

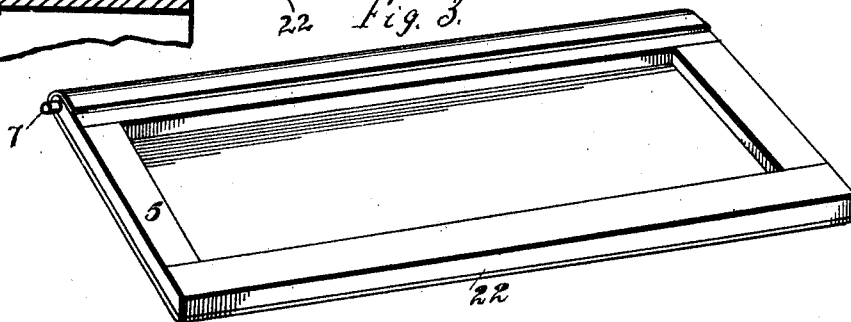
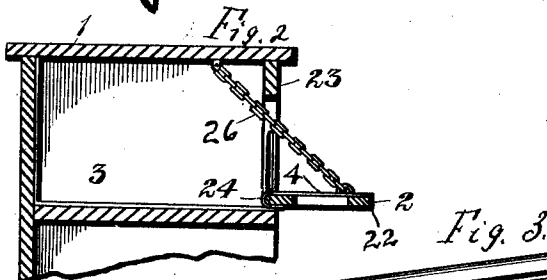
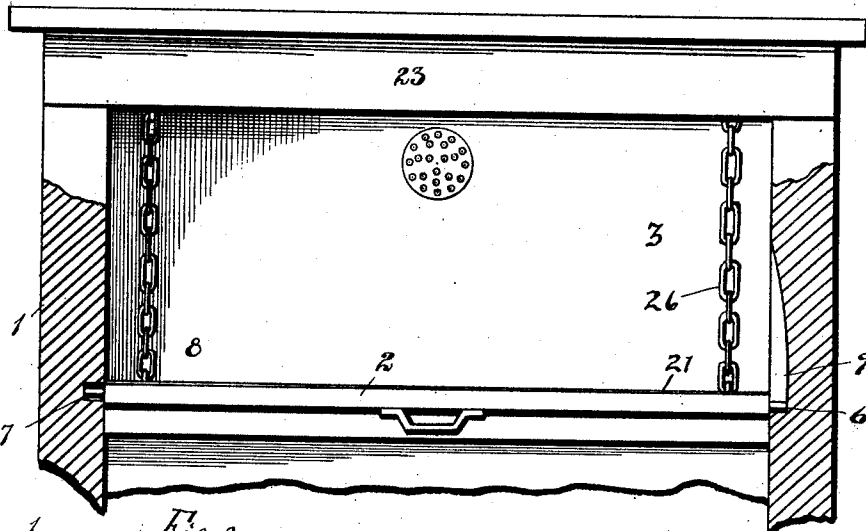
W. R. FITCHET.
FOOD SAFE.

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1,002,664.

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Fig. 1.



WITNESSES.

W. C. Jennings
Wm. Dillman

INVENTOR.

William R. Fitchet
by *Parker & Burton* Attorneys.

UNITED STATES PATENT OFFICE.

WILLIAM R. FITCHET, OF PINNEBOG, MICHIGAN.

FOOD-SAFE.

1,002,664.

Specification of Letters Patent.

Patented Sept. 5, 1911.

Application filed September 21, 1909. Serial No. 518,819.

To all whom it may concern:

Be it known that I, WILLIAM R. FITCHET, citizen of the United States, residing at Pinnebog, county of Huron, State of Michigan, have invented a certain new and useful Improvement in Food-Safes, and declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to food safes.

It has for its object an improved metal lined chamber and a closure therefor adapted to close tightly and securely, and arranged to be readily cleaned from the accumulation of crumbs or other similar material that may from time to time gather in the bottom of said chamber. The chamber is shown as used in connection with a case or waiter, and is especially intended to be used in connection with the dumb waiter patented to me May 17th, 1898, Number 604,232.

In the drawings: Figure 1, shows a front elevation partly in section, with the door open. Fig. 2, is a vertical cross section. Fig. 3, is a perspective showing that face of the door which is outside of the case.

The case 1 is made in the form of a box or compartment at the top of a case of shelves or drawers, and is a compartment inclosed at the bottom, top, rear and ends, and is provided with a closure 2 at the front, which is adapted to be dropped to a horizontal position as shown in Figs. 1 or 2, or to be turned up to a vertical position to close the opening. Preferably the interior of the case is lined with a metal sheathing 3, and that side of the closure 2 which is turned to the inside of the chamber when the closure is in its vertical position is lined with a metal sheathing 4 secured to a frame 5. The frame is provided with pins 6 and 7 which engage in sockets 8 and 9 in the end walls of the chamber. One of these sockets 8 is substantially cylindrical and engages with a cylindrical pin. It is, however, somewhat larger than the pin so that there is freedom of movement of the pin within the socket. The second of these sockets 9 is provided with a groove leading thereinto. This groove is of such a character that the closure may not only swing on the pin which engages in the socket, but may

turn on the pin 7 to lift the end 21 of the closure, and disengage both pins from the sockets in which they normally engage. The free or swinging edge 22 of the frame of the closure engages against a bar 23 which crosses above the opening for the closure and engages so tightly that the bearing edge 24 is pressed tightly against the bottom sheathing 3 of the compartment, making tight joints at both top and bottom. The bearing edge 24 of the closure member is rounded, and in closing or opening the closure member rolls on the rounded bearing edge. Preferably the closure member is held from falling below a horizontal position by a flexible member 26, one end of which is attached to the closure member and one end of which is attached to a wall on the inside of the chamber.

The closure member, when in its horizontal position, may be used as a cutting board or cutting table for bread or cake, and any crumbs that fall from the loaf drop at once into the chamber, but because of the cylindrical shape of the bearing edge 24, form no obstruction to the proper closure of the closure member, and may at any time be swept or brushed out from the chamber underneath the edge of the closure member, or the closure member may be lifted entirely out of position in order that the interior of the chamber may be cleaned.

What I claim is:—

A combined food safe closure and cutting board, having in combination with a food safe, provided with an entrance opening, a pin-groove and a pin-socket on the opposite sides of the opening, said safe also having a floor extending into said opening and a bar across the top of said opening, a door having a rounded rear edge, upon which it is adapted to turn on said floor, regardless of crumbs or other obstructions, pins in its end edges, centric to the curvature of the rear edge and loosely engaging in the said groove and socket, whereby the said door is both, detachably secured in place to allow lifting to sweep the floor of the safe, and is also capable of vertical movement to aid in securing a tight closure, the said bar across the top being so positioned as to crowd the vertically slidable door into tight engagement with the said safe floor, flexible means within said safe adapted to hold said door in horizontal position, when open, the said rounded door edge, the crowding bar and

the pins, capable of vertical sliding in their sockets, adapted, in coöperation, to cause a tight joint, when the door is closed, and the said rounded door edge, turning on an axis of revolution between the upper and lower door edges and the said axis, being movable vertically by reason of the vertical slidability of said pins, thereby, adapted to form an overlapping joint with the said floor,

preventing crumbs from falling out, when said door is used as a cutting board, substantially as described. 10

In testimony whereof, I sign this specification in the presence of two witnesses.

WILLIAM R. FITCHET.

Witnesses:

CHARLES F. BURTON,
VIRGINIA C. SPRATT.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."