

A. B. JOHNSON.

Fireplace.

No. 105,806.

Patented July 26, 1870.

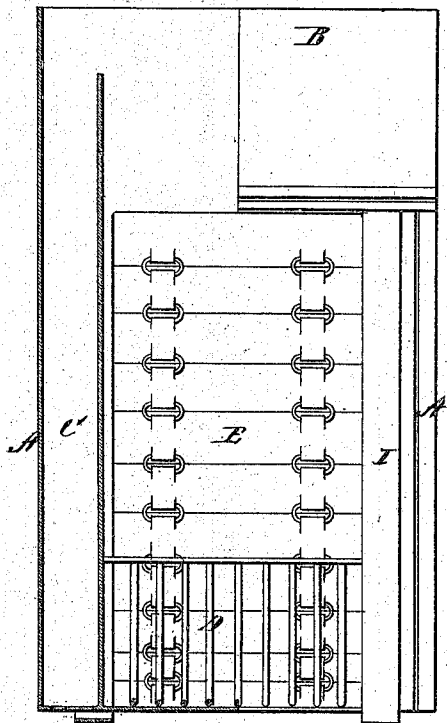


Fig. 1.

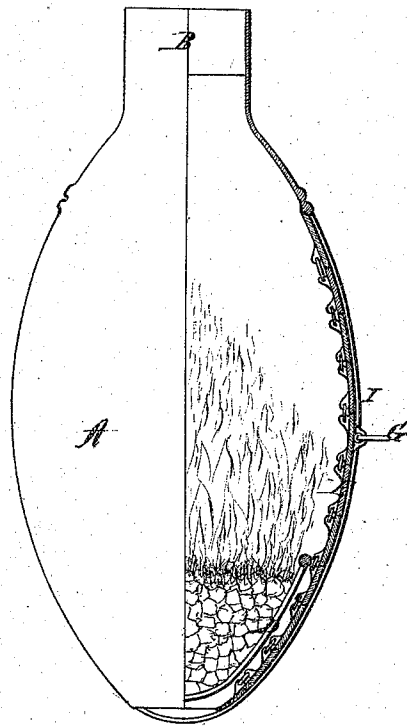


Fig. 2.

Witnesses:

Chas Jacobs

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United States Patent Office.

ANSON B. JOHNSON, OF WASHINGTON, INDIANA.

Letters Patent No. 105,806, dated July 26, 1870.

FIRE-PLACE.

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, ANSON B. JOHNSON, of Washington, in the county of Daviess and State of Indiana, have invented certain new and useful Improvements Double-heating Fire-Place; and I do hereby declare that the following is a full, clear, and exact description thereof; reference being had to the accompanying drawings and to the letters of reference marked thereon which form a part of this specification.

The nature of my invention consists in the construction and arrangement of a "double-heating fire-place," that is, a double grate or basket to heat two adjoining rooms at the same time with one fire, as will be hereinafter fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a front view, part in section; and

Figure 2 is a side view, also part in section.

The flue in which my heater is to be placed, must be built open through from one room to the other, so that the heater may be placed in the center, giving room for a fire-front on each side.

A represents the shell of my heater, the sides, or rather, ends, being made oval, as shown in fig. 2, and the front and rear sides being left open for a suitable height.

The upper end of the shell A forms the neck B, which sits in the flue between the arches.

In each end of the heater is a passage, C, with air-holes in the bottom for the purpose of letting dust, soot, &c., pass up the chimney.

In the bottom of the shell A is placed a semi-circular grate or basket, D.

The shell is open at the bottom, and front and rear sides, as above mentioned, and is provided with grooves

along the sides of this entire opening, in which grooves is placed a sliding door, E.

This door is intended to cover or close one half of this opening, that is, the entire rear and half of the bottom, and it is formed of a series of horizontal bars or plates hinged together, either forming very close joints or overlapping each other.

The door E is, also, provided with a handle, G, so that it can readily be moved to close either side of the heater, and thus turn the fire from one room to the other in a moment, without disturbing the grate.

The door is held in either place by means of a spring, I.

In putting this heater up, there should be made a partition wall of brick for it to rest upon, giving room for the door to pass between said wall and heater.

The same amount of fuel used in common grates will, with this heater, keep two rooms warm at the same time, as it heats through the door E the same as through a stove. And, when desired, to make that room still warmer, the door can be readily shifted in a moment.

Having thus fully described my invention,

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

1. In the construction of flues, building them open through from one room to another, substantially as and for the purposes herein set forth.

2. The double-heating fire-place, herein described, consisting of the shell A, grate D, and sliding door E, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing as my own, I affix my signature in presence of two witnesses.

ANSON B. JOHNSON.

Witnesses:

JOHN T. PALMER,
LINSON JOHNSON.