

G. R. MOORE.

Stove Door.

No. 67,791.

Patented Aug. 13, 1867.

FIG. 1

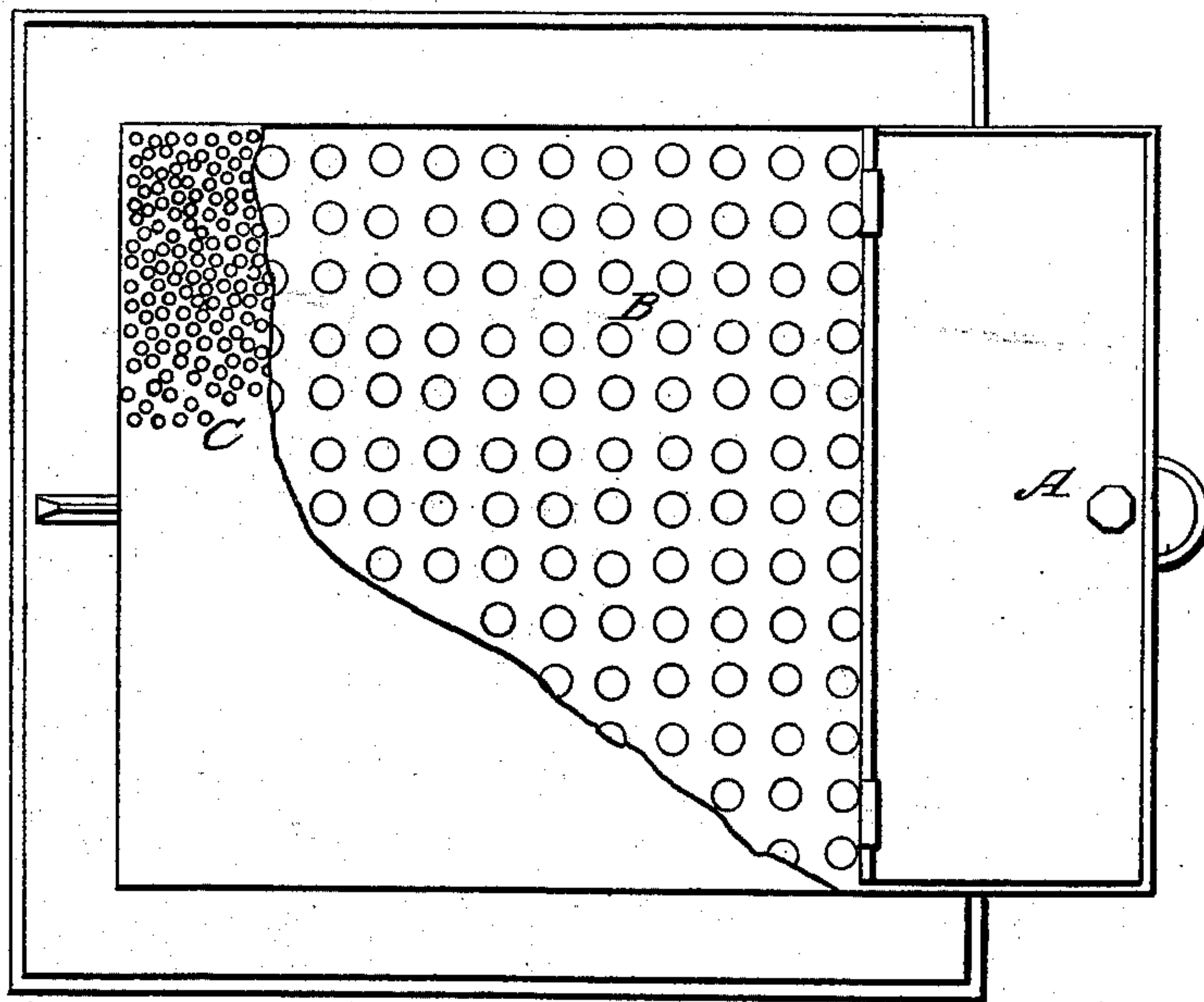
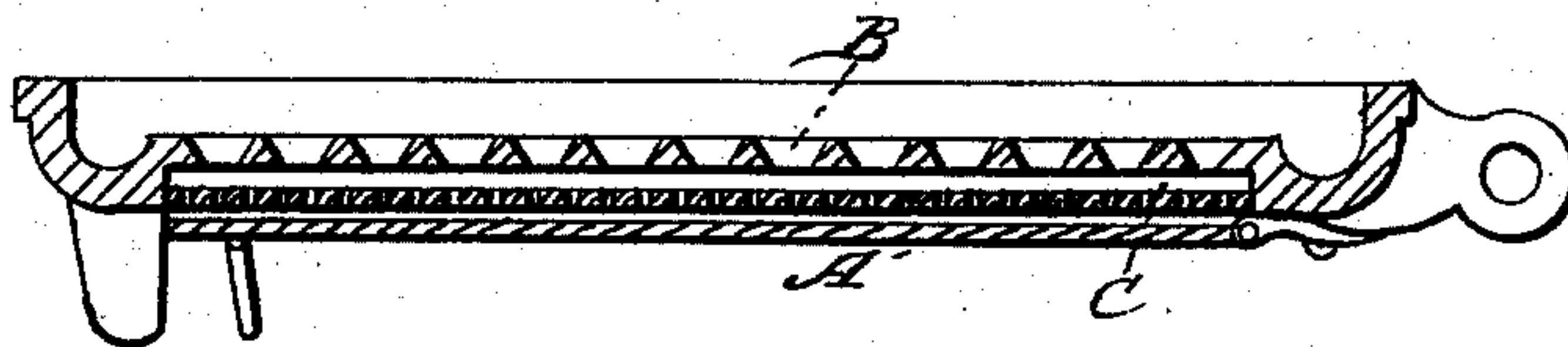


FIG. 2



WITNESSES:

*Levi's Gorbun*  
*Robert P. Mills*

INVENTOR:

*Geo. R. Moore*

# United States Patent Office.

GEORGE R. MOORE, OF LYONS, IOWA.

*Letters Patent No. 67,791, dated August 13, 1867.*

## ILLUMINATING DOOR FOR HEATING-STOVES.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, GEORGE R. MOORE, of Lyons, in the county of Clinton, and State of Iowa, have invented a new and useful Improvement in Illuminating Doors for Stoves and Heaters; 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.

The object of my invention is to provide a cheerful and durable door for stoves and heaters; a door by which air can be admitted in small quantity, while nearly the whole surface of the door exposes the fire to view through minute holes, which allow the fire to shine out freely when desired; and at the same time a light outside but close door, hung upon the main door, can be closed, so as to exclude the air when that condition is also desired.

Figure 1 shows the plan of the door, the outside light door A being open.

The illuminating part of the door consists of two thicknesses of metal, one of which is cast with apertures B, and the other is perforated sheet metal with fine apertures C. B is cast in one piece with the outside rim of the door, and is recessed so as to admit of the perforated metal, and leave as much space as may be desired between each of the thicknesses and also the outside door A.

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

1. The door for stoves and heaters made of three plates, the outer close and the other perforated, substantially as and for the purposes specified.
2. The stove-door composed of perforated plate C, cast-iron plate B, with apertures as shown, and closed hinged plate A, constructed and arranged as described.

Witnesses:

LEWIS GODLOVE,  
ROBERT R. MILLS,

GEO. R. MOORE.