

T. NEWELL.  
Stovepipe Thimble.

No. 98,093.

Patented Dec. 21, 1869.

Fig. 1

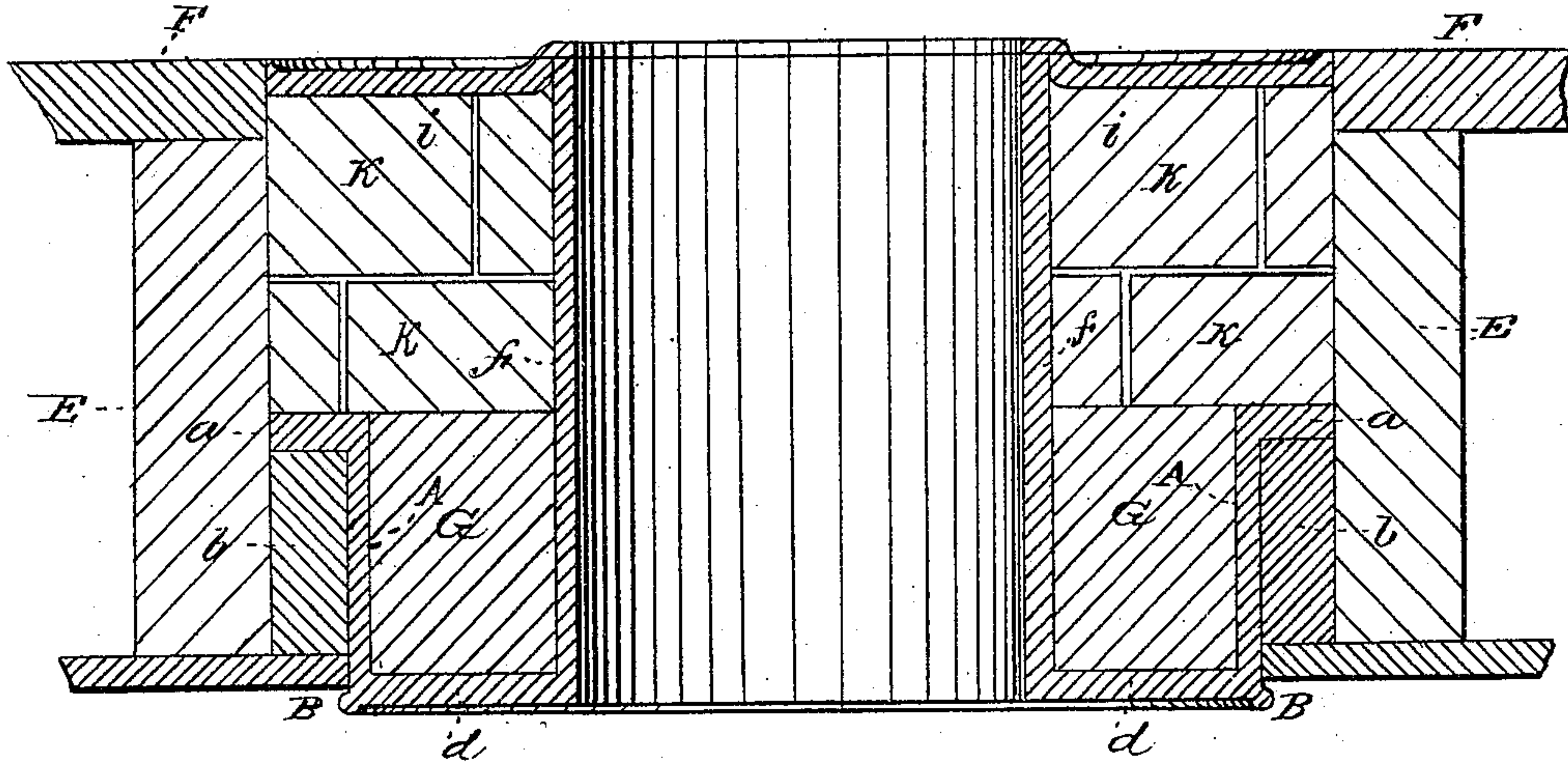
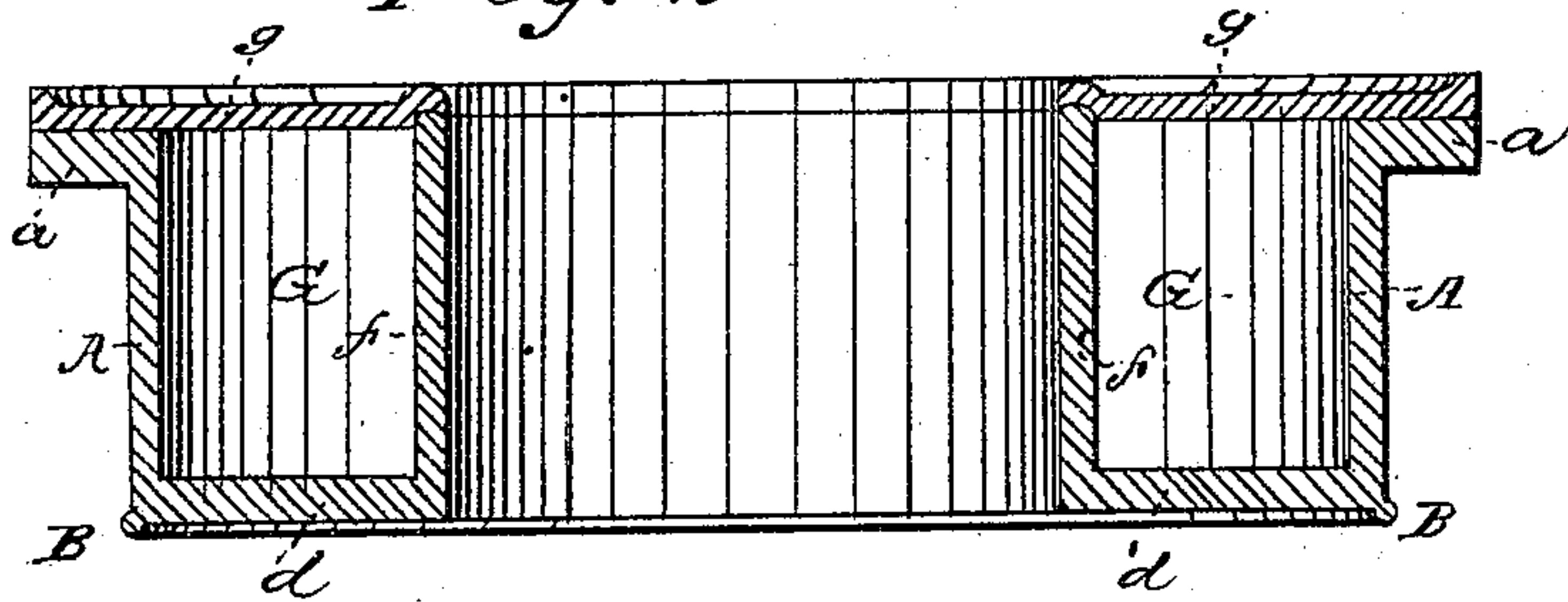


Fig. 2



Witnesses

A. S. Worth

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# United States Patent Office.

THOMAS NEWELL, OF OSKALOOSA, IOWA.

Letters Patent No. 98,093, dated December 21, 1869.

## 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, and State of Iowa, have invented a new and useful "Improvement in Stove-Pipe Thimbles and flue-supporters;" and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, and the letters of reference marked thereon, making a part of this specification, in which—

Figure 2 represents a longitudinal section of my invention, and

Figure 1, a modification of my invention, showing the extension of the pipe *f* to the surface of the floor, and also the way of securing the thimble, and the manner of filling in.

Similar letters of reference indicate like parts in both figures.

The object of my invention is to construct a stove-pipe thimble and flue-support so as to prevent the fires which occur from defective flues; and to this end,

It consists in the employment of an inner and outer tube, with the space between the tubes filled with some non-conducting substance, substantially in the manner hereinafter described.

To enable others to make and use my invention, I will now describe its construction and operation.

In the accompanying drawings—

A represents a cylindrical tube, having a flange-

projection forming a shoulder, as seen at *a a*, and is also formed with a bottom, *d*, to the inner edge of which is the tube *f*.

The tubes A and *f* are cast in one piece, with a sufficient space between them to allow plaster or some non-conducting substance to be placed, as seen at G in fig. 1.

The tube *f* may project far enough to go through the floor, as seen in fig. 1.

At the bottom of the tube A, on the outer edge, is formed solid with the tube a ring, B, which projects far enough to receive the plastering.

*k k* represent brick, filling up the space between the flange *a* and the height of the floor *f*.

*b* represents cleats, secured to the joists E for the flange *a* of the tube A to rest upon.

*g* is a plate, which may be built up with brick.

Having thus described my invention,

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

The tube A provided with flange *a* and ring B, in combination with tube *f*, when the space between the said tubes is filled with some non-conducting substance, and the thimble or flue-supporter is arranged in the manner set forth.

THOMAS NEWELL.

Witnesses:

JOHN F. LACEY,

W. E. SHEPHERD.