whereby by means of a direct upward or downward movement of the rod the lamp-wick can be covered or uncovered, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand in the presence of witnesses.

MARY J. SCHUCH.

Witnesses:

HENRY J. HARROP,
O. J. BAILEY.