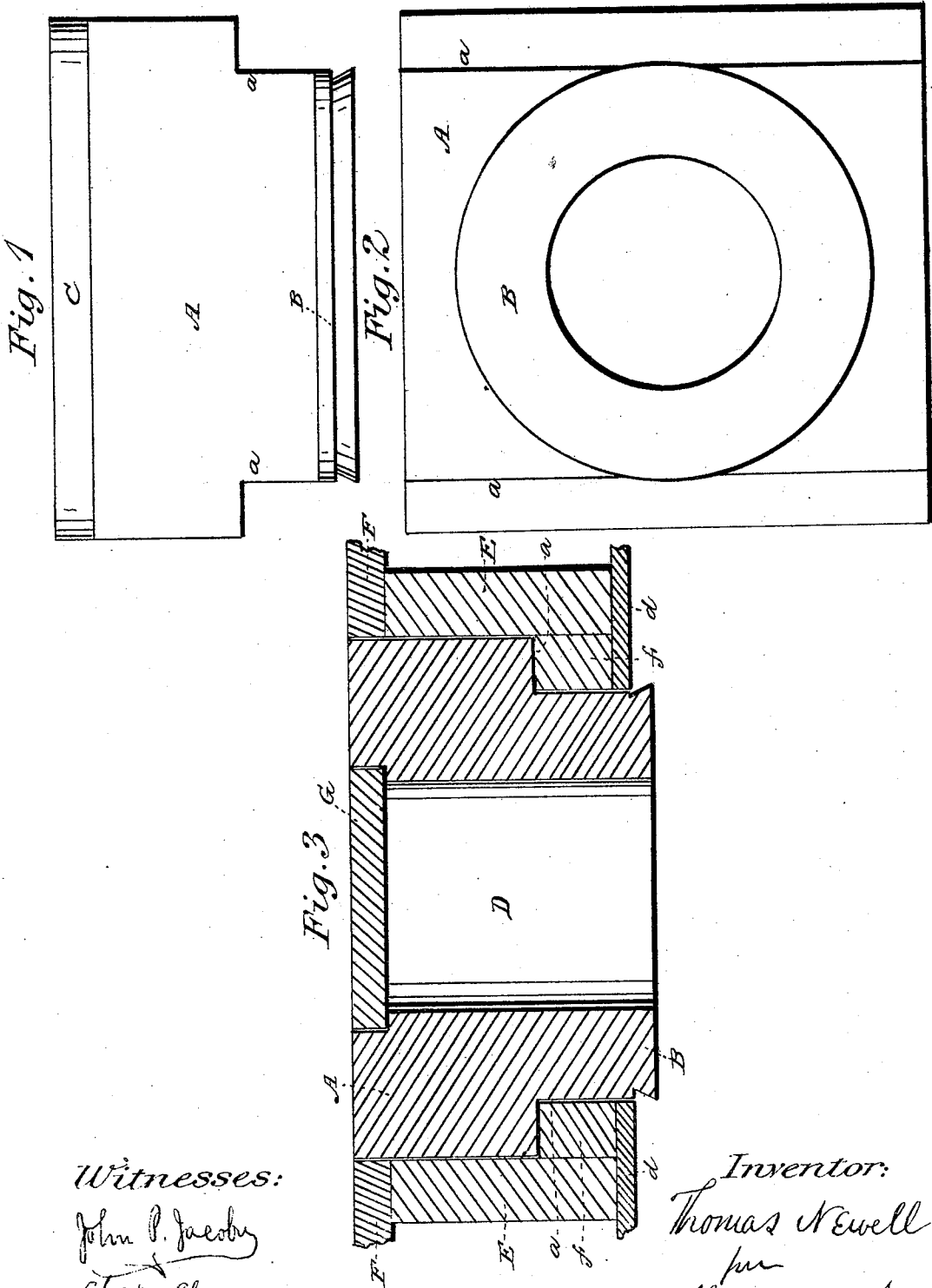


T. NEWELL.
Stovepipe Thimble.

No. 60,777.

Patented Jan. 1, 1867.



Witnesses:
John P. Jacoby
Charles Alexander

Inventor:
Thomas Newell
per
Alexander D. Mast
Atty

United States Patent Office.

THOMAS NEWELL, OF OSKALOOSA, IOWA.

Letters Patent No. 60,777, dated January 1, 1867.

STOVE-PIPE THIMBLE.

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 NEWELL, of Oskaloosa, Mahaska county, Iowa, have invented certain new and useful improvements in "Stove-Pipe Thimbles;" and do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and the letters of reference marked thereon, making a part of this specification.

In the annexed drawings, A represents a quadrilateral-shaped block of stone, having a shoulder made in the same near the lower portion, as seen at *a*. At the bottom of this block of stone is cut a ring, B, of a suitable size and thickness. This ring, B, is an annular dove-tailed groove, so constructed as to receive and secure the plastering, which comes flush against the side and bottom of said ring, and forming a neat finish. Through the centre of said block is made a circular opening, (as seen at D, fig. 3,) to allow the stove pipe, or the products of combustion, to pass through. C represents a ring at the top of the block, and is used only when the thimble is for partitions or floors, but is omitted whenever the flue is built upon the top of the block.

The object of my invention is, constructing a stove-pipe thimble that can be used for floors, partitions, or to build a flue upon it, to prevent the many fires that occur from imperfect chimneys, flues, &c. This thimble is cut of one piece of stone, and is placed between the joists, E, fig. 3, in the floor, and resting upon cleats, *f*, by the shoulders, *a a*. *d* represents the lath, while F is the floor above, with a lid, G, to cover the opening, D, in the summer time, when the thimble is not used. The ordinary sized thimbles are cut about fourteen inches square and eight inches in thickness, and the cleats *f f* being about two inches wide, and there are about two inches extending below the cleats and joist, so that when the lath, *d*, and plastering are added, they are even with the bottom of the thimble, as heretofore described. After the stove thimble is placed between the joists, the brick flue is built directly upon it, so that there is no wood nearer than the joists. By the dimensions before described it will be seen that the thimble is three inches thick every way, and is secure against fires, which is the great object of the device.

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

The quadrilateral-shaped stone A, with two shoulders, *a a*, for resting it upon cleats between the joists, and annular dove-tailed grooved ring B, constructed, as described, of one piece of stone, as and for the purposes set forth.

As evidence that I claim the foregoing, I have hereunto set my hand in the presence of two witnesses.

THOS. NEWELL.

Witnesses:

JOHN F. LACEY,
W. E. SHEPHERD.