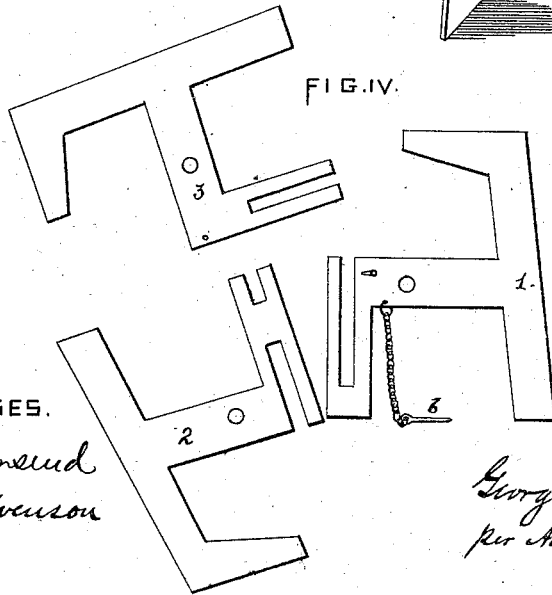
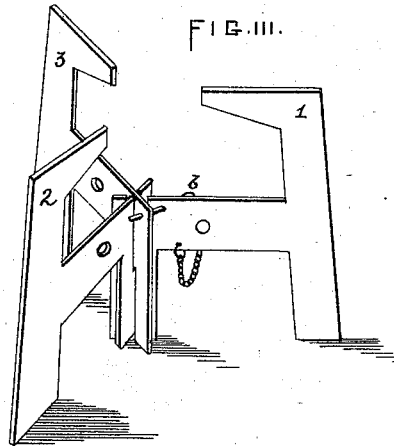
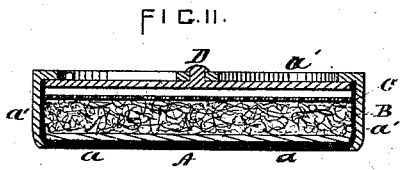
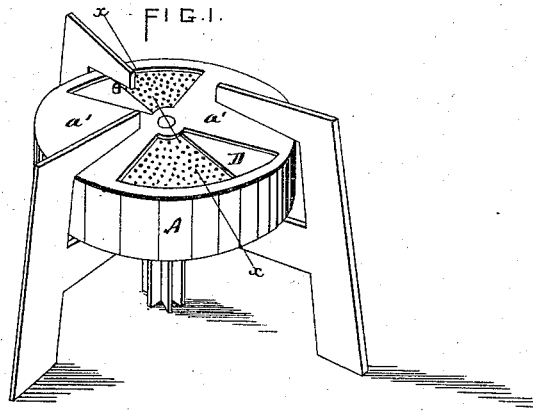


G. P. HOUSTON.
Cooking-Lamp.

No. 163,202.

Patented May 11, 1875.



WITNESSES.

F. B. Townsend
James Stevenson

INVENTOR.

George Peter Houston
per Atty.
A. H. Evans & Co.

UNITED STATES PATENT OFFICE.

GEORGE PORTER HOUSTON, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN COOKING-LAMPS.

Specification forming part of Letters Patent No. 163,202, dated May 11, 1875; application filed April 24, 1875.

To all whom it may concern:

Be it known that I, GEORGE PORTER HOUSTON, of Washington city, District of Columbia, have invented certain new and useful Improvements in Cooking-Lamps, of which the following is a clear, full, and exact description, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents the lamp in perspective; Fig. 2, a cross-section of the lamp; Fig. 3, the lamp-support with lamp removed; Fig. 4, the support in detached parts.

My invention relates to that class of cooking lamps or stoves designed for use in boating or picnic parties; and it consists in a device for adjusting and regulating the flame and heat, and in the peculiar construction and manner of sustaining the lamp-support.

My invention is an improvement on my improved cooking-lamp, for which I obtained Letters Patent No. 154,484, dated August 25, 1874.

To enable others skilled in the art to make and use my invention, I will proceed to describe the exact manner in which I have carried it out.

In the drawings, A represents my improved lamp or stove, partially filled with some suitable absorbent, B, covered with a wire-gauze disk, C. The body of the lamp consists of two parts, the holder *a* and the cap *a'*. The latter has one or more openings, exposing the surface of the wire-gauze, as seen in Fig. 1. To the center of the cap is pivoted the valve D, which, by turning on its pivot, can be made to cover the whole or any portion of the exposed wire-gauze, and consequently regulate, or, if need be, cut off the entire flame.

It is evident from this description that the heat of my lamp or stove is readily adjusted, thus overcoming a difficulty which has heretofore attended the use of these and similar lamps.

The support of my lamp, as described in my former patent, was hinged to a common pintle, and an excellent arrangement for the smaller lamps; but for lamps sufficiently large to meet the wants of a boating party, say eight or ten men, it is necessary to have a support larger than can be thus conveniently hinged to a common pintle. The object of my improved support is to overcome this difficulty. The support consists of three plates, 1, 2, and 3, cut as shown in Fig. 4, and are locked together as follows: No. 1 is first placed vertically in position; next, No. 2 is passed into the slot in No. 1, and then No. 3 is passed down diagonally through the slots of both Nos. 1 and 2, and the three plates stand locked together, in which position they may be secured by the safety-pin *b*, as shown in Fig. 3.

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

1. In a cooking lamp or stove constructed as described, the valve D, in combination with the holder *a* and cap *a'*, substantially as and for the purpose set forth.

2. In combination with a cooking lamp or stove, the plates 1, 2, and 3, forming the support, substantially as described.

GEO. PORTER HOUSTON.

Witnesses:

JAMES STEVENSON,
WILL. H. MOXON.