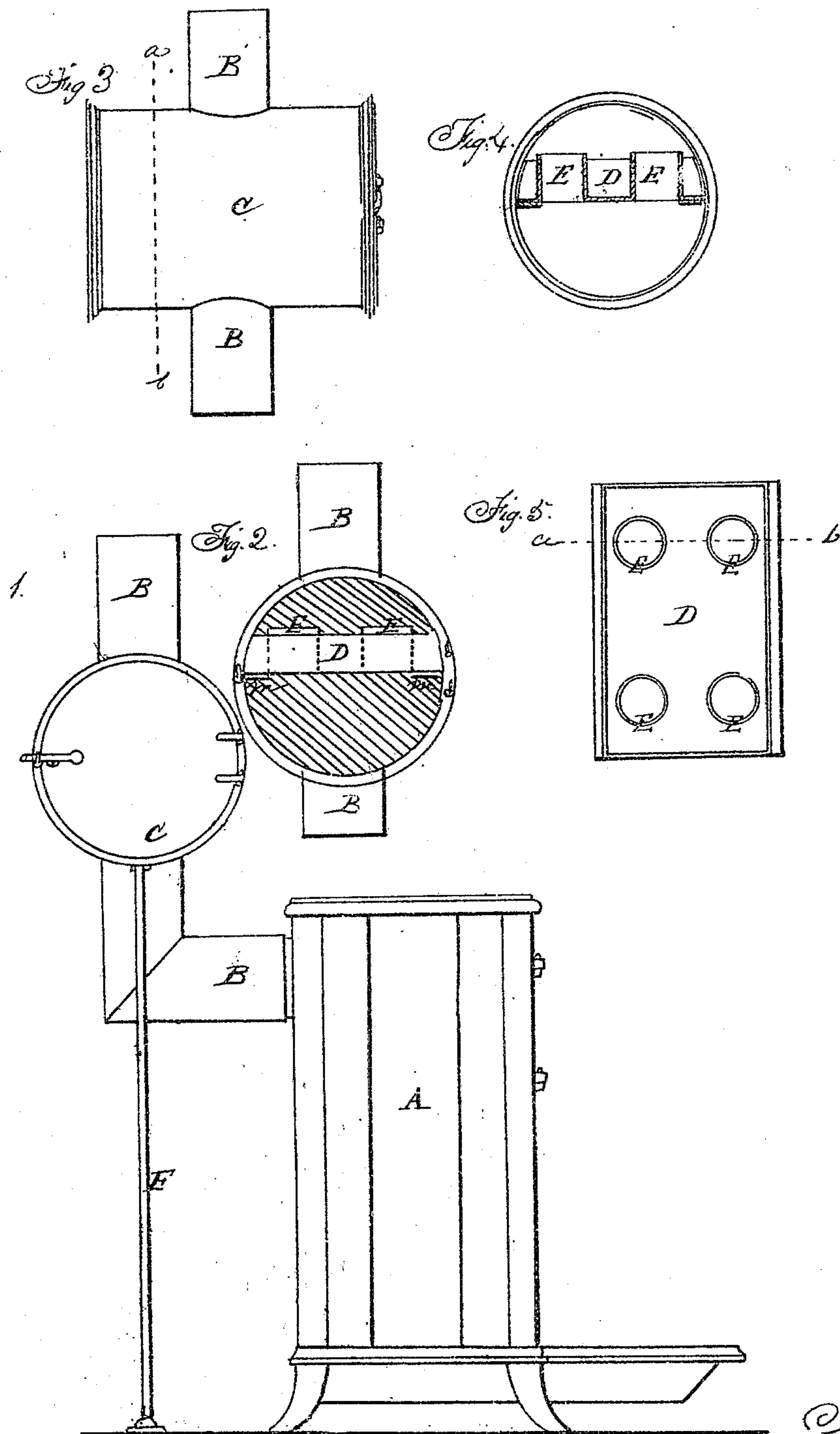


E. Selbach.

Store-Drum.

Nº 75472

Patented Mar. 10, 1868



of Trans

Inventor
Emanuel Selbach Ino. in.
By A. H. Evans
his Att.

United States Patent Office.

EMEL SELBACH, OF COLUMBUS, OHIO.

Letters Patent No. 75,472, dated March 10, 1868.

IMPROVEMENT IN STOVE-DRUMS.

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, EMEL SELBACH, of Columbus, Ohio, have invented a new and improved Stove-Drum; 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.

The nature of my invention consists in providing a stove-drum with steam, which, by dampening the soot, will prevent its accumulation in the pipes.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Figure I represents the drum C as placed on the stove A.

Figure II represents the open end of the drum.

Figure III represents a front view of the drum.

Figure IV, a sectional view of the same.

Figure V represents the pan inserted in the drum.

The drum C is constructed with a door at one end, as shown by Fig. I, resting upon rod F. Running through the drum lengthwise I secure two metal slats, *m m*, upon which slides the pan D, as shown in Fig. II. This pan is constructed with four openings, more or less, (Fig. V,) through which the smoke passes. These openings E E are enclosed in short pipes leading above the top of the pan, as shown in F E, Figs. II and IV. As the smoke reaches the drum through the supply-pipe B it passes through the openings in the pan D, and thence upward through the pipe B'. The pan D being filled with water, a steam is generated, which fills the drum and dampens the soot, which prevents its sticking and accumulating in the stove-pipes, and thus avoids foul pipes and chimneys, besides adding much to the quantity and healthy character of the heat thrown off into the room.

What I claim as my invention, and desire to secure by Letters Patent, is—

The pan D, in combination with the drum C, operating and arranged substantially as and for the purpose set forth.

EMEL SELBACH.

Witnesses:

THOS. E. TAYLOR,

SAML. GULICK.