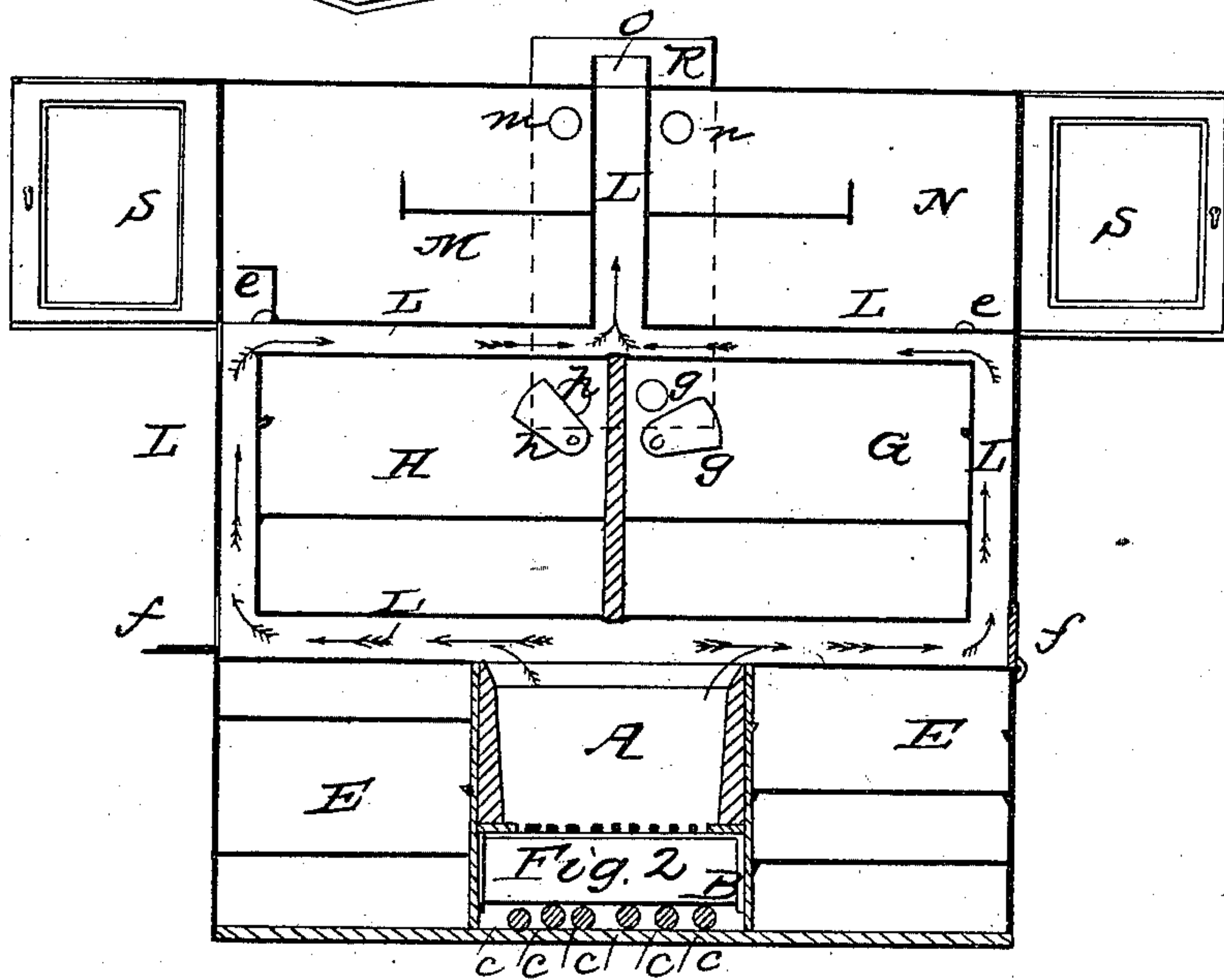
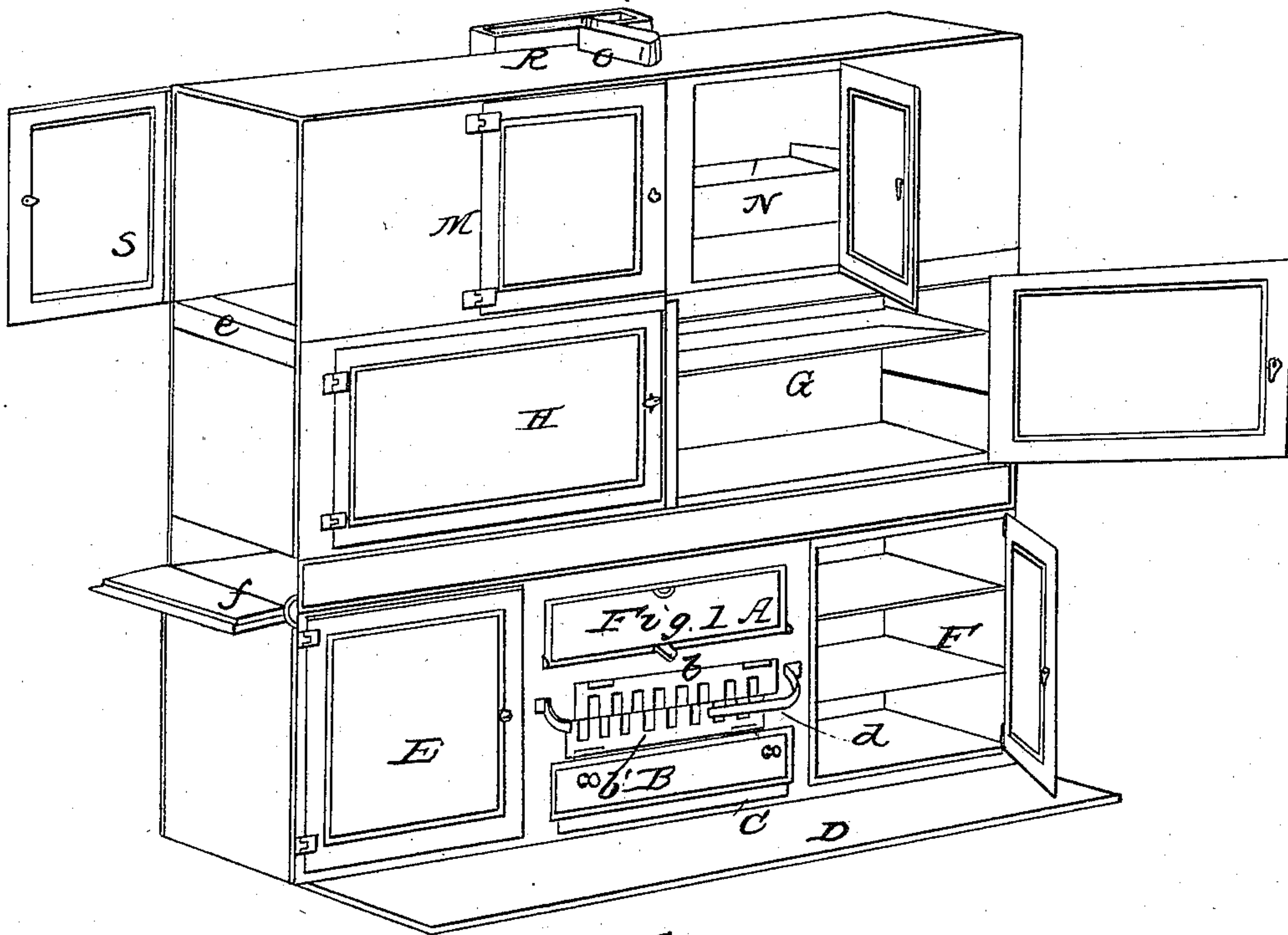


J. PARK.
Cooking Stove.

No. 42,221.

Patented April 5, 1864.



Witnesses
Mary J. Vassell
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UNITED STATES PATENT OFFICE.

JOHN PARK, OF JOLIET, ILLINOIS.

IMPROVEMENT IN COOKING-STOVES.

Specification forming part of Letters Patent No. 42,221, dated April 5, 1864.

To all whom it may concern:

Be it known that I, JOHN PARK, of Joliet, in the county of Will and State of Illinois, have invented a new and useful Improved Cooking-Cupboard; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form part of this specification.

In said drawings, Figure 1 represents a perspective view of my invention, and Fig. 2 a sectional view of the same.

The nature of my invention consists in a new article of manufacture—to wit, the cooking-cupboard herein shown and described, it being a cheap, capacious, and commodious apparatus for culinary purposes of all kinds, and at the same time occupies but little space and requires but a modicum of fuel.

To enable those skilled in the art to understand how to manufacture and use my invention, I will proceed to describe the same with particularity.

My improved cooking cupboard is designed to be manufactured of cast and sheet iron, or cast-iron and zinc, or any suitable metal, the fire-box and its appurtenances being of cast-iron and the body of the cupboard being of sheet iron, or its equivalent in iron.

A in the drawings represents the fire-box, provided with the grate *a*, below which is the ash-box B. Beneath the ash-box, and extending from front to rear, is the open space or passage C, through which a current of air may pass to cool the ashes, and thus prevent the heating or burning of the floor upon which the apparatus is placed.

D is a hearth extending out in front of the cupboard, and is of zinc or any other suitable metal.

b b' represent a double sliding damper, whose joint is designed to come opposite to the grate *a*, so that when a fire is to be kindled, by arranging the damper as shown in Fig. 1, the air enters below the grate and creates a draft up through the same, greatly facilitating the kindling of the fire. After the fire has been kindled, the arrangement of the dampers may be reversed, or both parts closed or opened, according as more or less draft is required.

c c represent perforations through the back of the apparatus, instead of having a rectangular opening, as shown in front.

d is a fender about the fire-box to prevent the clothes of persons about the cupboard being scorched or taking fire.

E and F represent two chambers on each side of the fire-box, which are provided with proper shelves or slides, in which meats and other articles may be kept warm after being cooked.

G and H denote two ovens or chambers, also provided with shelves or slides, whereon articles of food may be baked, or the shelves may be removed, and the removable partition P also, thus forming a very large oven if required; or it may be used to boil by placing kettles in the same, it being directly over the fire, and the openings *h* and *g* into the pipe R allowing the steam to pass off and not escape into the room.

M and N are other ovens, arranged directly over H and G, and constructed in the same manner, except that M and N have doors opening at the sides as well as in front, and have no removable partition.

L denotes the flues through which the heat and smoke pass about the ovens, escaping at the pipe *o*.

f f are small side doors to enable the soot to be cleaned out from the passages, and *e e* also show an arrangement whereby the flues on each side of H and G, and also between them and the upper ovens, M and N, may also be brushed out and cleaned of the soot collecting therein. The front and back of the flues L are of cast-iron, and the fire box may be lined with fire-brick.

Having described my improvement in cooking-cupboards, I will proceed to specify what I claim as new and desire to secure by Letters Patent.

I claim as a new article of manufacture—

The cooking-cupboard herein described, all constructed and arranged substantially as herein specified and shown.

JOHN PARK.

In presence of—

F. M. DONOUGH,
JAMES CAMPBELL.