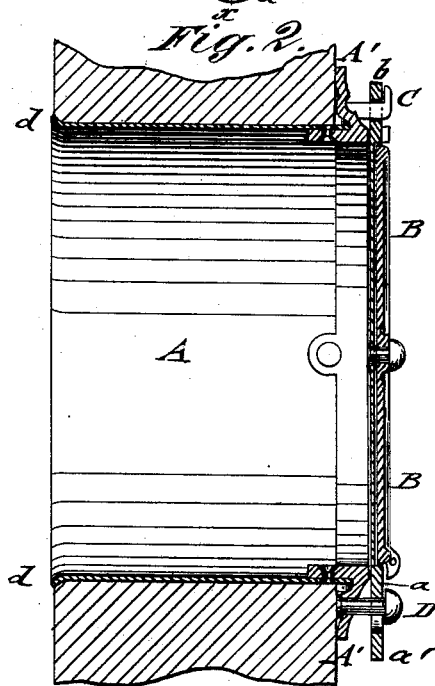
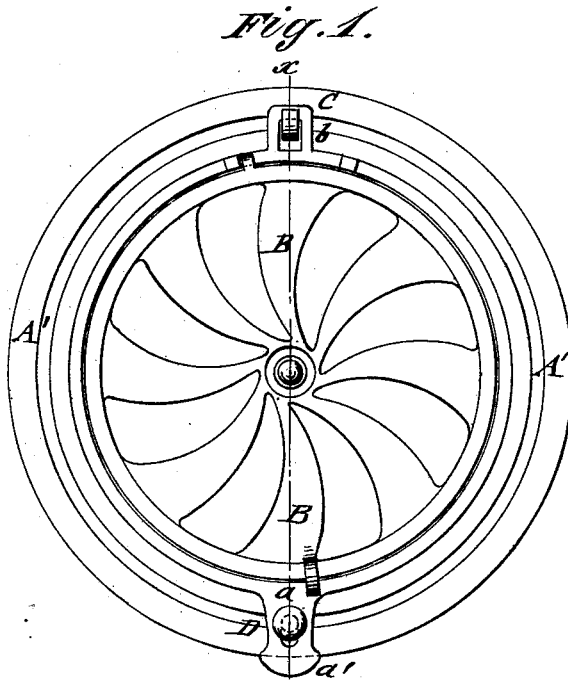


J. CARHARTT.
STOVE-PIPE THIMBLES.

No. 191,567.

Patented June 5, 1877.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JAMES CARHARTT, OF PONTIAC, MICHIGAN.

IMPROVEMENT IN STOVE-PIPE THIMBLES.

Specification forming part of Letters Patent No. 191,567, dated June 5, 1877; application filed April 23, 1877.

To all whom it may concern :

Be it known that I, JAMES CARHARTT, of Pontiac, in the county of Oakland and State of Michigan, have invented a new and Improved Stove-Pipe Thimble, of which the following is a specification :

In the accompanying drawing, Figure 1 represents a front view, and Fig. 2 a vertical longitudinal section on line *x x*, Fig. 1, of my improved stove-pipe thimble.

Similar letters of reference indicate corresponding parts.

The object of this invention is to provide an improved stove-pipe thimble which is securely retained in the wall, readily swung into open or closed position, and so arranged as to firmly retain the stove-pipe in the thimble.

The invention consists of a stove-pipe thimble with swinging cover and ventilator, having cam below pivot, that binds on stove-pipe when inserted. The thimble has an outwardly-bent flange at the inner end, that locks the thimble, in connection with the face ring or molding, rigidly to the wall.

In the drawing, A represents a stove-pipe thimble, of the usual size and sheet metal, to the outer face ring or molding A' of which the cover and ventilator B is applied, being pivoted by a slotted bottom lug, *a*, to a lower pin, D, and locked by a slotted top lug to a top hook, C.

The slotted lug *a* admits the lifting of the cover in vertical direction to the length of the slot, so that the upper slotted lug *b* clears the hook C, for the purpose of swinging the cover sidewise and inserting the stove-pipe.

When the cover is held in position slightly sidewise of the vertical axis, the lug and

cover clear entirely the hole, and admit the ready inserting of the stove-pipe. The cover is then allowed to assume a pendent position, so as to throw a cam, *a'*, at end of lug *a*, to the inside of the circumference of the face-ring, and cause the same to bind tightly on the stove-pipe, retaining the same in firm position in the thimble.

For taking out the stove-pipe, the cover is swung sidewise, so that the cam *a* releases the pipe, which is then taken out and the cover replaced by being locked to the top hook.

The thimble A is provided at the inner end with an outer flange, *d*, that binds on the wall of the chimney, while the face-ring A', which is riveted to the outer end of the thimble, binds on the outer surface of the wall, so as to secure the thimble in rigid position in the stove-pipe hole.

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

1. The combination, in a stove-pipe thimble, of the face ring or molding A', having lower pivot-pin and top locking catch or hook, with the swinging cover and ventilator B, having slotted bottom and top lugs, substantially in the manner and for the purpose described.

2. The swinging cover and ventilator B, having a slotted bottom lug, *a*, with cam-extension *a'*, to bind tightly on stove-pipe when inserted into the thimble, substantially as specified.

JAMES CARHARTT.

Witnesses :

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