

W. L. RYDMAN.

Stove-Pipe Collar and Stopper.

No. 132,738.

Patented Nov. 5, 1872.

Fig. 1.

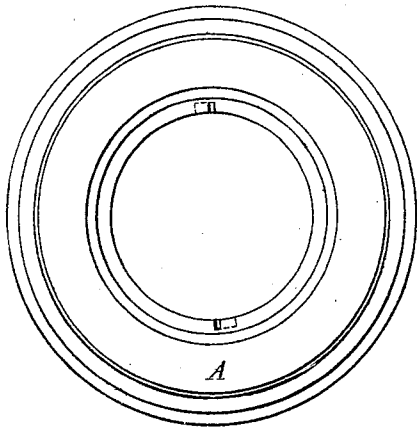


Fig. 2.

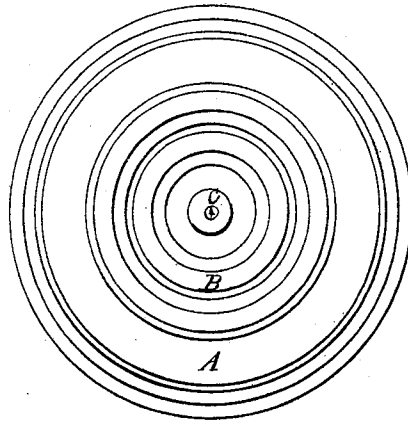


Fig. 3.

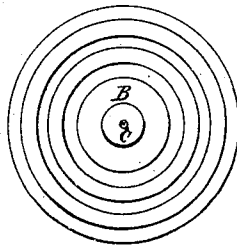


Fig. 4.

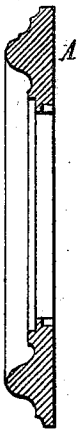


Fig. 6.

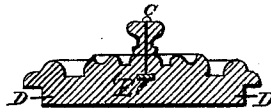


Fig. 7.

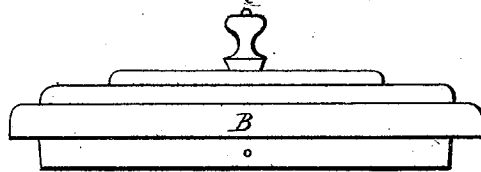


Fig. 8.

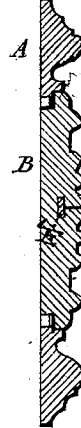
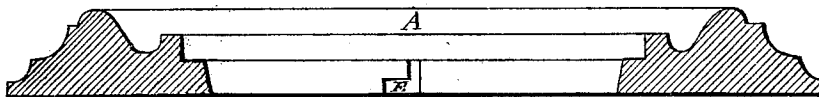


Fig. 5.

Witnesses:

J. M. Huston
J. D. Baldwin

Inventor:

William L. Rydman

UNITED STATES PATENT OFFICE.

WILLIAM L. RYDMAN, OF TOLEDO, OHIO, ASSIGNOR OF ONE-HALF HIS
RIGHT TO JAMES M. BROWN, OF SAME PLACE.

IMPROVEMENT IN STOVE-PIPE COLLARS AND STOPPERS.

Specification forming part of Letters Patent No. 132,738, dated November 5, 1872.

To all whom it may concern:

Be it known that I, WILLIAM L. RYDMAN, of Toledo, Lucas county, Ohio, have invented an improvement in collars around stove-pipes at the flues and stoppers for stove-pipe thimbles, of which the following is a specification:

The first part of my invention consists in the use of plaster of Paris as a material for the collar, and in permanently fastening the collar to the wall around the mouth of the thimble, and through which collar the stove-pipe passes into the thimble. The second part of the invention consists in the use of a plaster of Paris stopper, made to fit closely with the inner rim of the collar, and, by means of a lock herein-after described, remains in position, completely closing the thimble. When the pipe is not in use the stopper can be taken out or put in, at pleasure. Both the collar and the stopper can be and are so made that, whether used jointly or separately, they cover the thimble-hole and make an ornament to the wall.

Both the collar and the stopper are made of plaster of Paris, and hence not affected by the heat and fire of the pipe, thimble, or flue, and, when soiled, easily cleaned.

Figure 1 is a front view of the collar alone around the thimble-hole on the wall. Fig. 2 is a front view of both collar and stopper in position on the wall. Fig. 3 is a front view of the stopper alone in position on the wall. Fig. 4 is a vertical section of the collar through the lock that fastens the stopper and holds it in position. Fig. 5 is a vertical section of both collar and stopper through the lock when both are in position. Fig. 6 is a vertical section of the stopper alone through the lock and through the knob or handle. Fig. 7 is a side view of the stopper alone. Fig. 8 is the same as Fig. 4, but on a scale twice as large.

The collar can be made lighter or heavier

and larger or smaller to meet the different sizes of pipe, and the stopper to correspond with the weight of the collar.

The outer surface of both collar and stopper may be varied to produce an ornamental appearance suited to the taste.

The stopper fits into the collar and rests upon the collar, and is fastened while in position by means of two iron pins set in the lower edge of the stopper, which drop through corresponding slots in the inner edge of the collar, and the stopper then turned to the right so as to move the pins into rabbets cut on the under side of the inner edge of collar, as appears in the drawing, which rabbets and slots are faced with tin, fastened firmly in the collar. The stopper is handled by a knob, letter C, Figs. 2, 3, 5, 6, and 7, of porcelain or other material, fastened by a screw reaching through the knob and into a small block of wood, which is located in the stopper and kept there by the plaster of Paris which surrounds it, as shown in Figs. 5 and 6, letter E'.

The collar is fastened to the wall, after it has been made and become dry, by plaster of Paris, which soon dries and becomes hard, firmly holding the collar to its place.

Glue or other sticking material may likewise be used to fasten the collar to the wall.

I claim as my invention—

The ring or collar around the mouth of the stove-pipe hole and the stopper for the stove-pipe hole, both of plaster of Paris, in combination, as appears in Fig. 5, and constructed and applied substantially as and for the purpose set forth.

WILLIAM L. RYDMAN.

Attest:

JAMES M. HUNTON,
A. D. BALDWIN.