

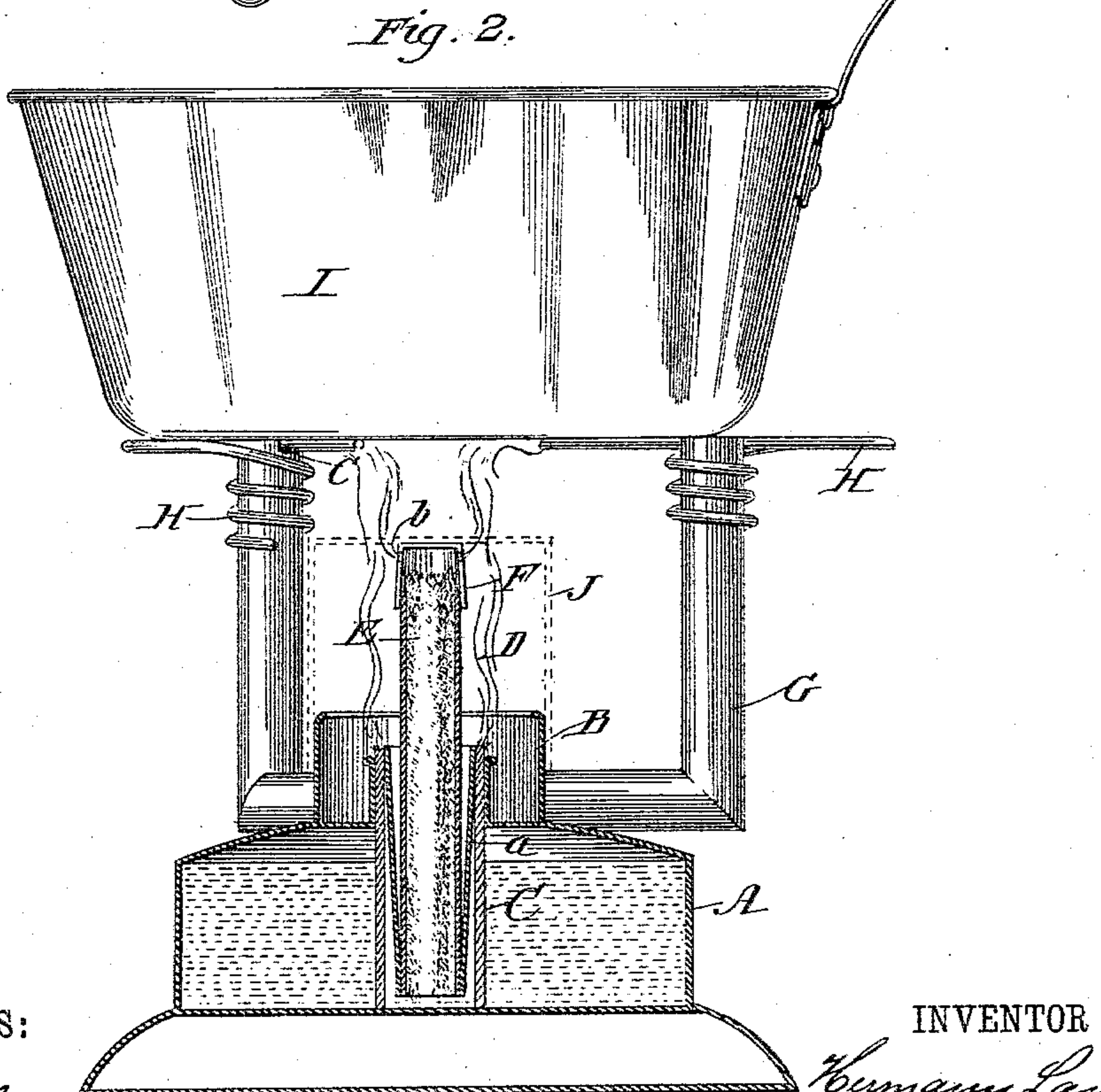
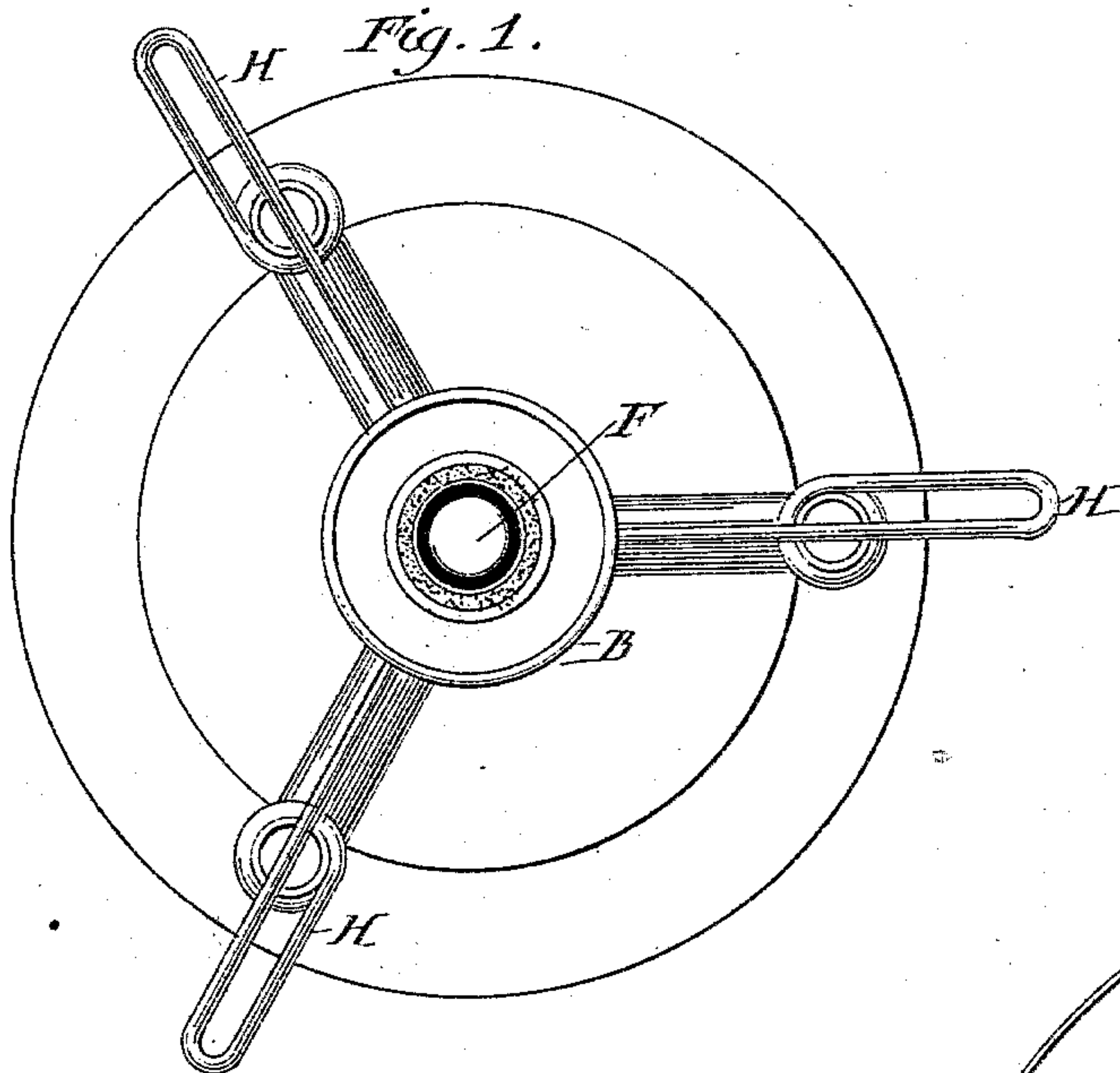
(No Model.)

H. LANGOSCH.

COOKING LAMP.

No. 305,825.

Patented Sept. 30, 1884.



WITNESSES:

Frank Blanchard
Wm. D. Clagett

INVENTOR

Herman Langosch

BY

Wm. B. Lotz

ATTORNEY

UNITED STATES PATENT OFFICE.

HERMANN LANGOSCH, OF CHICAGO, ILLINOIS.

COOKING-LAMP.

SPECIFICATION forming part of Letters Patent No. 305,825, dated September 30, 1884.

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

To all whom it may concern:

Be it known that I, HERMANN LANGOSCH, a citizen of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Cooking-Lamps, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to improvements in alcohol-lamps. The object it has in view is to obtain a lamp for cooking and other purposes in which a more perfect and effective flame is obtained; and to that end it consists of the novel devices and combination of devices, as will be described and claimed.

Reference will be made to the accompanying drawings, in which Figure 1 is a plan view; and Fig. 2, an elevation, partly in section.

Like letters refer to like parts in each view.

A represents the alcohol-chamber, and B a suitable drip-cup mounted on the top thereof, and surrounding the opening through which the wick C is inserted into said chamber A.

C is a tubular wick, and is placed around a flaring collar, *a*, which at its lower end is soldered or otherwise secured to a tube, D, within which is placed a wick, E. Tube D extends from a point near the bottom of chamber A up a short distance above the upper edge of drip-cup B, and to the upper end of said tube there is secured a cap, F, provided with perforations *b*, as shown in Fig. 2. Secured to the body of the lamp are a number of L-shaped supports, G, provided at their upper ends each with a groove or notch, C, Fig. 2, in which rest wires H, one of which is

coiled around each support G, and the ends of which extend inwardly a sufficient distance to form a rest for a cooking-vessel, I.

In Fig. 2 and in dotted lines I have shown a cap, J, which is used to extinguish the light and prevent evaporation when the lamp is not in use.

The operation and manner of using my lamp is as follows: The wick C is lighted, and the flame therefrom, owing to its position around tube D, heats said tube and the wick E contained therein, whereby the alcohol elevated by said wick is vaporized, and the vapors, escaping through perforations *b* of cup F, are ignited by the flame from wick C, and a more powerful and effective flame obtained. When it is desired to extinguish the flame, cap J is placed over the wicks, occupying the position shown in dotted lines, Fig. 2.

What I claim is—

1. The combination, with reservoir A and drip-cup B, of wick C, flaring collar *a*, tube D, wick E, and perforated cap F, as and for the purpose set forth.

2. In the lamp described, the combination, with L-shaped supports G, grooved or notched on their upper ends, of wires H, wound around said supports and resting in the grooves or notches, and provided with inwardly-projecting ends for supporting a cooking-vessel, as described.

In testimony whereof I affix my signature in presence of two witnesses.

HERMANN LANGOSCH.

Witnesses:

M. J. CLAGETT,
W. F. KLEWER.