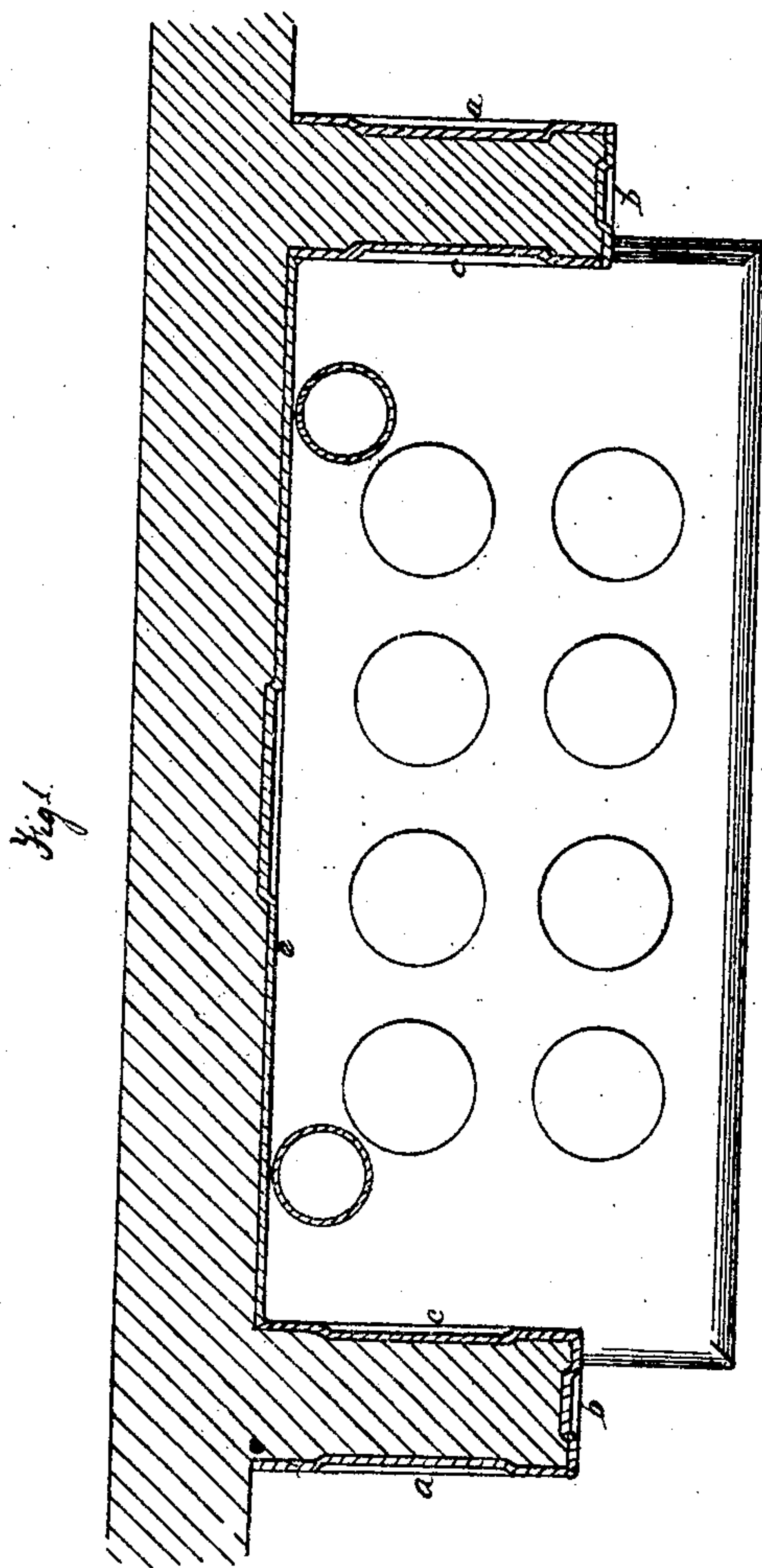
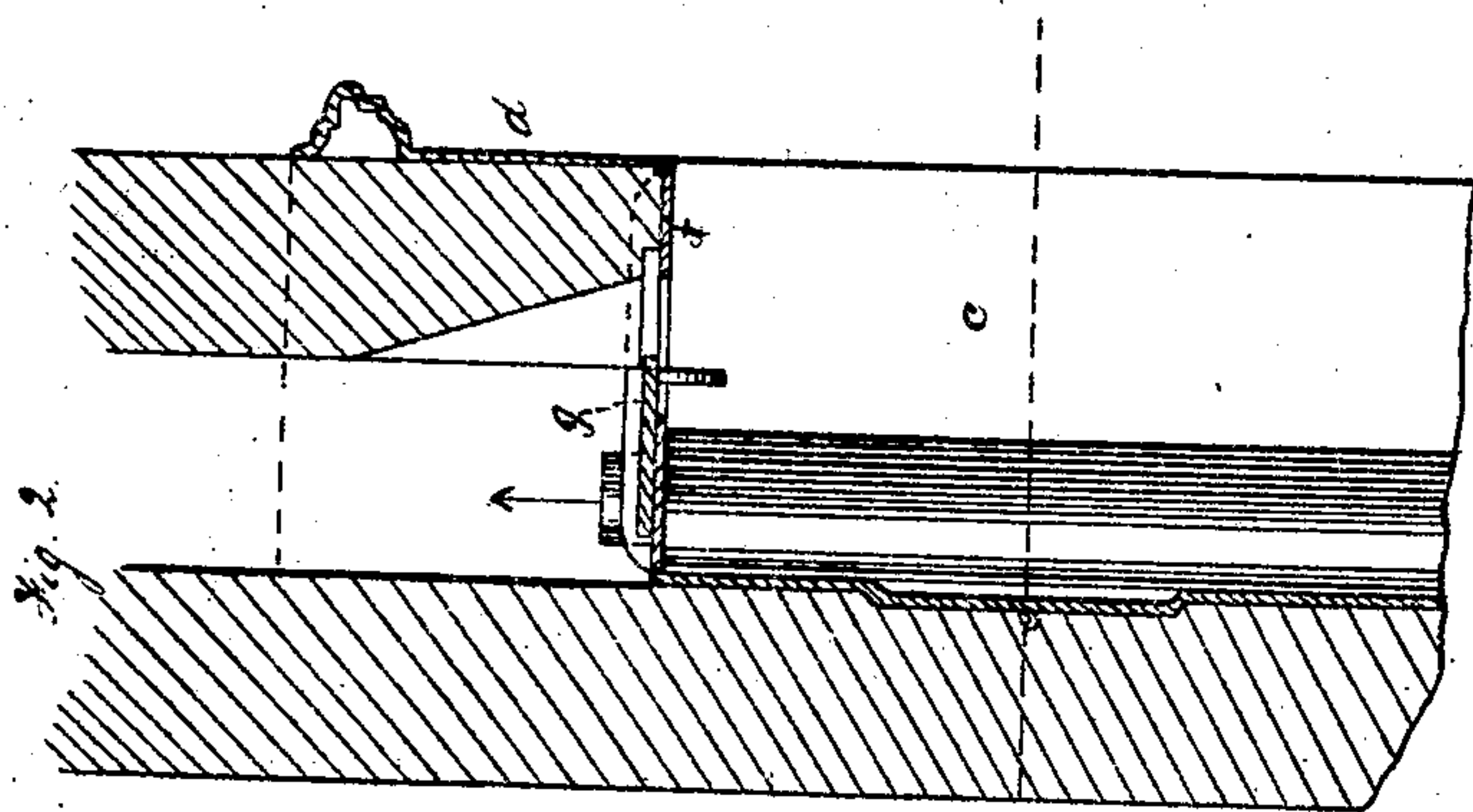


J. Correja.
Fire Frame for Chimneys.
Nº 71708 *Patented Dec. 3, 1867*



Witnesses
Chas. H. Smith,
Geo. T. Pinckney

Inventor.
John Correja

United States Patent Office.

JOHN CORREJA, OF BROOKLYN, NEW YORK.

Letters Patent No. 71,708, dated December 3, 1867.

IMPROVED FIRE-FRAME FOR CHIMNEYS.

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, JOHN CORREJA, of the city of Brooklyn, Kings county, and State of New York, have invented, made, and applied to use a certain new and useful Improvement in Frames for Kitchen-Fireplaces; and I do hereby declare the following to be a full, clear, and exact description of the said invention, reference being had to the annexed drawing, making part of this specification, wherein—

Figure 1 is a sectional plan of the metallic frame, and

Figure 2 is an elevation of the jamb and section of the lintel and throat-piece.

Similar letters denote the same parts.

Heretofore, in building kitchen-fireplaces, particularly in cities, where ranges are generally introduced, it is usual to build up the jambs and back of the fireplace of finished brick, and then place a stone lintel across the fireplace, and then proceed with the ordinary coarse brick-work of the chimney and party-walls. Delay and difficulty are often experienced in getting the finished bricks and proper masons to do this small job of finished brick-work, and when built, the angles are very liable to be injured, either by the setting of the range or by carelessness of workmen in constructing the building, and difficulty is experienced in keeping the fireplace around the range in a clean and tidy condition, corresponding with the rest of the kitchen, because the brick-work and lintel, whether painted or not are, liable to become soiled and damaged in use.

The nature of my said invention consists in hollow metallic jambs formed of cast-metal plates fastened together, and set up in their proper place, and secured by the brick-work built up within said hollow jambs at the same time as the rough party-walls, so as not to require the finished brick-work now usual; and I employ a cast-metal lintel and throat-piece that take the place of the stone lintel and of a sheet-iron stopper or throat-piece usually put up in the chimney, but which is liable to rust out and become loose, and thus lessen the chimney-draught through the range.

In the drawing, *a b c* are the cast-metal plates forming the hollow jamb into which brick-work or mason-work is to be built. These are to be of a more or less ornamental character. *d* is the cast-metal lintel, and *e* is a metallic back plate extending from one plate *c* to the other, and *f* is the throat-plate, with an opening and sliding damper, *g*. Said plate extends between the side plates *c c*, and from the back plate *e* to the lintel *d*.

It will now be understood that the kitchen-fireplace frame formed of the plates aforesaid, is to be put into the proper place on the chimney-piers, and then the chimney built up in and above such frame, and that it is strong, not liable to injury, adapted to the reception of the range, and to being painted or enamelled to correspond in appearance with such range, and not liable to become soiled or injured.

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

The metallic jambs for kitchen-chimneys, formed in the manner and for the purposes set forth; and in combination therewith I claim the metallic lintel, throat-piece, and back plate, as and for the purposes set forth.

In witness whereof, I have hereunto set my signature, this eighth day of August, A. D. 1867.

JOHN CORREJA.

Witnesses:

CHAS. H. SMITH,

GEO. D. WALKER.