

(No Model.)

W. COURTNEY.

BROODER.

No. 328,011.

Patented Oct. 13, 1885.

Fig. 2.

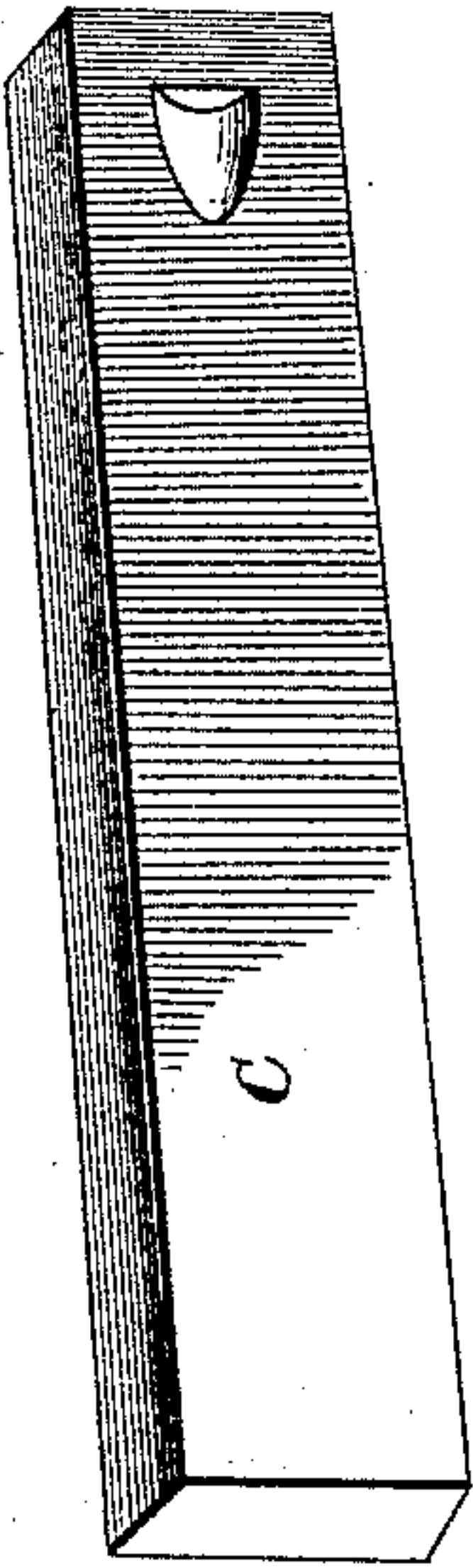


Fig. 3.

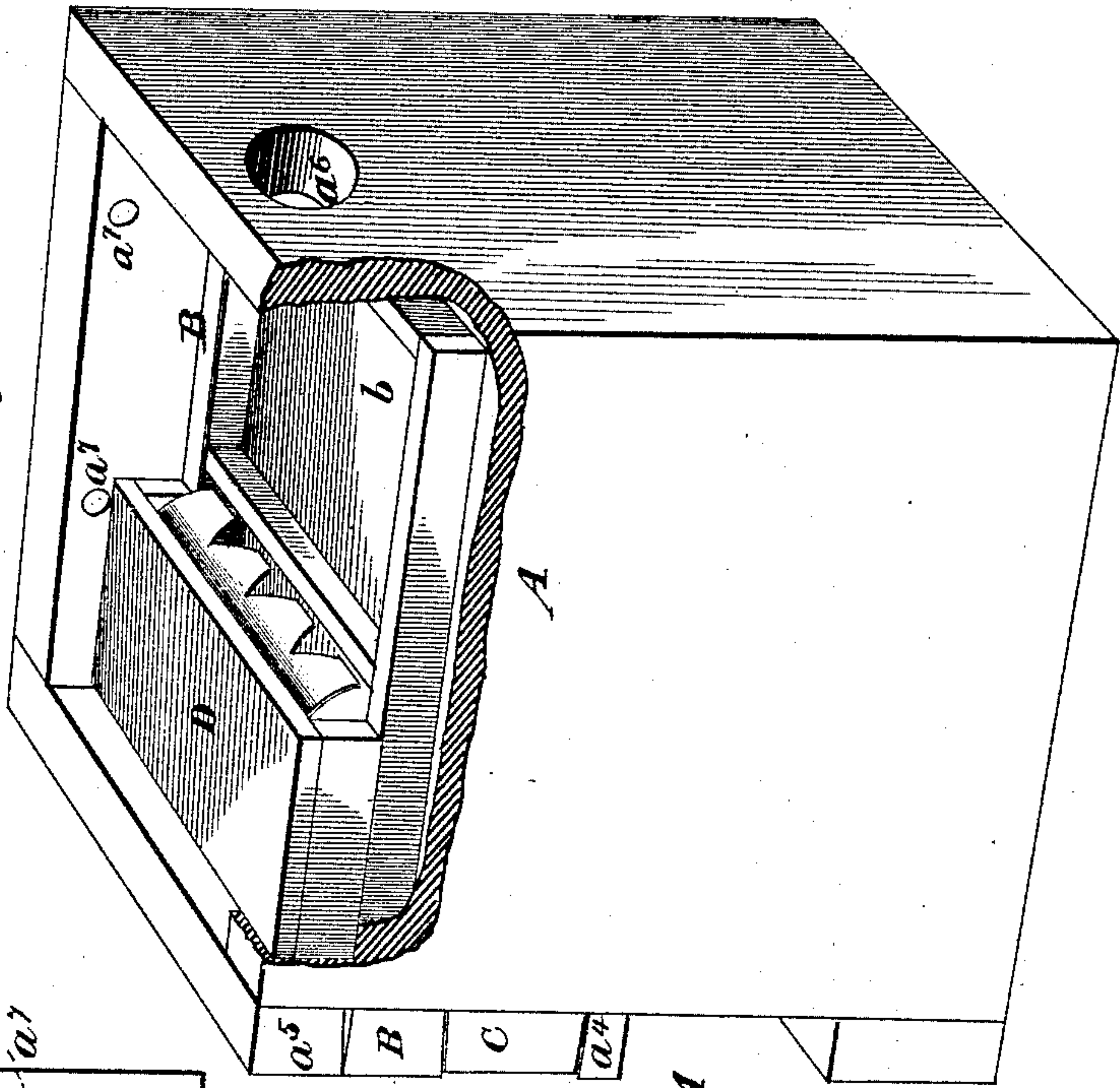
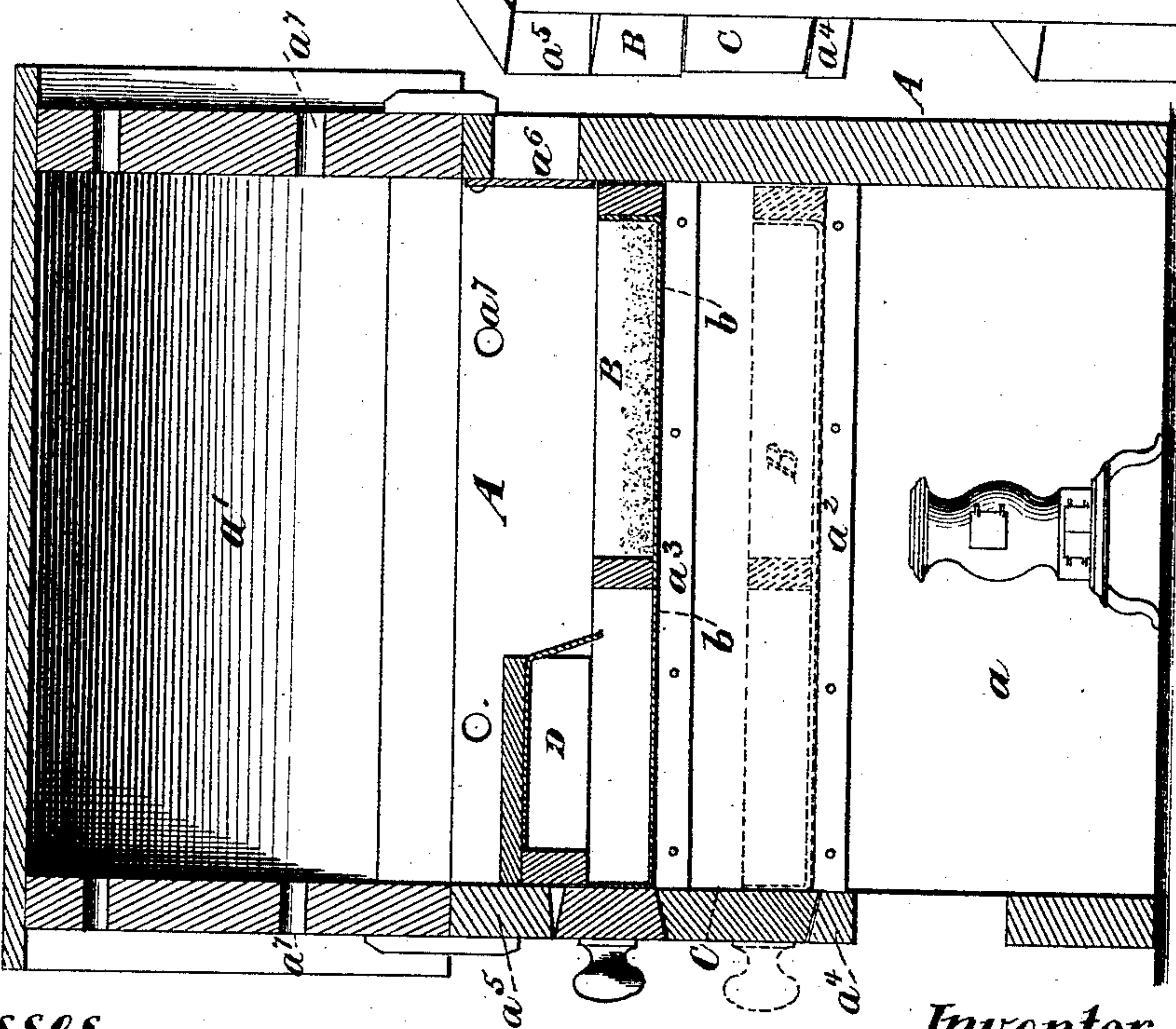


Fig. 1.



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BROODER.

SPECIFICATION forming part of Letters Patent No. 328,011, dated October 13, 1885.

Application filed April 23, 1885. Serial No. 163,158. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM COURTNEY, of Richview, in the county of Washington and State of Illinois, have invented an Improved
5 Brooder for Young Fowls, of which the following is a specification.

The special object of the invention is to furnish the public with convenient and suitable means for protecting young chickens or other
10 fowls until large enough to take care of themselves without their natural mother.

My brooder will first be described in connection with the drawings, and the novelty thereof pointed out in the claim.

15 Figure 1 of the drawings is a sectional elevation of a brooder; Fig. 2, a perspective view of the interchangeable filler; Fig. 3, a plan view in perspective partly broken away.

In the drawings, A represents the roofed
20 brooder, having the bottom chamber, *a*, in which is to be placed the heater, of any suitable kind. The roof *a'* is detachable, so as to give easy access to the inside of the brooder.

Above the heating-chamber *a* is placed a
25 drawer, B, which is provided with a metallic bottom, *b*, that also lines the sides to protect the wooden frame as much as possible from the heat. *a*² *a*³ are guide-strips on which the drawer slides, while C is a filler, which is beveled on the sides, so as to work in a dovetail
30 groove formed by the top and bottom of the drawer-front with the front strips, *a*⁴ *a*⁵, of the box A.

When the chickens or other young fowls are first hatched, the drawer B is placed on the guide-strips *a*², filled with sand or other slow conductor and diffuser of heat, and the filler C is placed between the upper edge of the drawer and the front strip, *a*⁵. When the young fowls have grown considerably, the drawer B is shifted to the guide-strip *a*³, and the filler is placed between its lower edge and strip *a*⁴. The chickens pass through the hole *a*⁶ into a suitable front yard, going back and forth, being fed on the outside of the brooder.

D represents the hoverer, which is lined on the inside with flannel or other soft material of an analogous character, and placed over a portion of the sand-pan, where the young fowls can resort to it at their will. *a*⁷ are holes for ventilation. The sand can be changed at intervals of time, so as to keep the inside of brooder always clean and healthy.

Having thus described all that is necessary to a full understanding of my invention, what I claim as new, and desire to protect by Letters Patent, is—

A brooder provided with the heating-chamber *a*, the superposed metal drawer B, the guide-strips *a*² *a*³, and the interchangeable filler C, substantially as described.

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Witnesses:

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