

D. B. Cox,
Cook Stove.

2 Sheets, Sheet 1.

No. 92,272.

Patented July 6, 1869.

Fig. 2.

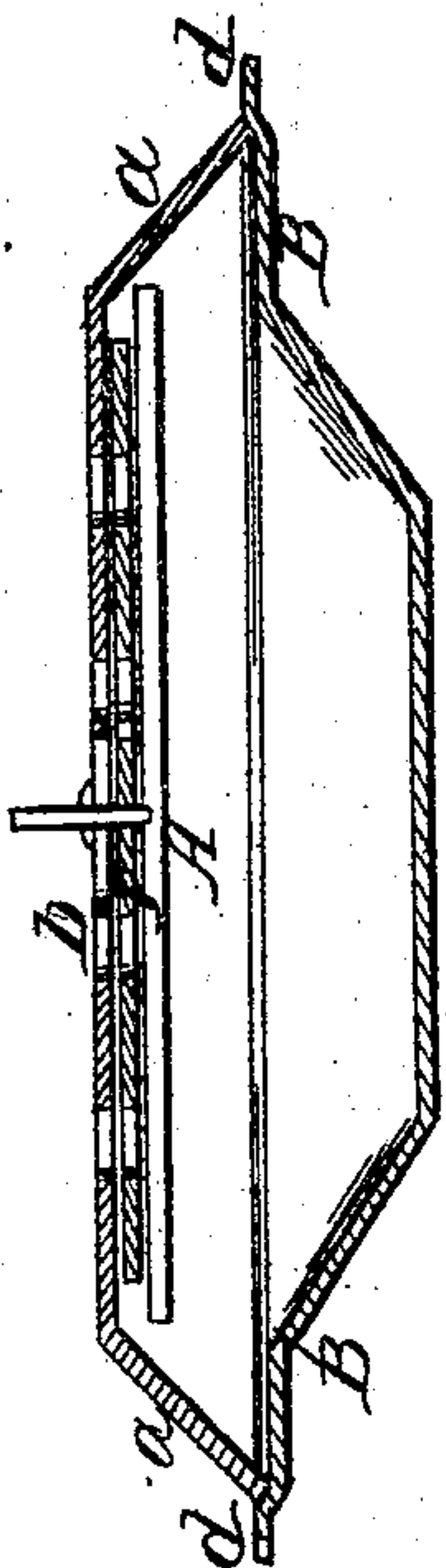
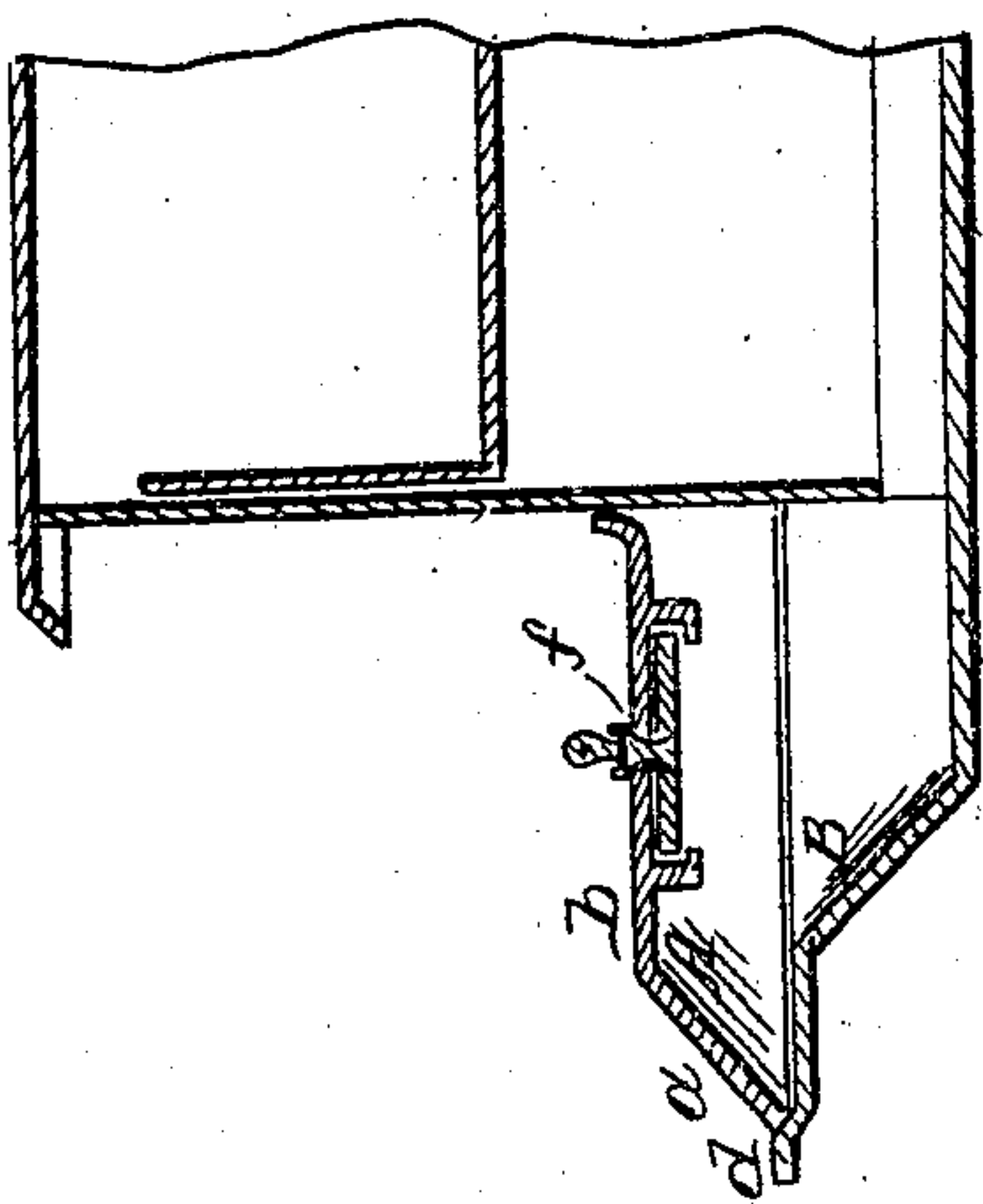


Fig. 1.



Witnesses
R. D. Smith
Wm. Frank Browne

David B. Cox,
By his atty.,
J. S. Brown

J. B. Cox,

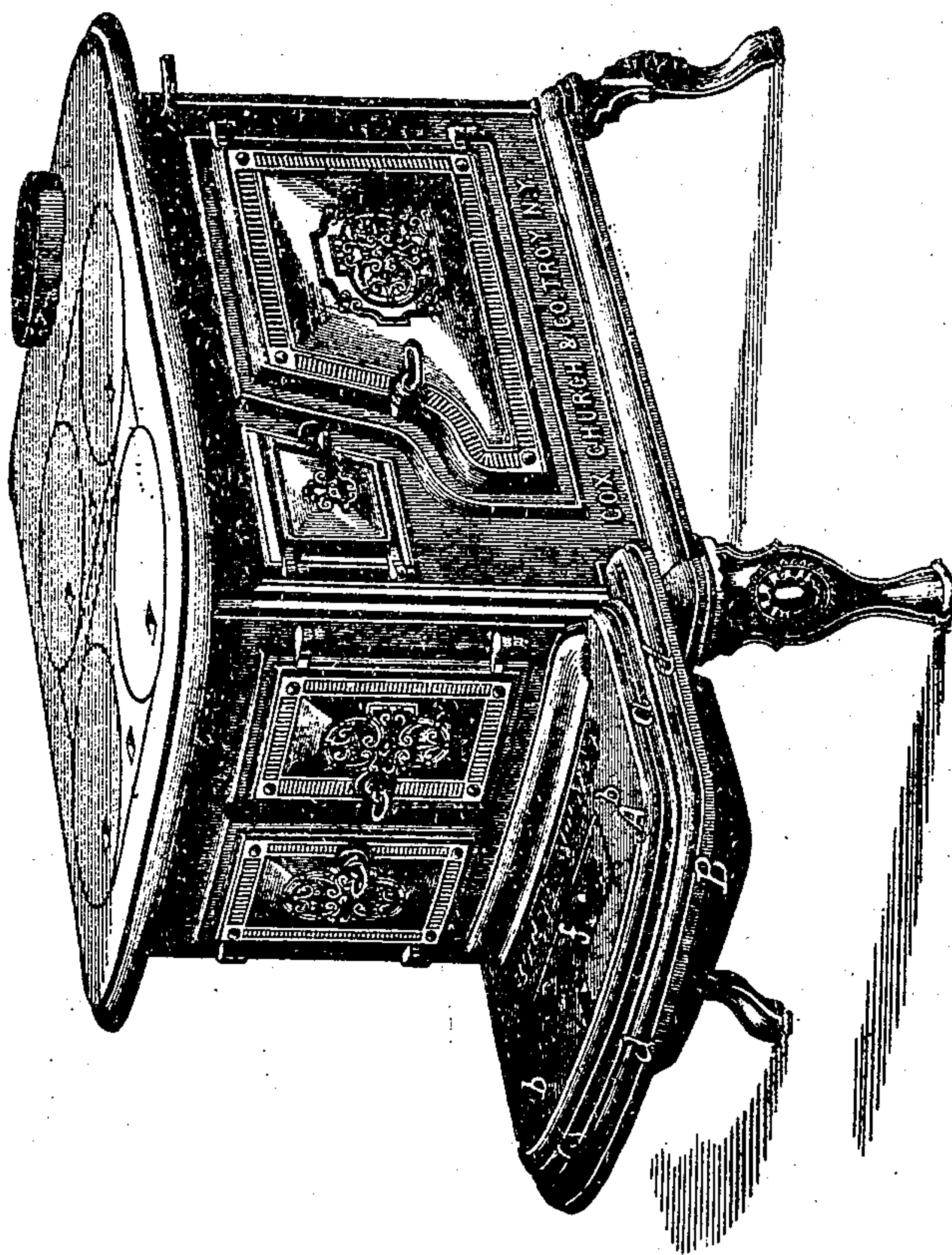
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Fig. 3



Witnesses:
R. D. Smith
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United States Patent Office.

DAVID B. COX, OF TROY, NEW YORK.

Letters Patent No. 92,272, dated July 6, 1869.

HEARTH-PLATE FOR COOKING-STOVES.

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, DAVID B. COX, of Troy, in the county of Rensselaer, and State of New York, have invented an Improved Hearth-Plate for Cooking-Stoves; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification—

Figure 1 being a vertical section, from the front backward, of so much of a cooking-stove as is necessary to show my invention.

Figure 2, a transverse vertical section through the hearth.

Figure 3, a perspective view of a cooking-stove, having the improved hearth-plate.

Like letters designate corresponding parts in all of the figures.

My invention consists in a raised hearth-plate, A, termed a "supplemental hearth-plate," since it adds to the capacity of the sunk hearth beneath, and supplies defects therein heretofore experienced.

The plate is turned down at the edges *a a*, in the form of proper mouldings, so as to raise the main central portion *b* considerably higher than the edges of the hearth B, which is, or may be, formed as usual.

The raised part is plain or flat, and the entire plate covers the whole of the hearth, except the mouldings *d d* at the edges, so that the mouldings of the plate

form a continuation of the ornamentation of the hearth, making a handsome finish, and adding materially to the good appearance of the stove.

But the essential advantage of this raised hearth-plate consists in the greatly-increased depth given to the ash-chamber, so that a much deeper ash-pan may be used.

Another advantage is, that the concave form of the hearth-plate renders it less liable to warp out of shape in casting.

There may be a register, *f*, in the top or middle of the hearth-plate, and the raised plate affords additional room beneath for the introduction of the draught through the hearth.

I do not claim a cover, or closed chamber, situated before the fire-grate of a cooking-stove, to admit and heat the draught before it reaches the fuel; nor do I claim admitting the draught through the hearth-plate of a cooking-stove.

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

The raised hearth-plate A, constructed and applied to the hearth of a cooking-stove, substantially as and for the purposes herein specified.

DAVID B. COX.

Witnesses:

HENRY S. CHURCH;
RICHARD B. CHURCH.