

(No Model.)

L. WOJIDKOW.
COOKING LAMP.

No. 493,803.

Patented Mar. 21, 1893.

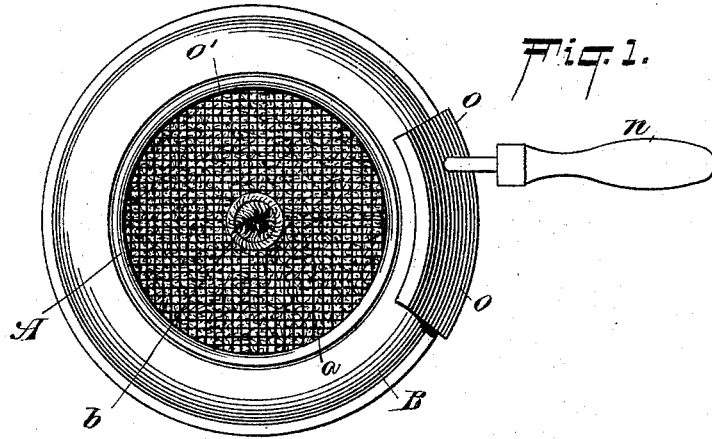


Fig. 2.

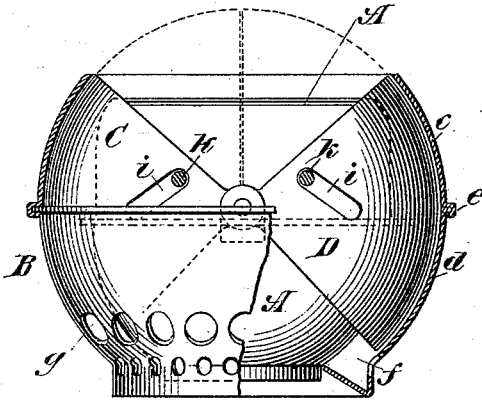


Fig. 3.

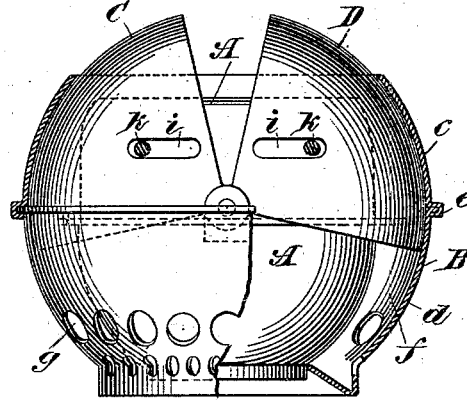


Fig. 4.

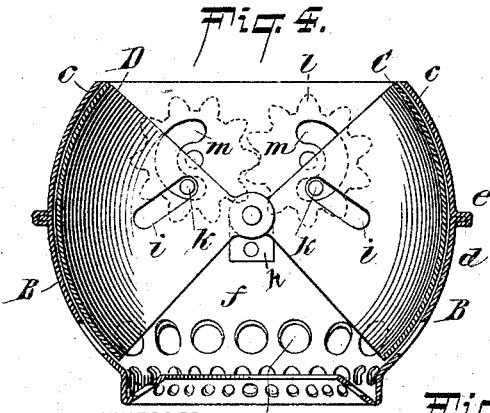
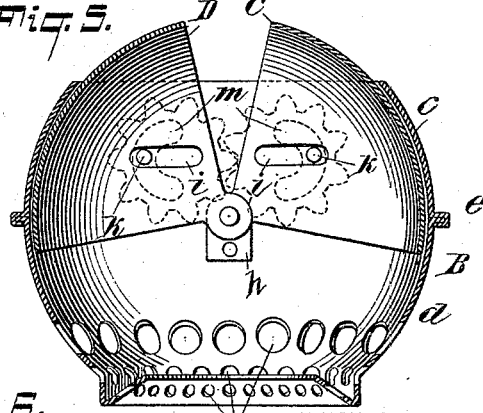


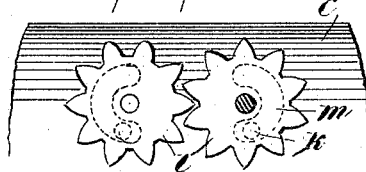
Fig. 5.



WITNESSES:

William Goebel.
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Fig. 6.



INVENTOR

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BY *George Cook.*

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UNITED STATES PATENT OFFICE.

LOUIS WOJDKOW, OF BROOKLYN, NEW YORK.

COOKING-LAMP.

SPECIFICATION forming part of Letters Patent No. 493,803, dated March 21, 1893.

Application filed December 10, 1892. Serial No. 454,730. (No model.)

To all whom it may concern:

Be it known that I, LOUIS WOJDKOW, a citizen of the United States, and a resident of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Cooking-Lamps, of which the following is a specification.

My invention relates to an improvement in stove or cooking lamps, and more particularly to improvements upon the lamp patented to me January 12, 1892, No. 466,867, the object being to provide means whereby the flame may at any time be regulated, that is, increased or decreased to any extent, or totally extinguished.

With these and other ends in view, my invention consists in certain novel features of construction, and combination of parts as will be hereinafter fully described and pointed out in the claims.

In the accompanying drawings, Figure 1 is a top plan view of my improved lamp. Fig. 2 is a view thereof, partly in elevation and partly in section, the regulator being in its lowered adjustment. Fig. 3 is a similar view with the regulator partly raised or closed. Fig. 4 is a sectional view of the casing and regulator, the lamp being removed. Fig. 5 is a similar view with the regulator partly raised or closed. Fig. 6 is a side view of a part of the casing showing the ratchet wheels for operating the regulator.

Referring to the drawings A represents the lamp proper, adapted to contain asbestos or other suitable material for holding alcohol, kerosene or other such fluids, said asbestos or other material with which the lamp proper or receptacle is filled, being retained in place within said lamp by means of wire gauze or netting *a* fitting over the upper surface thereof.

I have found in practice that after the lamp has been in use for a short time, and the fine hairs or fibers of the asbestos which protrude through and beyond the wire netting consumed, some difficulty is experienced in readily igniting the asbestos or other material, and to obviate this difficulty, I cut out or remove a small portion from the center of the netting or gauze *a* as shown at *b*, Fig. 1, thereby allowing the flame from the match to be brought into actual contact with the saturated asbestos and the latter readily ignited.

Surrounding the lamp proper A, is an outer casing B preferably made in two parts or sections, *c, d*, their adjacent edges being soldered or otherwise joined as at *e*, in the lower part of which is secured the lamp proper A, a space *f* being left between the latter and the lower part of the casing for the passage of air entering through openings *g*, to the flame. This casing with its contained lamp is shaped or formed to rest in or upon a supporting bracket or frame, not shown. To the lower part of the casing are secured the pieces *h*, to which are pivotally connected the ends of the regulator, and extinguisher, made in two sections C, D, and concavo-convex in shape to conform to that of the lamp A and casing B. These sections C, D, near one end thereof, are provided with slots *i*, into which project the pins or studs *k* fastened to the ratchet wheels *l*, the latter being mounted on shafts secured to the upper section *c* of the casing B, said studs or pins extending through arc-shaped slots *m* formed in said upper section *c*. One of these shafts, upon which the ratchet wheel is mounted, is lengthened and formed into a handle *n*, by turning which the ratchets *l*, which mesh with each other, are rotated, the pins or studs *k* thereon simultaneously raising or lowering the sections C, D, of the regulator, said sections when raised to their full extent, as shown in dotted lines Fig. 2, entirely covering the upper surface of the lamp proper A. It will be understood from the above description and arrangement of parts, that the sections C, D, may be opened or closed to any extent, and thereby limit or regulate the opening between them for the passage of the flame from the lamp proper A, the sections when lowered, passing down between the said lamp proper A and the inner side of the casing B, sufficient room or space being left between the sections, when lowered, and the lamp proper, for the passage of the air through the openings *g* and space *f* to the flame of the lamp.

To hide the ratchet wheels *l* from view, I place over them a cover *o*, as shown in Fig. 1, which may be soldered or otherwise secured to the outer side of the casing B. It will be understood, of course, that instead of placing these ratchet wheels on the outer side of the casing B, and hiding them by means of the

cover *o*, the metal forming the casing itself might be stamped or struck up so as to form a recess, in which the ratchet wheels might be placed. Other such slight changes will suggest themselves to any one skilled in the art, and which need not be further described or illustrated, and therefore I do not limit myself to the exact construction and arrangement of parts as herein set out, but—

10 Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A cooking lamp constructed with a lamp proper and filled with asbestos or other suitable material, and with a wire gauze or netting fitting over said material, and having a portion thereof removed, substantially as described.

2. In a cooking lamp the combination with the outercasing *B* of the inclosed lamp proper

A, the section—a regulator *C—D*, and means connected with said casing and regulator for opening or closing the latter, substantially as described.

3. In a cooking lamp, the combination with the lamp proper *A*, of the outer casing *B*, in and to which said lamp is secured, a regulator contained within the casing and pivotally secured thereto, and provided with slots *z*, and ratchets *l* secured to said casing and provided with pins extending through the latter and into said slots *z* substantially as described.

Signed at New York, in the county of New York and State of New York, this 3d day of December, A. D. 1892.

LOUIS WOJIDKOW.

Witnesses:

B. P. STRATTON,
GEORGE COOK.