

T. W. BAIRD.
FIREPLACE.

No. 106,985.

Patented Sept. 6, 1870.

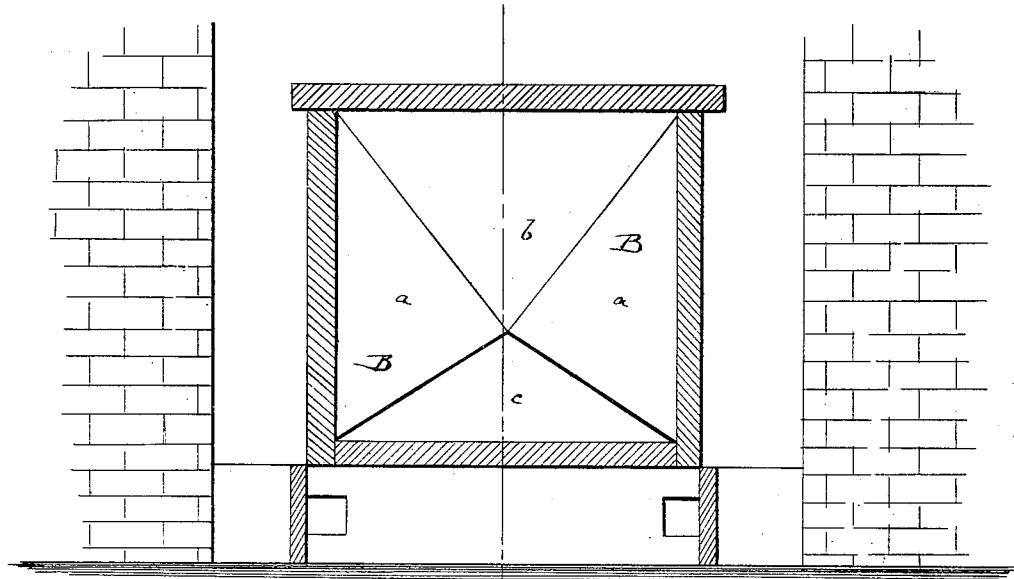
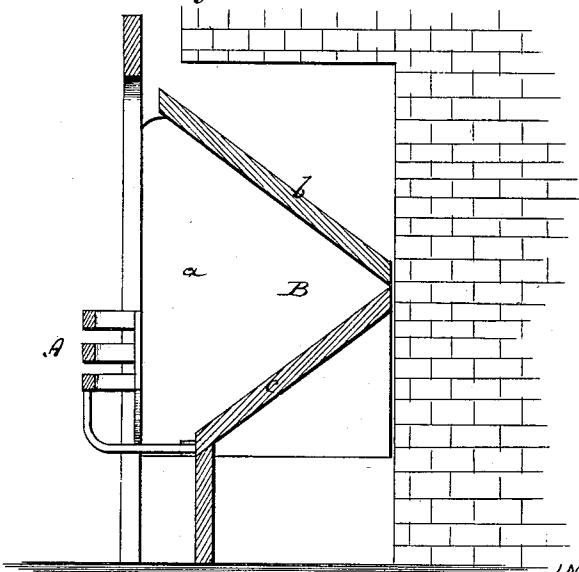


Fig. 2.



WITNESSES.

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THOMAS W. BAIRD, OF BOWLING GREEN, KENTUCKY.

Letters Patent No. 106,985, dated September 6, 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, THOMAS W. BAIRD, of Bowling Green, in the county of Warren and State of Kentucky, have invented a new and useful Improvement in Fire-Places for Grates; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 represents a front view of my improved fire-place.

Figure 2 is a vertical central section of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new fire-place for grates, and has for its object to increase the radiating-surface back of the fire, so as thereby to augment the heating capacity of the same.

The invention consists in causing the sides, top, and bottom of the fire-place to converge to one point, and to thereby form oblique surfaces, from which the rays of heat will be radiated directly into the room,

the cavity in rear of the fire being of pyramidal form.

A in the drawing represents the grate, of suitable construction.

B is the fire-place. Its sides, *a a*, top, *b*, and bottom, *c*, all converge to one point, or nearly so, and form thus oblique surfaces, which will reflect the rays of heat directly into the room.

The lower side *c* is shorter than the others, as shown, to admit the basket-grate.

The angle at which the sides of the fire-place meet, and the number of such sides, may be varied at will.

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

A fire-place constructed of converging planes, substantially as herein shown and described.

THOMAS W. BAIRD.

Witnesses:

WILLIAM L. DULANEY,
J. E. HALSELL.