

J. P. Gallagher

Store Pipe Thimble Stopper & Register.

71602

PATENTED

DEC. 3 1867

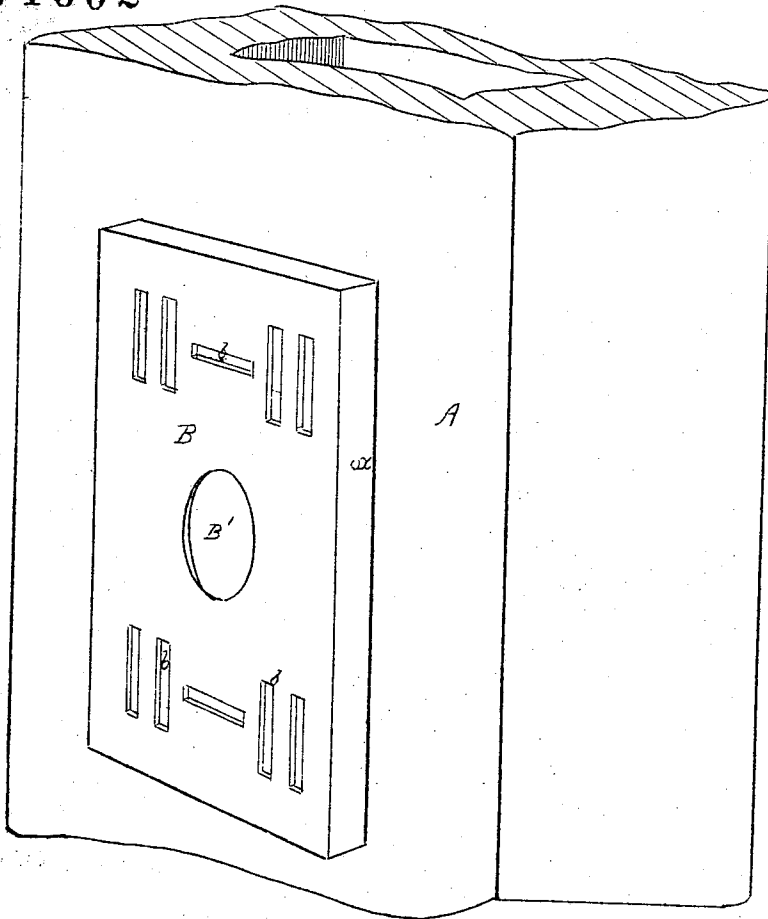


Figure 1.

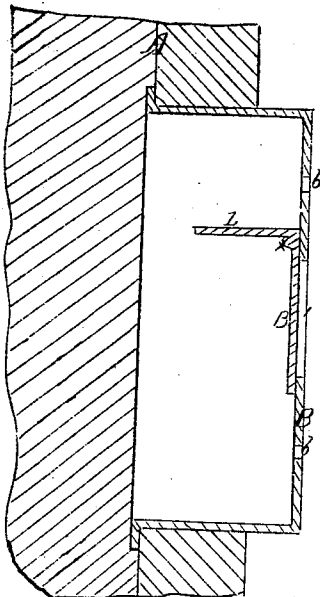


Figure 2.

Witnesses:

E. C. White

Inventor:

Joseph P. Gallagher

J. C. des Granges

# United States Patent Office.

JOSEPH P. GALLAGHER, OF ST. LOUIS, MISSOURI.

*Letters Patent No. 71,602, dated December 3, 1867.*

## IMPROVEMENT IN STOVE-PIPE THIMBLES.

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, JOSEPH P. GALLAGHER, of the city and county of St. Louis, and State of Missouri, have invented a new and useful Improvement in Stove-Pipe Thimbles, Stoppers, and Registers; and I do hereby declare that the following is a full and clear description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

This invention relates to a thimble, provided with a self-acting stopper, so as to close the hole automatically as soon as the stove-pipe shall have been withdrawn therefrom, the said stopper being so arranged as to be opened by the simple act of thrusting the pipe therein. In combination with the thimble there are ventilating registers.

To enable those skilled in the art to make and use my improved thimble, stopper, and register, I will proceed to describe its construction and operation.

Figure 1 of the drawings is a sectional elevation, in perspective, of a chimney, provided with the improved thimble, stopper, and register.

Figure 2 is a sectional elevation of the thimble, stopper, and register, alone.

A is the brick chimney, into which the thimble and register-plate B are to be inserted, as shown in the drawings, the said plate projecting far enough beyond the face of the wall into the room to receive the plastering. In the central part of the plate B a hole is left, of the proper size for the stove-pipe to be inserted. Immediately inside of the plate B is a pendulous stopper-plate B', pivoted to the plate B at x, and so arranged that it may easily be raised out of the way by the simple act of inserting the stove-pipe, lying on top of which it will remain while the stove-pipe is in the thimble, but as soon as the said pipe is withdrawn the stopper-plate will fall by its own gravity, so as to close completely the hole in the thimble. There are ventilating-registers, b, in the face of the plate B, both above and below the stove-pipe hole. Those above the said pipe-hole will be closed when the pipe is in the hole by the upper or L-wing of the plate B, the construction of which is clearly shown in fig. 2. The ventilating-registers below the stove-pipe hole may be left entirely open, or they may be closed by means of a slide (not shown.) When the plate B' is down, so as to close the stove-pipe hole, as it will be in summer when the pipe is withdrawn, the upper registers will be open so as to ventilate the apartment, but when the pipe is in the thimble the upper registers will be closed, as less means of ventilation will be required in winter than in summer.

Having described my invention, what I claim, is—

The thimble-plate B, provided with registers b, in combination with the self-acting stopper-plate B' L, when the latter is arranged so as to be operated substantially in the manner as herein shown and described.

JOSEPH P. GALLAGHER.

Witnesses:

M. RANDOLPH,  
T. E. WHITE.