

(No Model.)

H. W. SPEIGHT.
REFRIGERATING DEVICE.

No. 369,132.

Patented Aug. 30, 1887.

Fig. 1.

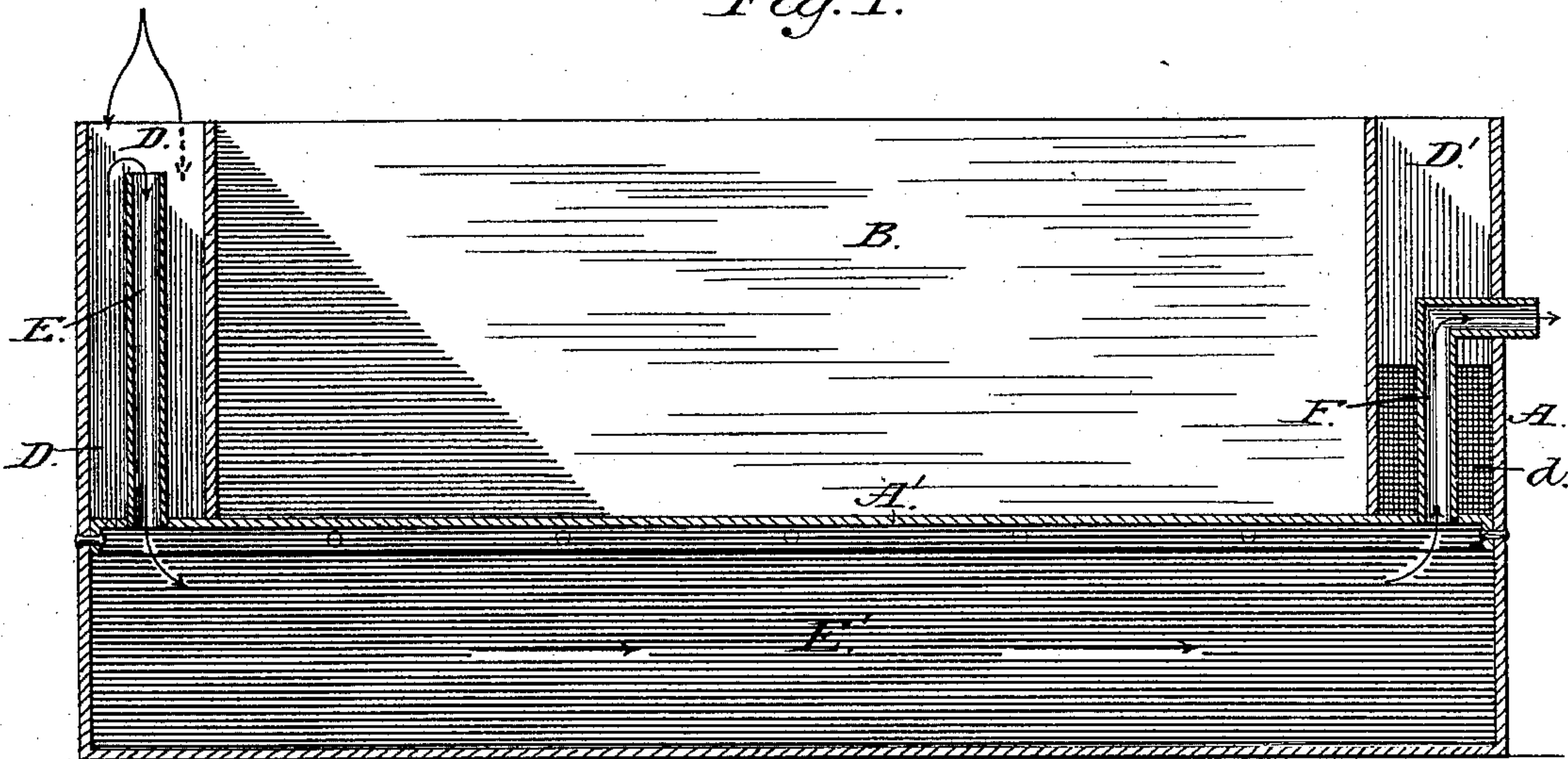
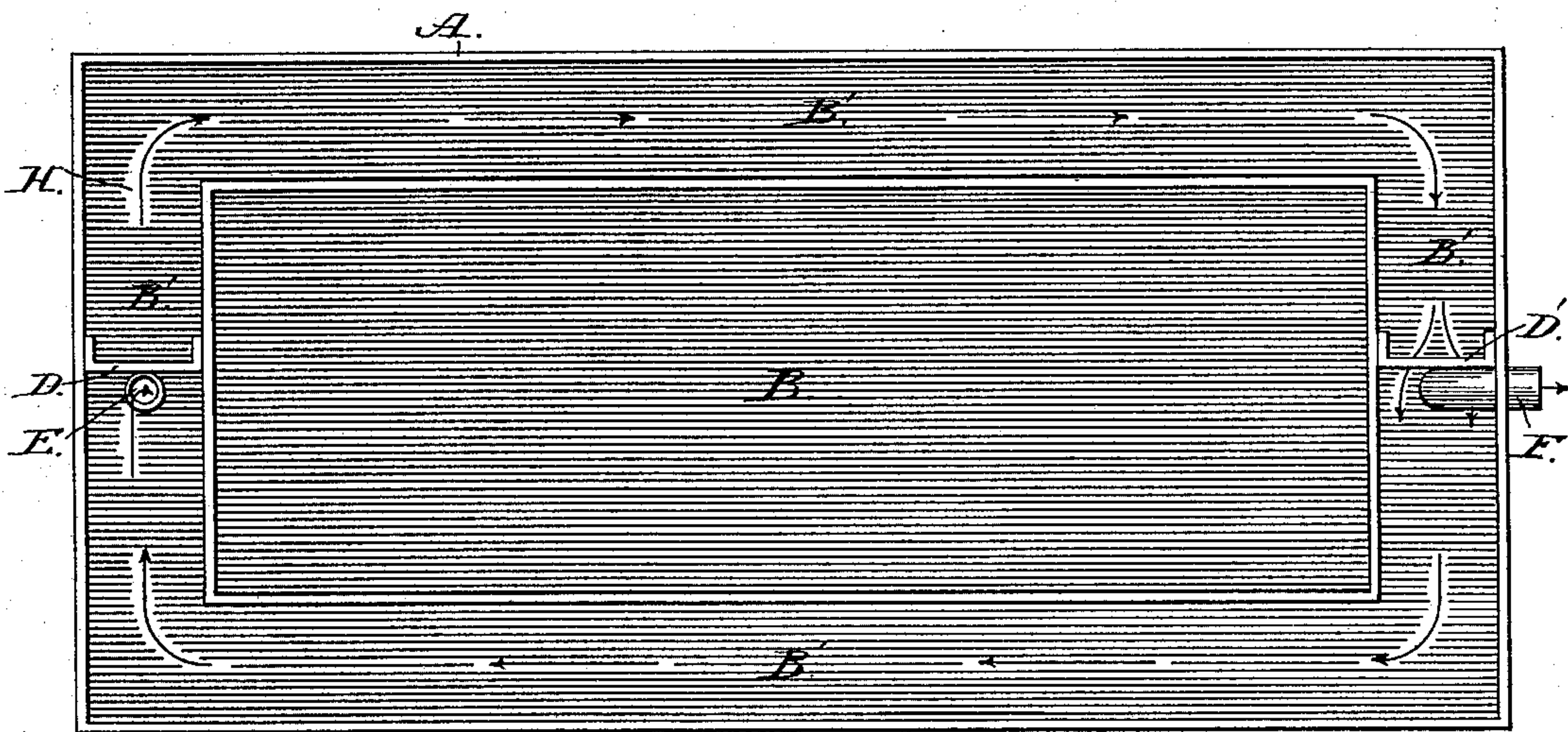


Fig. 2.



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REFRIGERATING DEVICE.

SPECIFICATION forming part of Letters Patent No. 369,132, dated August 30, 1887.

Application filed April 8, 1887. Serial No. 234,147. (No model.)

To all whom it may concern:

Be it known that I, HENRY W. SPEIGHT, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Refrigerating Device, of which the following is a full, clear, and exact description.

My invention relates to an improved refrigerating device specially adapted for butchers' use, and has for its object to provide a means whereby corned meats and similar articles may be kept cool in a simple manner and at a minimum cost.

The invention consists in the construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a central longitudinal and vertical section through the device, and Fig. 2 is a plan view of the same.

In carrying the invention into effect a box, A, is provided, preferably rectangular in form, having an upper spaced and auxiliary bottom, A', secured thereto below the center, as shown in Fig. 1.

Upon the auxiliary bottom A' an interior box-like receptacle, B, is built, adapted to extend upward flush with the top of the outer box or casing, A. Between the sides and ends of the two receptacles an equal space, B', is provided, which space centrally of the ends is divided by vertical partitions D D', the partition D being adapted to extend from the top of the receptacles to an engagement with the auxiliary bottom A', and the partition D' also from the top of the receptacles, but only partially down toward the said bottom A', whereby a passage, d, is formed, as shown in Fig. 1.

In close proximity to the partition D and within the passage d, a vertical overflow-pipe, E, is secured to the auxiliary bottom A, at one end having communication with the lower chamber, E'; and in comparatively the same relative position with regard to the partial partition D' a waste-pipe, F, is attached to the auxiliary bottom A', communicating with the chamber E', and adapted to extend upward slightly above the lower end of the said partition D', and then at right angles outward

through the outer casing or receptacle A, where it may be connected with any suitable drain.

In operation the material to be kept cool—such as corned beef, salt pork, &c.—is placed in the inner receptacle B, and the cold wastewater from the ice-box of a refrigerator is made to enter the space B' at H, whereupon it flows through the opening d, as indicated by arrows, Fig. 1, to a contact with the stand-pipe E and partition D. When the space B' has become filled, the cold water will flow down the said stand-pipe into the lower chamber, E', and up through the waste-pipe, as indicated by arrows in Fig. 1, out into any suitable drain.

It will be observed that the material in the receptacle B is kept constantly cool by the continual passage of cold water around the sides and in contact with the bottom, and that the cost of refrigerating is merely nominal, as the material employed is a waste product.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A refrigerating-box provided with an auxiliary bottom, a smaller box built upon said bottom, a stand-pipe intervening between the sides of the two boxes and uniting the space formed thereby with the space intervening between the bottoms of said boxes, and a waste-pipe oppositely situated to said stand-pipe and opening through the auxiliary bottom and projecting outside the outer box, as set forth.

2. A refrigerating device consisting of receptacle A, provided with an auxiliary bottom, A', an inner and smaller receptacle, B, whereby a space, B', intervenes the inner and outer receptacles, a partition, D, dividing said space at one end, and a second partition, D', partially dividing said space at the opposite end, a chamber, E', below said auxiliary bottom, a stand-pipe, E, connecting the space B' and chamber E', and a waste-pipe, F, adapted to connect said chamber E' with a drain, all arranged substantially as shown and described.

HENRY W. SPEIGHT.

Witnesses:

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