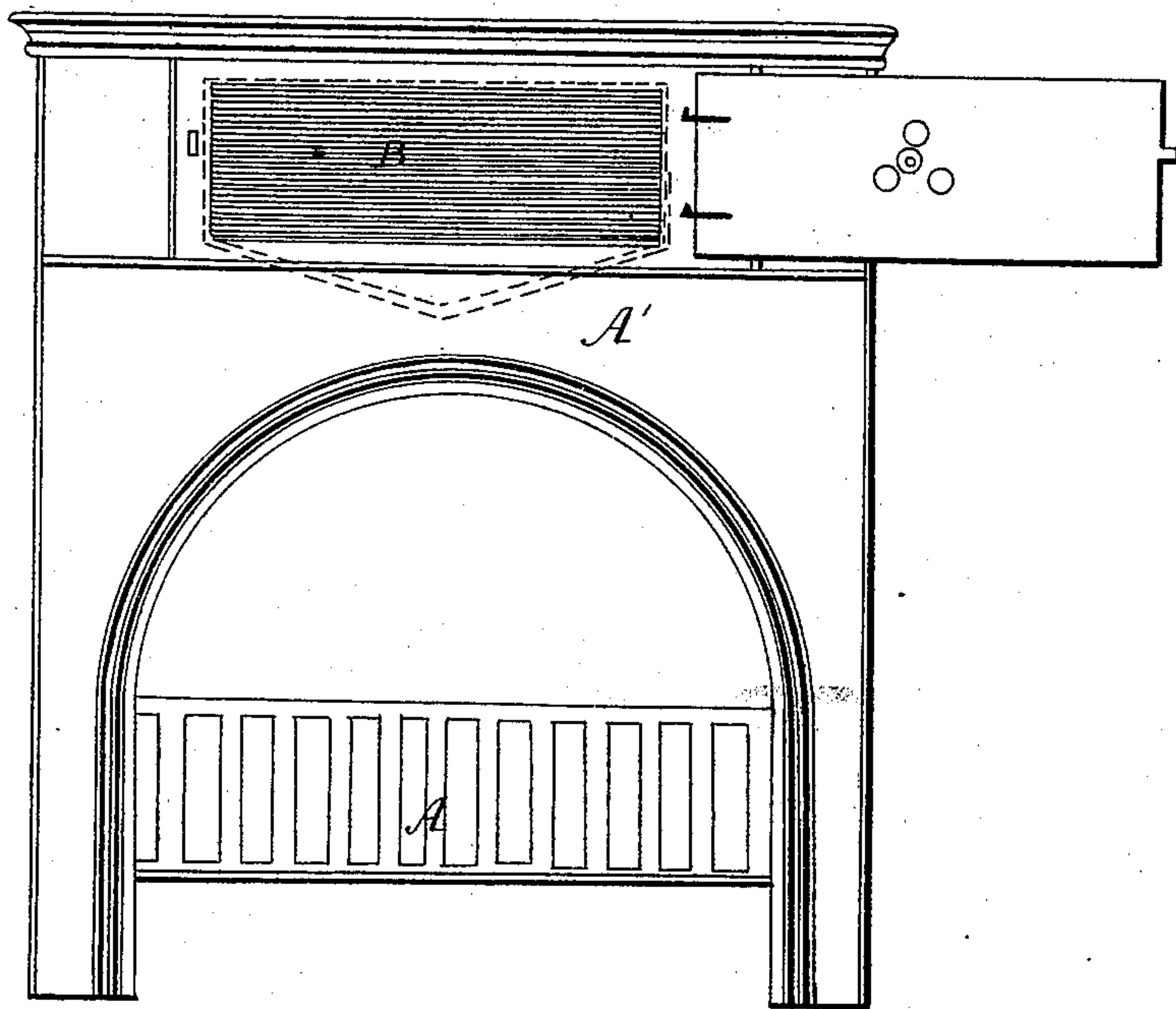


GILLESPIE & HUGHES.

Fireplace.

No. 104,136.

Patented June 14, 1870.



Witnesses.
Theodore Mungell.
James du Montin

J. W. Gillespie and
William Hughes, inventors by
Geo. E. Brown, Atty.

United States Patent Office.

JOSEPH W. GILLESPIE AND WILLIAM HUGHES, OF ALLIANCE, OHIO.*

Letters Patent No. 104,136, dated June 14, 1870.

COMBINED GRATE-FRONT AND OVEN.

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

To all whom it may concern:

Be it known that we, JOSEPH W. GILLESPIE and WILLIAM HUGHES, of Alliance, in the State of Ohio, have invented a new and useful Combination of Grate-Front and Oven; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing and letters of reference marked thereon making a part of this specification, in which—

Figure 1 is a front elevation.

This invention consists in the combination of a grate-front or frame, such as is ordinarily used for supporting a grate for heating purposes, with an oven, to the end that the grate may also be made applicable to cooking.

To enable those skilled in the art to make and use our invention, we now proceed to describe its construction and operation.

Similar letters in the drawing refer to like parts.

A is the grate, and

A' is the grate-front or frame.

B is the oven, placed above the grate and behind the grate-front.

The oven has a V-shaped bottom, which presents the least possible obstruction to the passage of products of combustion past it, and yet affords sufficient space within for holding articles to be cooked.

The oven is of less width than the grate-front, so as to leave space for a flue at each side.

The oven-door is provided with orifices, through which air may enter from the room and pass out when heated. The orifices are supplied with a register. In this manner the oven supplies warmth to the room.

We claim as our invention—

The grate-front A, combined with the oven B, when the two parts are so connected as to form but a single article of manufacture, substantially as described.

J. W. GILLESPIE.
WM. HUGHES.

Witnesses:

W. C. PIPPITT,
D. FORDING.

* Assignors to themselves & Isaac N. Webb of same place.