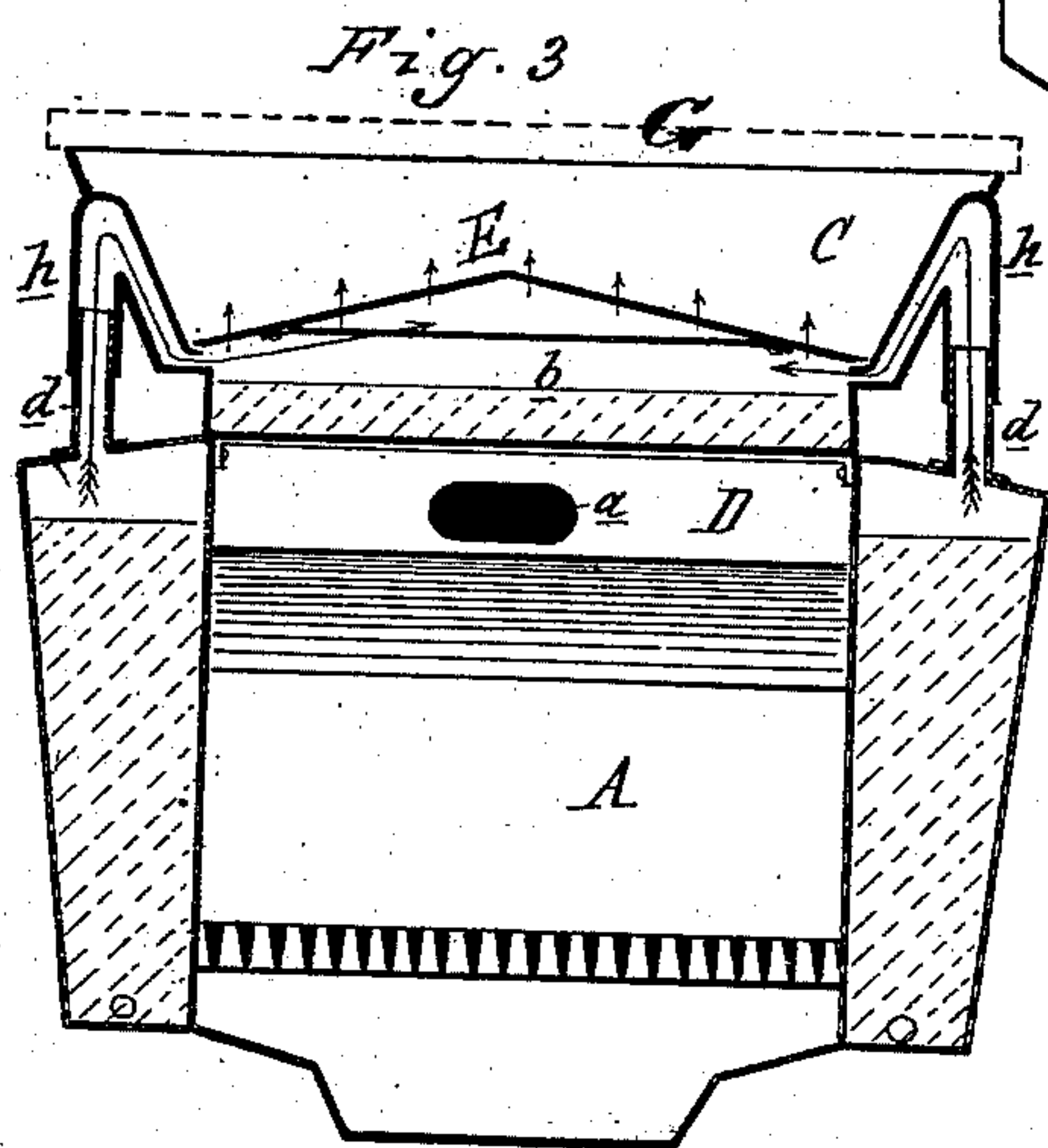
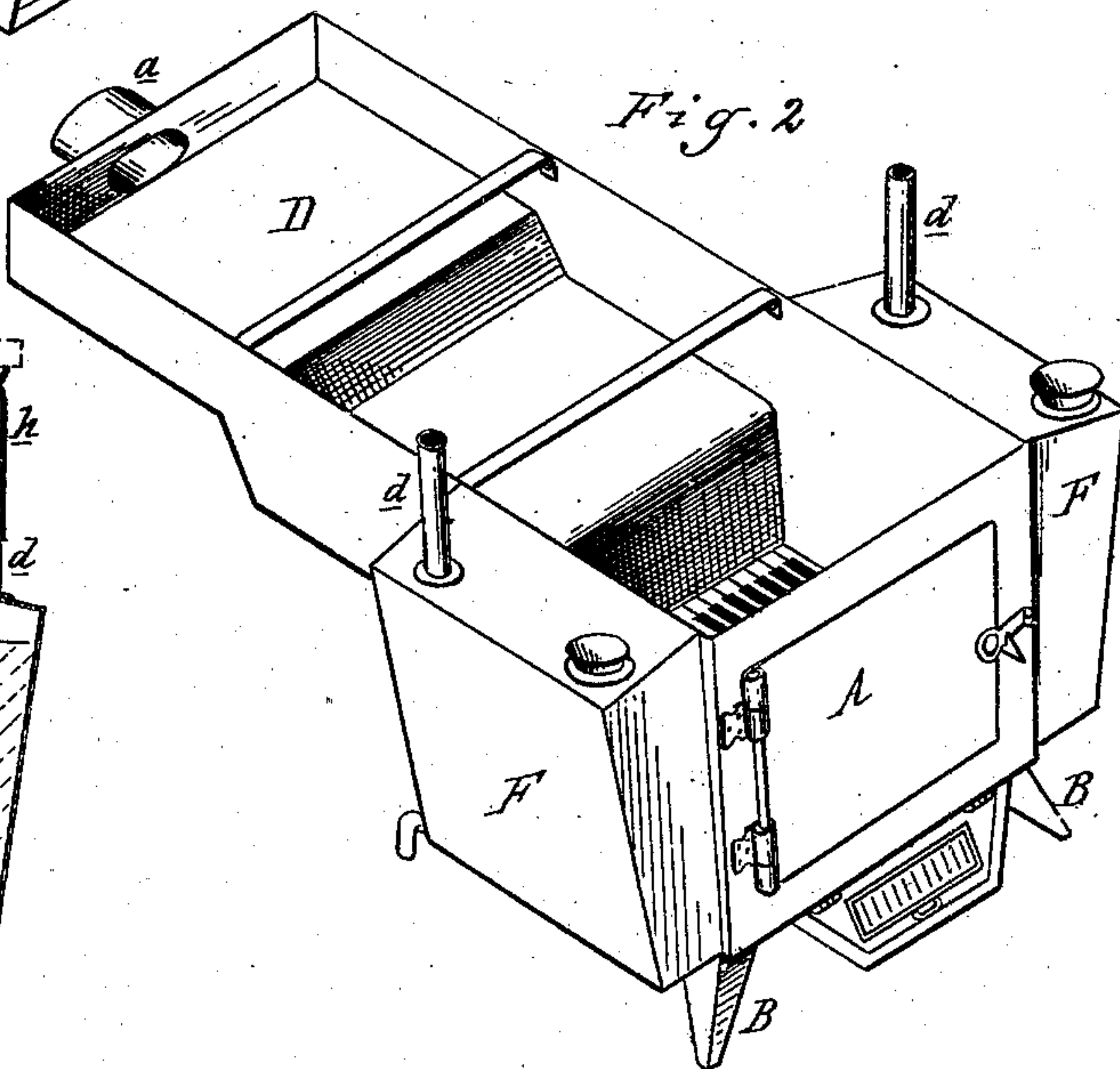
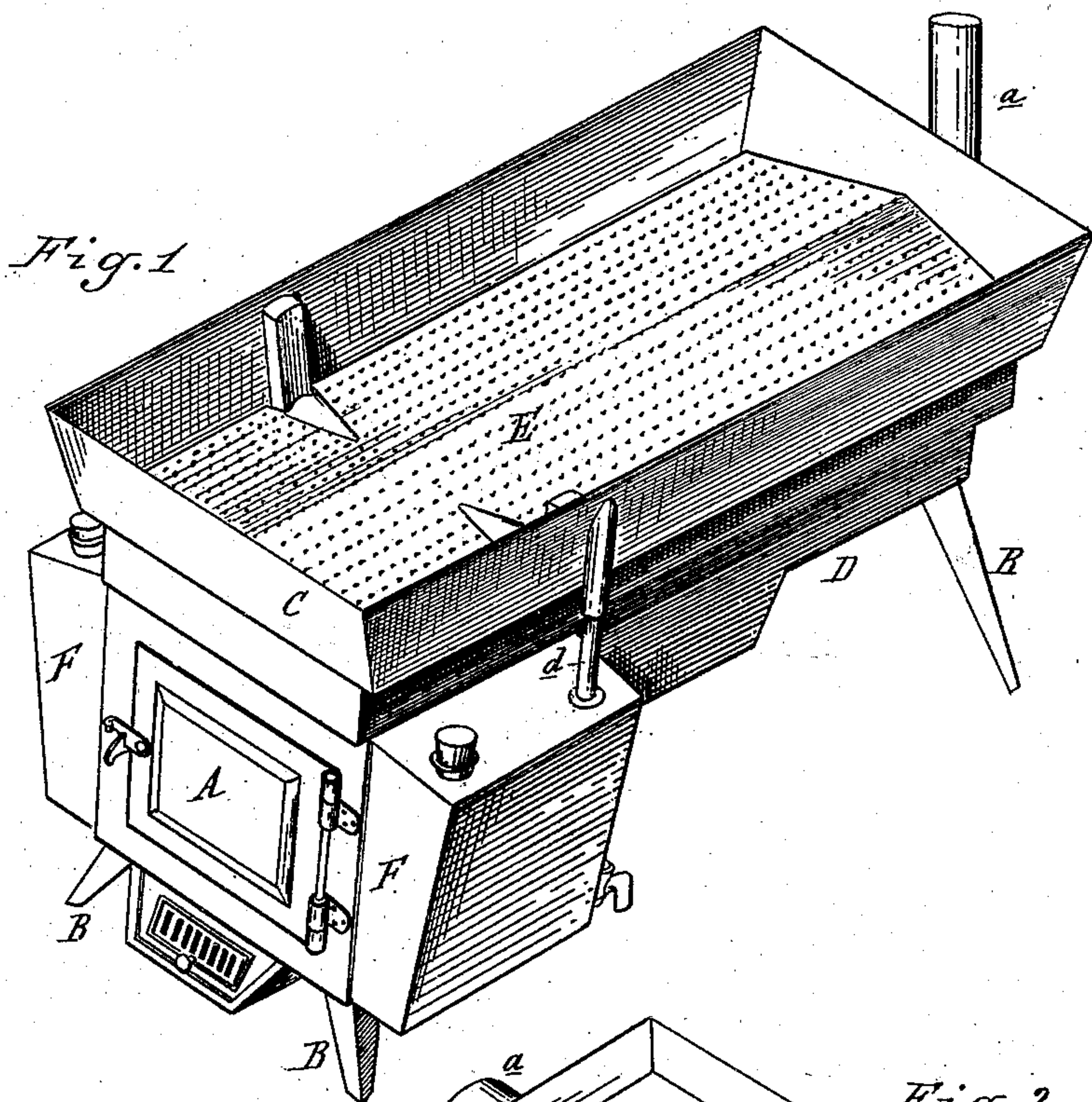


(Model.)

M. GARMIRE.  
Feed-Steamer.

No. 227,973.

Patented May 25, 1880.



Attest:  
A. Barthel  
Charles J. Hunt

Inventor:  
M. Garmire  
By Atty  
Thos. J. Maguire



# UNITED STATES PATENT OFFICE.

MONROE GARMIRE, OF THREE RIVERS, ASSIGNOR OF TWO-THIRDS OF HIS  
RIGHT TO D. GERBER & SONS, OF FREMONT, MICHIGAN.

## FEED-STEAMER.

SPECIFICATION forming part of Letters Patent No. 227,973, dated May 25, 1880.

Application filed March 3, 1880. (Model.)

*To all whom it may concern:*

Be it known that I, MONROE GARMIRE, of Three Rivers, in the county of St. Joseph and State of Michigan, have invented an Improvement in Feed-Steaming, of which the following is a specification.

The nature of this invention relates to certain new and useful improvements in the construction of devices particularly designed for steaming feed; and the invention consists in the peculiar construction, arrangement, and combinations of the various parts, all as more fully hereinafter set forth.

Figure 1 is a perspective view. Fig. 2 is a similar view with the steaming-pan removed. Fig. 3 is a cross-section through the water-reservoirs, furnace, and steaming-pan.

In the accompanying drawings, which form a part of this specification, A represents a suitable furnace, provided with the rearward extension, D, and mounted upon the legs B, the top of the furnace and its extension being open, as shown in Fig. 2.

C represents a steaming-pan, which fits closely upon the top of the furnace, and with the rearward extension thereof forms a flue-space, D, for the passage of smoke and gases to the exit *a* at the rear. This steaming-pan C is provided with a perforated convex false bottom, E, and with a proper cover, G, while in the bottom of the chamber or pan is formed a well, *b*.

F represents water-reservoirs secured to the sides of the furnace, and which are provided with pipes *d*, which connect with pipes *h* in the steaming-pan, said pipes *h* leading or discharging into the said pan below the false bottom E.

In practice the reservoirs and the well are partially filled with water, and the material to be steamed is placed within the pan and covered up. A fire then being made in the furnace heats the water in the reservoirs and the well and generates steam, which passes up through the perforated bottom and the material upon it, thoroughly and evenly cooking or steaming the same.

The reservoirs and pan should be provided with suitable cocks, through which their contents could be drawn off when desired.

What I claim as my invention is—

In a feed-steamer, and in combination with the furnace A, provided with the rearward extension, D, and the reservoirs F, the steaming-pan C, provided with a well, *b*, perforated false bottom E, and pipes *d h*, substantially as and for the purposes set forth.

In testimony that I claim the above I hereunto set my hand.

MONROE GARMIRE.

In presence of—

THOMAS J. SECOR,  
CARLOS E. DEXTER.