

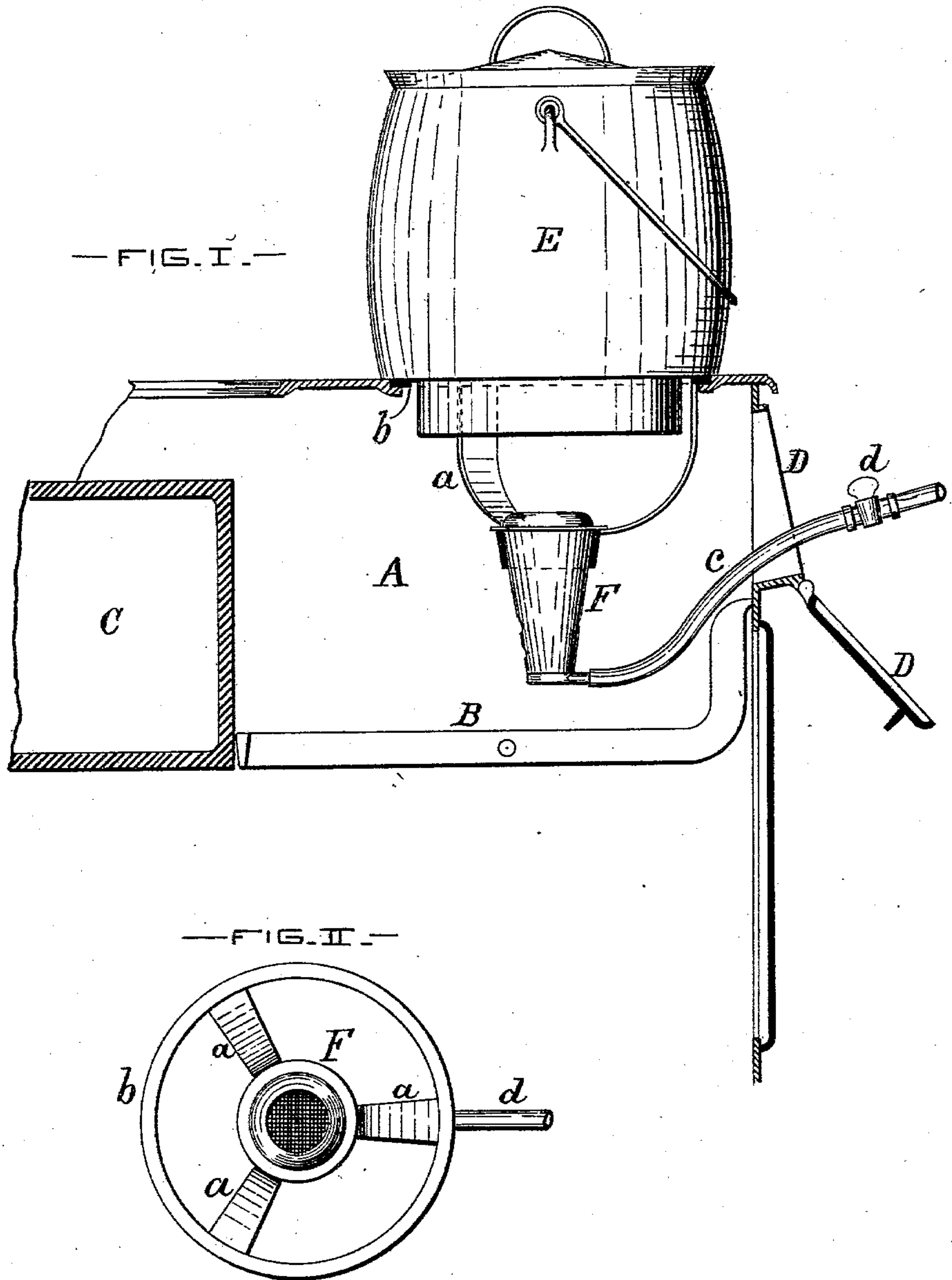
(No Model.)

J. R. HARE.

GAS STOVE.

No. 246,502.

Patented Aug. 30, 1881.



—WITNESSES—

*Harvey V. Albough,*  
*Chas. B. Weigandt*

—INVENTOR—

*John R. Hare,*  
*by E. H. Howard,*  
*Atty.*

# UNITED STATES PATENT OFFICE.

JOHN R. HARE, OF BALTIMORE, MARYLAND.

## GAS-STOVE.

SPECIFICATION forming part of Letters Patent No. 246,502, dated August 30, 1881.

Application filed June 10, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN R. HARE, of the city of Baltimore, and State of Maryland, have invented certain Improvements in Gas-Stoves, of which the following is a specification.

This invention consists in providing a gas-burner of the description usually employed for heating and cooking purposes, with means for its suspension within the fire-box of an ordinary cooking stove or range, as hereinafter described.

In the further description of my said invention, which follows, reference is made to the accompanying drawings, forming a part hereof, and in which—

Figure I is a sectional view of a part of a range provided with a gas-burner in accordance with my invention. Fig. II is a top view of the burner and its attachments.

Similar letters of reference indicate similar parts in both the views.

A represents the fire-box, and B the grate, of an ordinary cooking-range.

C is the water-back, and D the door through which the coal is fed to the fire.

E is a cooking utensil placed over one of the openings in the top of the range.

F is a gas-burner, of the heating kind, provided with devices for suspending it beneath the cooking utensil.

The means of suspension preferably consist of bars *a*, which project from the burner, and at their upper ends are connected to a ring, *b*,

which is fitted to rest in any one of the stove-openings, as shown.

The burner is adapted for connection to any gas-fixture from which a supply of gas may be obtained, and with this view it is provided with a flexible tube, *c*, and stop-cock *d*.

The advantages of using a gas-burner in connection with a cooking stove or range are that the products of combination of the gas do not escape, as in the ordinary gas-stove, to the room in which the stove is placed, but pass to the chimney through the stove-pipe and the various channels in the stove leading thereto.

I claim as my invention—

1. In combination with a cooking stove or range having therein a fire-box and a grate adapted for burning coal, and passages to conduct the products of combustion from the said fire-box to a stove-pipe, a gas-burner with means, as described, for its suspension within the said fire-box, and a flexible gas-supply pipe or tube leading from the said burner to the exterior of the stove, substantially as and for the purpose specified.

2. In combination with a stove or range, the ring *b*, bars *a*, and gas-burner *F*, all arranged with reference to the passages in the said stove leading to the stove-pipe, substantially as and for the purpose specified.

JOHN R. HARE.

Witnesses:

JOSHUA M. MYERS,  
MARC A. BLUMENBERG.