

(No Model.)

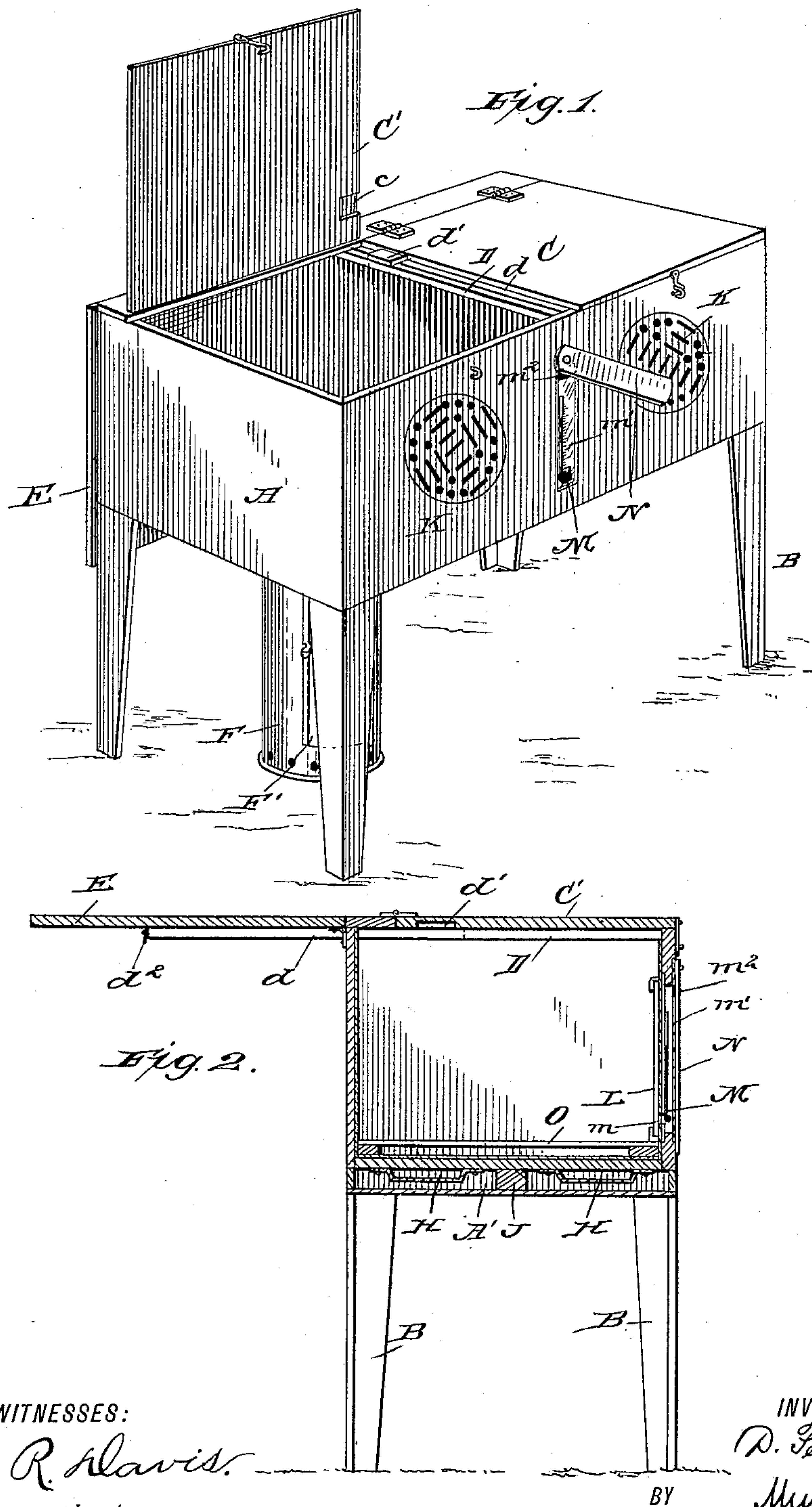
2 Sheets—Sheet 1.

D. PENTZ.

COMBINED BREAD RAISER AND KITCHEN SAFE.

No. 401,055.

Patented Apr. 9, 1889.



WITNESSES:

W. R. Davis.
C. Sedgwick

INVENTOR,
D. Pentz
Munn & Co.
ATTORNEYS.

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UNITED STATES PATENT OFFICE.

DAVID PENTZ, OF SHIPPINGPORT, PENNSYLVANIA

COMBINED BREAD-RAISER AND KITCHEN-SAFE.

SPECIFICATION forming part of Letters Patent No. 401,055, dated April 9, 1889.

Application filed May 2, 1888. Serial No. 272,569. (No model.)

To all whom it may concern:

Be it known that I, DAVID PENTZ, of Shippingport, in the county of Beaver and State of Pennsylvania, have invented a new and Improved Combined Bread-Raiser and Kitchen-Safe, of which the following is a full, clear, and exact description.

The object of the invention is to provide a combined article especially adapted as a bread-raiser, but which will be also adapted for use as a bread-safe or a table; and the invention consists in peculiar construction and combination of parts, as hereinafter described and claimed.

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 all the figures.

Figure 1 is a perspective view of a combined bread-raiser, bread-safe, and table embodying my invention. Fig. 2 is a central sectional elevation. Fig. 3 is a central longitudinal vertical section. Fig. 4 is a longitudinal section on the line *y y* of Fig. 3, looking in the direction of the arrow; and Fig. 5 is a plan view of the lower member of the hollow bottom, the upper member of said bottom being removed and the box being in section.

The box A, of suitable shape and content, and preferably formed of wood, having a lining, *a*, of tin, is supported by legs B and provided with the hinged lids or covers C C', the said covers being partially supported in the closed position by a cross-piece, D, and one of said covers being larger than the other, for a purpose hereinafter explained.

The box A is formed with a hollow or double bottom, A', depending from the lower member, A², of which is a cylindrical or other lamp-chamber, F, which is provided with a door, F', for the insertion and removal of a lamp, and with a funnel-shaped top, *f*, which serves to receive and steady the chimney of a lamp, G. At that end of the hollow bottom A' to which the lamp-chamber is attached, and secured to the upper member, A³, of said bottom, is a flanged metallic plate, H, which is set out from the said bottom to form a heat-distributing chamber, which receives the heat from the lamp through a series of apertures, *h*, formed in the plate H directly over said lamp-cham-

ber. The chamber formed by the plate H is open only at the end *h'* opposite that at which the apertures *h* are located, and as the heat from the said chamber passes from the end *h'* it strikes baffle-pieces I I, which are disposed crosswise of the bottom, with a space between them for the passage of the heat, which then strikes against another baffle, I', which extends along the end wall, A⁵, of the hollow bottom, forming an open-ended passage, I², between the said baffle and end wall, through which the heat passes to and out through a hole, A⁴, in the said end wall, A⁵. It will thus be seen that the heat is practically equalized throughout the whole of the hollow bottom. The baffles I' I' I² serve also as supports for the upper member, A³, of the hollow bottom. An additional support, J, is provided between the upper and lower member of the bottom, the said support being located at about the center of the bottom between the forked end *h''* of the plate H.

At the front side the box A is formed with ventilators K, which may consist of ornamental open work, slides L being arranged on the inside of the box for closing the same. Between the ventilators K or at other desirable part of the box is fitted a thermometer, M, whereby the temperature of the box will be indicated. A swinging cover, N, pivoted on the outer face of the box above the thermometer, protects the latter from injury, and may be readily swung to either side for allowing observation of the thermometer. At the back of the thermometer-bulb the lining *a* is formed with an aperture, *m*, and at the front of the thermometer is placed glass, *m'*, at the top of which is a small opening, *m*². By this arrangement the temperature around the thermometer is kept the same as that of the interior of box A.

The bottom of the box is provided with a removable wooden rack or tray, O, which prevents the direct contact of the bread-pans with the bottom.

By constructing the box with two covers of unequal size the larger one will allow of the entrance of a large pan of bread without the need of raising both, the smaller one serving as a support for the pan while the larger one is being raised; also, small pans of bread

may be entered by opening the small cover without creating quite so great a change in the temperature of the box as if the larger cover were raised.

5 E is a hinged table-leaf, and *d* is its supporting-slide. These devices need not be further referred to, as they form no part of my claims. The top of the bread-raiser may be used as a table, the surface of which may be
10 extended by the leaf in the usual manner.

The metallic lining of the box enables the same to be more easily kept clean and preserves the contents from the attacks of rats and mice, and is also preferable because of
15 retaining its heat longer than wood. When used as a bread-safe, the metal lining is cooler than the wood.

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

1. The combination, with the box A, provided with a double hollow bottom, of a lamp-

chamber in communication with said hollow bottom, a plate, as H, united to one member of said hollow bottom, forming a chamber 25 open at one end and formed with an opening for the admission of heat from the lamp-chamber, and baffle-pieces located between the chamber formed by the plate H and the heat-escape opening, substantially as shown 30 and described.

2. The combination, with the box A, formed with a double hollow bottom, of a lamp-chamber, F, in communication with said hollow bottom, the plate H, having apertures *h*, and 35 secured to one member of said bottom, forming a heat-distributing chamber, baffles I I I', and support J, located between the forked end *h''* of the plate H, substantially as shown and described.

DAVID PENTZ.

Witnesses:

JAMES EDGAR,
THOMAS C. SMITH.