

(No Model.)

S. C. HARLAN.
STOVE PIPE THIMBLE, COLLAR, AND COVER.

No. 422,209.

Patented Feb. 25, 1890.

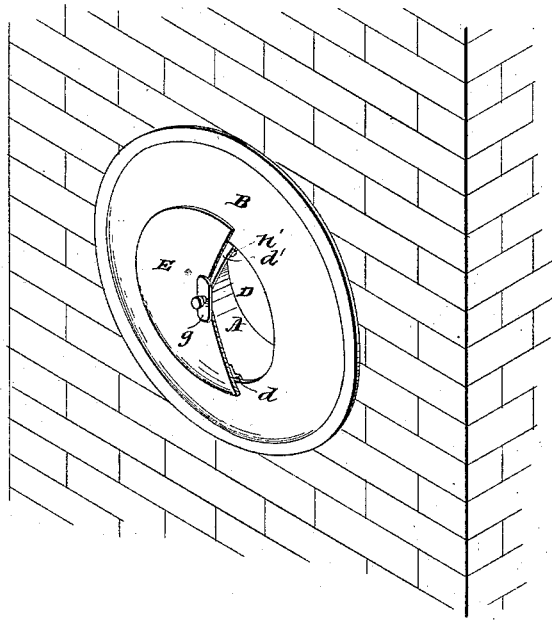


Fig. 1.

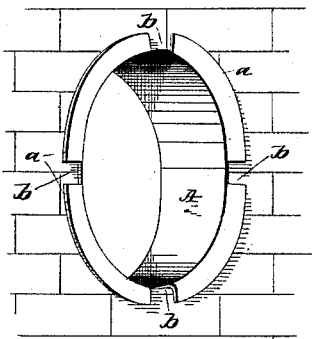


Fig. 2.

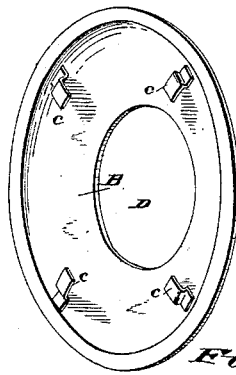


Fig. 3.

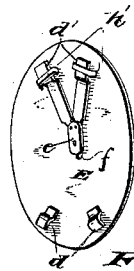


Fig. 4.

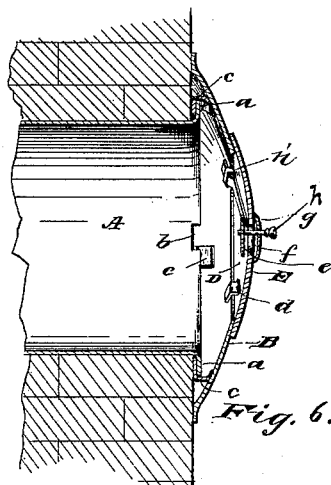


Fig. 6.

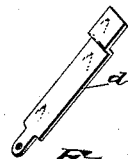


Fig. 5.

WITNESSES:

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SAMUEL C. HARLAN, OF LAKE CITY, MINNESOTA.

STOVE-PIPE THIMBLE, COLLAR, AND COVER.

SPECIFICATION forming part of Letters Patent No. 422,209, dated February 25, 1890.

Application filed June 20, 1889. Serial No. 314,984. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL C. HARLAN, a citizen of the United States, residing at Lake City, in the county of Wabasha and State of Minnesota, have invented certain new and useful Improvements in Stove-Pipe Thimbles, Collars, and Covers; 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, making a part of this specification, and to the letters of reference marked thereon, in which—

Figure 1 is a view showing the collar placed in proper position and a portion of the cover broken away. Fig. 2 is a view showing the thimble placed in proper position to receive the stove-pipe and the collar. Fig. 3 is an under side view of the collar, showing the location of its retaining-lugs. Fig. 4 is an under side view of the cover, showing its retaining-lugs. Fig. 5 is a detached view of one of the movable lugs. Fig. 6 is a sectional view showing the location of the different parts when the chimney-flue is closed.

The present invention has relation to stove-pipe thimbles, collars, and covers; and it consists in the different parts and combination of parts hereinafter described, and particularly pointed out in the claims.

Similar letters of reference indicate corresponding parts in all of the figures of the drawings.

In the accompanying drawings, A represents the thimble, which is securely attached to the chimney-aperture and is provided with the flange *a*, which flange extends a short distance beyond the edge of the chimney or its covering. This flange *a* is provided with the notches or recesses *b*, which are for the purpose of permitting the lugs *c* to be passed between the flange *a* and the chimney.

In use the lugs *c* are passed through the notches or recesses *b* and the collar B turned to the right or left, thereby bringing the lugs *c* behind or back of the flange *a*, which securely holds said collar in proper position.

The collar B is provided with the aperture D, which is for the purpose of receiving the stove-pipe. For the purpose of closing the

chimney-aperture when the stove-pipe is removed, the cover E is provided. This cover is formed somewhat larger in diameter than the diameter of the aperture D, and is so formed for the purpose of lapping over the collar B. This cover is provided with the stationary or fixed lugs *d*, which are for the purpose of engaging the collar B, as illustrated in Fig. 6. The cover E is also provided with the movable catches *d'*, which catches are substantially of the form shown in the drawings. The inner ends of the catches *d'* are attached to the shank *e*. This shank *e* may be formed integral with the catches *d'*; or, if desired, said shank may be formed separate and attached in any well-known manner to the catches *d'*.

The cover E is provided with the elongated slot *f*, which is for the purpose of permitting the knob-shank passing through said cover to engage the shank *e*, and at the same time permitting the knob to be moved back and forth, which carries with it, by means of its shank and the shank *e*, the catches *d'*.

In use, when it is desired to attach the cover E, the catches *d'* are drawn inward, at which time the fixed lugs *d* are passed under the collar B, when said cover is firmly seated against the collar and the catches *d'* extended under the collar, thereby securely holding the cover in proper position.

For the purpose of covering the elongated slot *f*, the slide *g* is provided, which slide is securely attached to the shank of the knob *h*. The slide *g* is formed large enough to cover the elongated slot *f* at all times.

For the purpose of preventing the catches *d'* from becoming displaced, the staples *h'* are provided, which are attached to the cover E in any convenient and well-known manner. These staples *h'* also act as a stay to prevent the cover from slipping past the aperture D.

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

1. The combination of the thimble A, provided with the flange *a*, having the notches *b*, the collar B, provided with the lugs *c*, the

cover E, provided with the fixed lugs *d*, and the catches *d'* and the knob *h*, substantially as and for the purpose set forth.

2. The combination of thimble adapted to
5 receive and hold a collar, the cover E, provided with lugs *d* and the catches *d'*, the elongated slot *f*, the knob *h*, and the slide *g*, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

SAMUEL C. HARLAN.

Witnesses:

E. A. C. SMITH,
F. W. BOND.