

(No Model.)

F. J. KARLESKIND.

STOVE PIPE THIMBLE AND FLUE STOPPER.

No. 302,261.

Patented July 22, 1884.

Fig. 1.

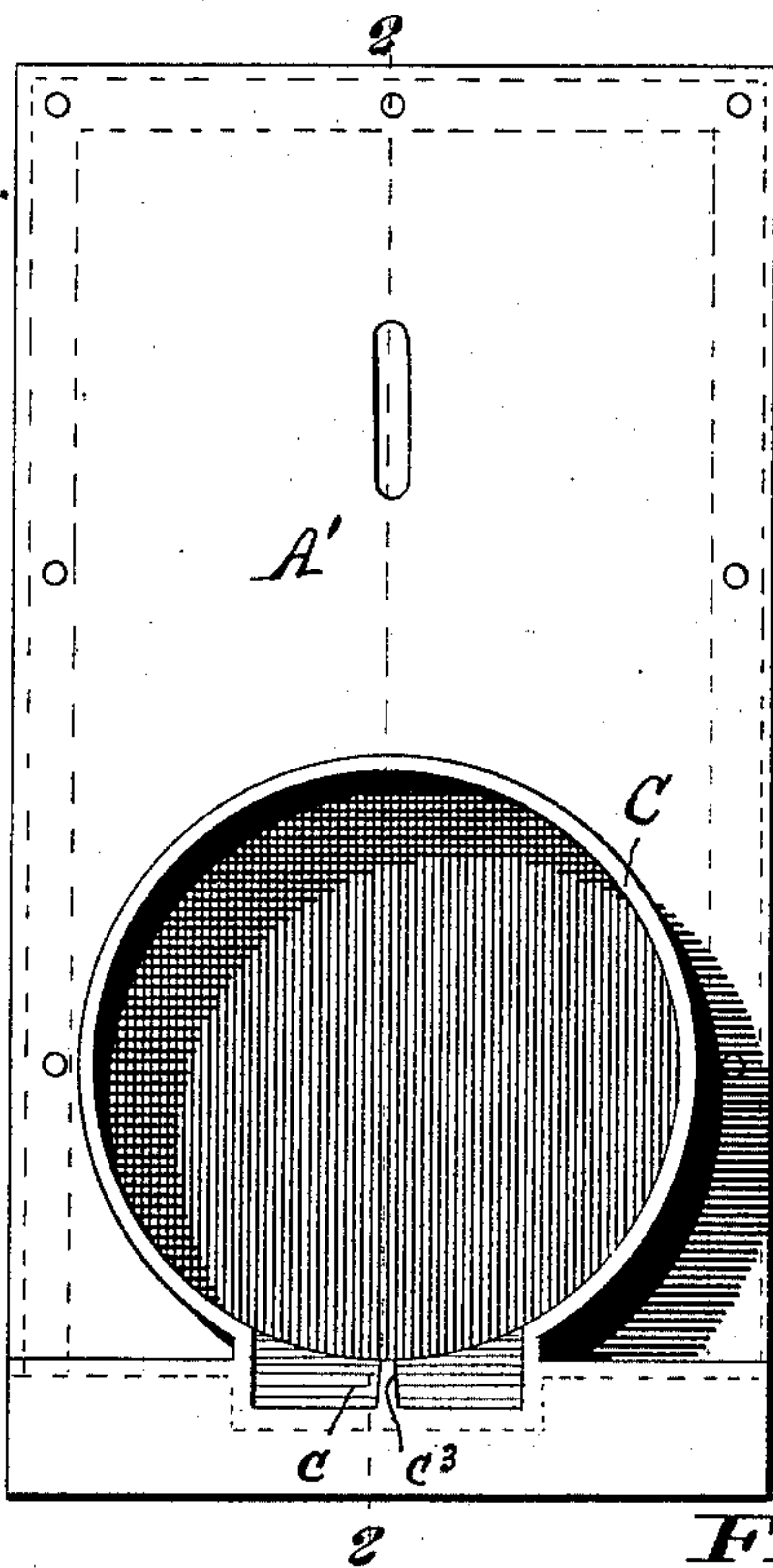


Fig. 2.

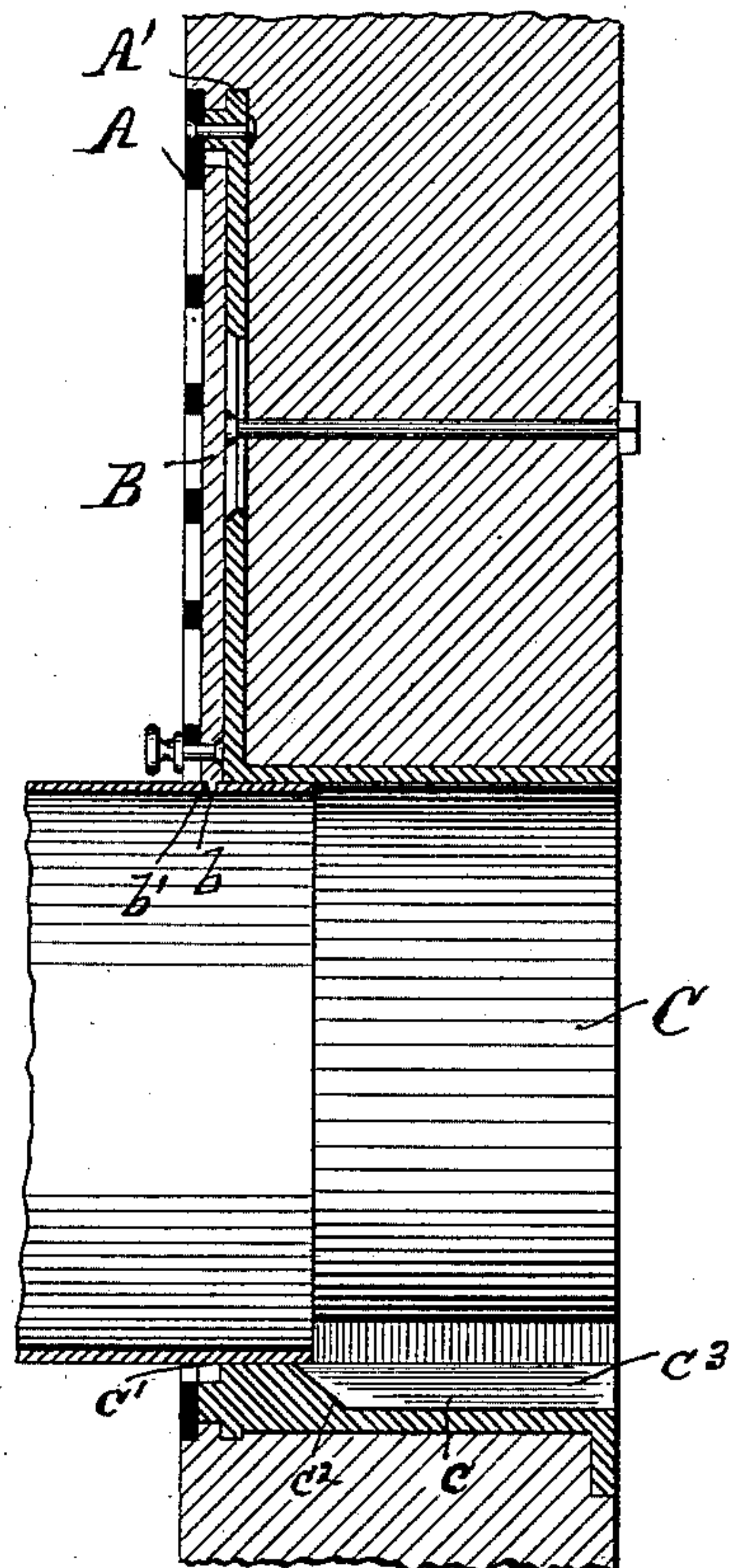
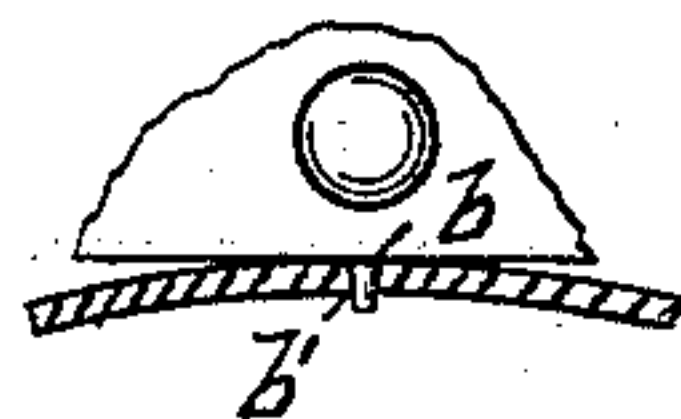


Fig. 3.



Attest:

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FRANK J. KARLESKIND, OF ST. LOUIS, MISSOURI.

STOVE-PIPE THIMBLE AND FLUE-STOPPER.

SPECIFICATION forming part of Letters Patent No. 302,261, dated July 22, 1884.

Application filed November 5, 1883. (No model.)

To all whom it may concern:

Be it known that I, FRANK J. KARLESKIND, a citizen of the United States, residing at St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Stove-Pipe Thimbles and Flue-Stoppers, of which the following is a specification.

This invention is an improvement in some particulars of the stove-pipe thimble and flue-stopper for which Letters Patent were granted me in the United States May 1, 1883, No. 276,597.

My present invention relates, first, in casting or providing the thimble proper—viz., the metal sleeve that fits snugly in the chimney-flue—with a trough or chamber, by means whereof the drippings of water, soot, and other impurities in the flue can be kept back and retained below the section of the stove-pipe inserted in said thimble, thus preventing the said impurities from having egress into the room, disfiguring the walls of the same, &c.

My invention relates, secondly, to the projection, stud, or lug on the flue-stopper fitted to engage an opening in the stove-pipe, preventing it from moving in or out of the flue, or having "play." This does not prevent the stove-pipe from being properly seated in the thimble and connected with the chimney-flue.

I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a rear elevation of the stove-pipe thimble and its rear plate. Fig. 2 is a central sectional elevation of the stove-pipe thimble and the front and rear plates with stopper between, as the said parts appear when attached to the wall and chimney-flue; and Fig. 3 is a sectional view showing a detail of the stopper, pin, and pipe.

A A' are the front and rear plates constituting the frame or housing in which the self-closing stopper B operates, the said named parts being the same as shown and described in my patent above referred to.

C is the thimble or metal sleeve that fits snugly in the chimney-flue. It is this thimble, which heretofore consisted only of an open

cylindrical sleeve, that I have cast or provided with a trough or chamber, *c*, to catch the drippings of water, soot, &c., and prevent same from getting between the joint of the stove-pipe and thimble. The trough *c* is shown (see Figs. 1 and 2) as forming part of and being at the bottom of the sleeve or thimble C, the bottom trough extending below the plane or bearing at *c'*, upon which the stove-pipe rests when inserted in said thimble.

More specifically stated, the trough consists of two opposite sides, a bottom and front face, all projecting or cast below the true circumference of the metal sleeve or thimble, as indicated in Figs. 1 and 2. The front face, *c''*, of the trough is beveled or made slanting, (see Fig. 2,) for the better extraction or removal of the deposits out of the trough and front of the thimble when the stove-pipe is removed. The trough also has a central rib, *c'''*, extending longitudinally the length of the trough, to better accommodate and form a support for the stove-pipe, according to the distance the same is seated in the thimble or made to enter the flue. The trough or chamber *c* prevents the drippings of water or fluid impurities from leaking into the room or trickling down the wall thereof, and in great measure serves as a receptacle in which said impurities can be prevented from reaching and passing out between the joint of the parts.

The stopper B, as shown in Figs. 2, 3, has a projection or pin, *b*, and a corresponding opening, *b'*, is made in the stove-pipe, when same has been properly measured or fitted in its place in the thimble or flue. The engagement of the pin *b* in the opening *b'* of the stove-pipe prevents the latter from play and keeps it steadily supported.

What I claim is—

1. In a stove-pipe thimble and flue-stopper, the combination of the stopper B, having pin *b*, and the stove-pipe having opening *b'*, substantially as and for the purposes set forth.

2. The stove-pipe thimble having the cylindrical pipe-section and a thickened bottom provided with an open-ended trough, substantially as and for the purposes set forth.

3. The combination of the thimble C, having the cylindrical pipe-section and thickened bottom at c' , provided with an open-ended trough, c , with beveled face at c^2 , central rib, c^3 , and stove-pipe, by means whereof the latter can be supported and the drippings in the flue can be kept below the same, substantially as set forth.

In testimony of said invention I have hereunto set my hand.

FRANK J. KARLESKIND.

Witnesses:

J. L. HORNSBY,
SERVAIS SONDAG.