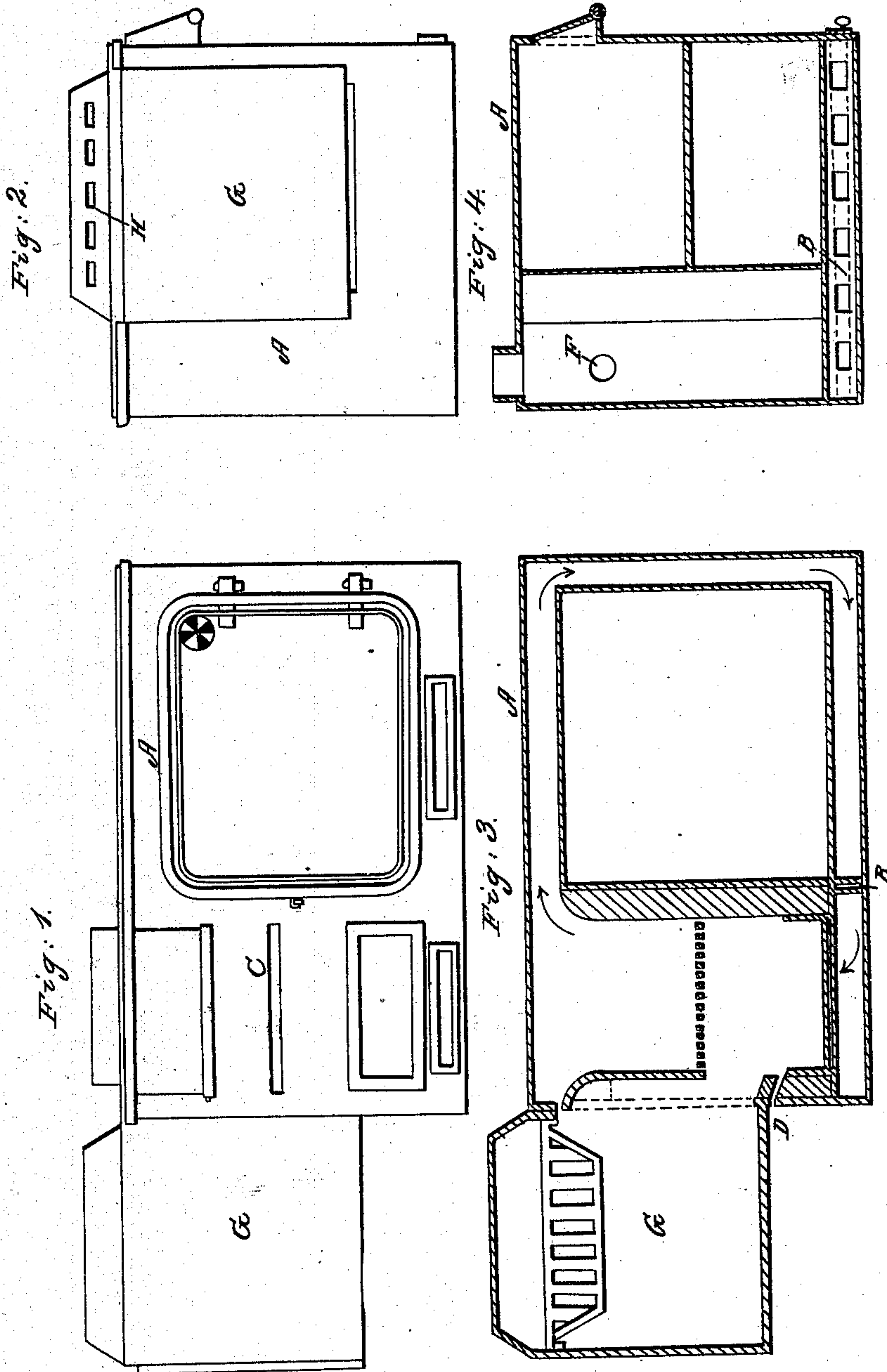


S. R. GOING.
Cooking Stove.

No. 35,658.

Patented June 17, 1862.



Witnesses:

Thos. Forbes.

M. Haskell.

Inventor:

Stephen R. Going.

UNITED STATES PATENT OFFICE

STEPHEN R. GOING, OF BROOKLYN, NEW YORK, ASSIGNOR TO DAVID S. QUIMBY AND DAVID S. QUIMBY, JR., OF SAME PLACE.

IMPROVEMENT IN STOVES.

Specification forming part of Letters Patent No. 35,658, dated June 17, 1862.

To all whom it may concern:

Be it known that I, STEPHEN R. GOING, of Brooklyn, in the county of Kings, in the State of New York, have invented a new and Improved Range for Cooking; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, in which—

Figure 1 is a front elevation of the range. Fig. 2 is an end elevation of the broiler and roaster end. Fig. 3 is a longitudinal section. Fig. 4 is a transverse section showing the graduated damper.

The nature of my invention consists of a graduated damper in the flue under the oven, with larger openings in it in the front of the range to produce greater heat on the front and bottom of the oven than has heretofore been obtained, and in a roaster and broiler combined with the range.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I construct my range in any of the known forms and apply to the under side or bottom

flue of the oven a graduated slide-damper, B, having several holes in its length, the larger being in front, and gradually decreasing in size to the back end of the oven, to produce an equal heat in and around said oven. A is the shell of the range, made in the ordinary way, having holes or apertures at C and D for admission of air for rapid circulation and quick combustion. The oven is ventilated by a register at E and an aperture, F, passing into the flue. G is a roaster and broiler ventilated at H. The roaster and broiler is made of a size to be placed inside of the oven of the range, which is a great convenience in transportation.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The manner of equalizing the heat of the fire in and around the oven by means of a damper, as set forth.

2. Placing the damper B in the flue, in the position shown in the drawings.

STEPHEN R. GOING.

Witnesses:

ELISHA FOWLER,
M. HASKELL.