

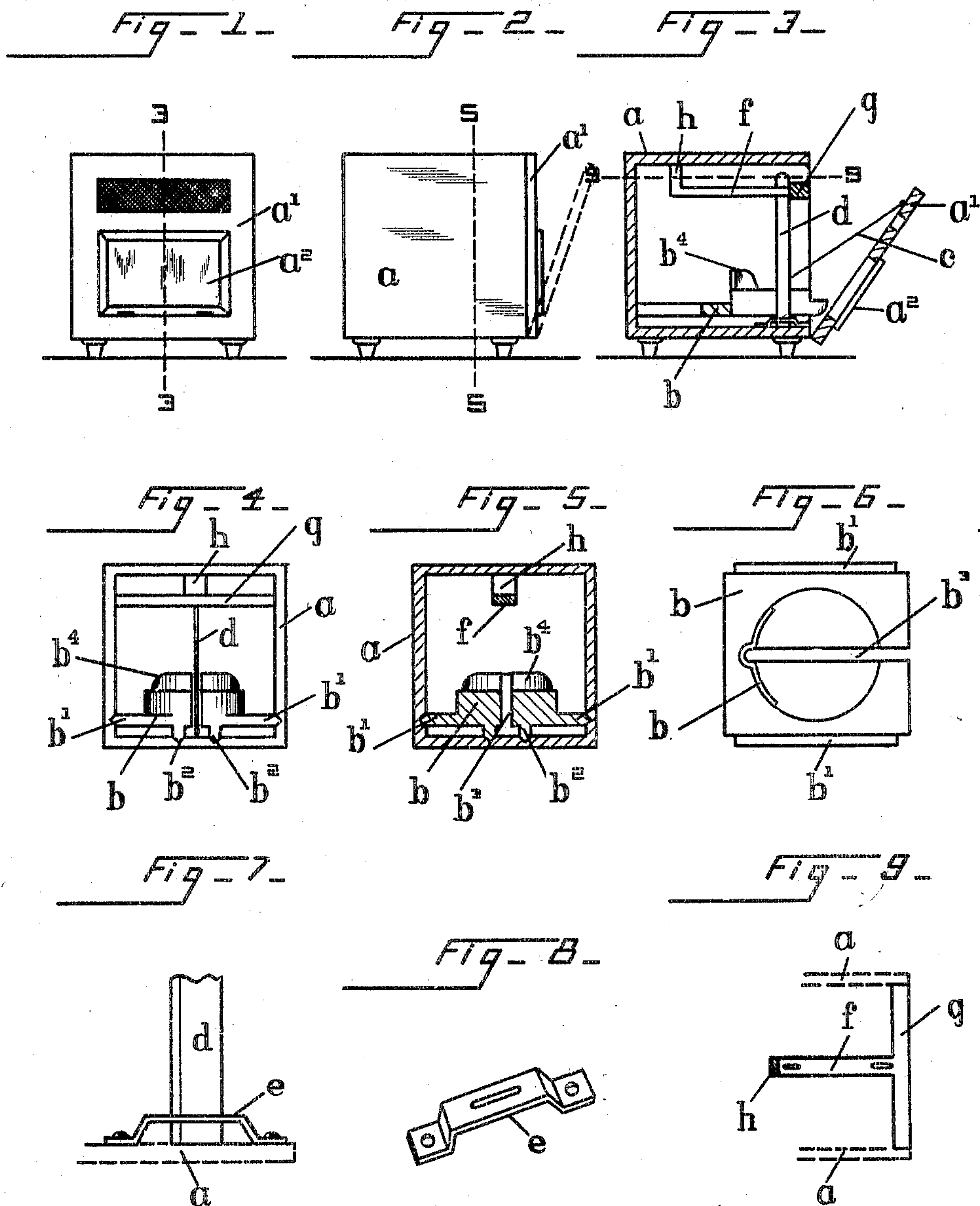
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PATENTED MAY 9, 1905.

W. A. McELNEY.

CHEESE BOX.

APPLICATION FILED JULY 29, 1904.



Witnesses  
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# UNITED STATES PATENT OFFICE.

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## CHEESE-BOX.

SPECIFICATION forming part of Letters Patent No. 789,376, dated May 9, 1905.

Application filed July 29, 1904. Serial No. 218,636.

*To all whom it may concern:*

Be it known that I, WILLIAM A. McELNEY, a citizen of the United States, residing at Waterford, in the county of New London and State of Connecticut, have invented a new and useful Improvement in Cheese-Boxes, which improvement is fully described in the following specification.

The chief object of this invention is to provide a convenient and reasonably cheap receptacle for cheese, a receptacle by means of which the said cheese may be automatically handled and cut into sections of any desired size.

The drawings annexed hereto serve to illustrate my invention.

Figure 1 is a front end view, and Fig. 2 a side view, of a cheese-box embodying my improvements. Fig. 3 is a vertical central sectional view of said box on line 3 3 of Fig. 1. Fig. 4 is a front side elevation with the door  $a'$  removed. Fig. 5 is a cross-sectional view taken on line 5 5 of Fig. 2. Fig. 6 is a plan view of the sliding bed  $b$ . Fig. 7 is a side elevation of the knife-blade and the bracket in which the lower end of said knife is removably supported, and Fig. 8 is a perspective view of said support. Fig. 9 is a plan view of the bar that supports the upper end of said knife.

Briefly described, my said invention consists of a box-like receptacle having a cheese-support in the form of a sliding bed that is connected with the door of the box in such a manner that when the said door is opened the bed will be drawn outward and the cheese mounted thereon will be exposed to view. Located in the path of the bed is a knife-blade that automatically slices the cheese, as I will explain in detail later.

Referring to the annexed drawings, the letter  $a$  indicates a box, and  $a'$  denotes a door that is hinged to the lower front portion of said box.

$b$  indicates a supplemental bottom that is mounted to slide freely on ways  $b'$   $b^2$ , said supplemental bottom being connected, by rods  $c$ , with the door  $a'$  in such manner that when the said door is opened the bottom  $b$  will be drawn outward, as seen in Fig. 3 of

the drawings. The door  $a'$  is provided with a screened opening for ventilation and also with a supplemental door  $a^2$ , through which the contents of the box can be viewed and handled without opening the larger door  $a'$ .

The movable bottom  $b$  serves as a support for the cheese, and it (the bottom) is slitted from its front edge nearly to its rear edge, as seen at  $b^3$  in Fig. 6, and at the rear side is a raised rim or guard  $b^4$ , that serves to hold the cheese in proper position on the movable bottom as the latter is drawn outward.

Registering with slit  $b^3$  is a vertical knife  $d$ , that is located, as herein illustrated, at the front or open end of the box, said knife being supported at its lower end in a slotted plate  $e$ , secured to the box-bottom. The upper end of said blade is located in a like slot in a bar  $f$ , whose outer end is secured to a cross-bar  $g$  and whose inner end is supported by a brace  $h$ , depending from the top of the box. By raising said blade slightly its lower end may be slipped out of the plate  $e$ , and it may then be drawn downward out of its upper support.

When it is desired to use my described invention, the door  $a'$  is opened, thus drawing outward the supplemental or sliding bottom  $b$ . The cheese is then placed upon said sliding bottom and the door  $a'$  is closed, thus returning the bottom  $b$  to its closed position. The auxiliary door  $a^2$  is then opened, and by reaching through its opening the knife is placed in its slotted support with its edge toward the cheese. It will now be understood that when the door  $a'$  is again opened the bottom  $b$  will be drawn outward and the cheese mounted thereon will be forced into engagement with the knife-blade, the depth of the cut being determined by the distance the sliding bottom  $b$  is moved forward. Ordinarily the cheese should be cut to its center. Then after closing the door  $a'$ , so as to withdraw the knife from the cheese, the latter should be slightly rotated on its support, this being done by reaching through the auxiliary door  $a^2$ . Then by opening the door  $a'$  again the cheese is drawn forward and is so cut as to separate a triangular section from the cheese. By thus partially rotating the cheese from time to time the entire



cheese may be cut into sections of any desired size.

It is preferred that the knife *d* be so located relatively to the sliding movement of bed *b* that the cheese will be cut from circumference to center as the door *a'* is opened, but it will be obvious that by locating the knife farther back in the box or by drawing the bed *b* outward a greater distance the cheese may be cut in two.

My described device may be very cheaply constructed, is easily operated, and avoids to a large extent the necessity of handling the cheese.

Having thus described my invention, I claim—

1. In combination, a sliding cheese-support, a knife mounted in the path of said support, and means for moving said support across the said knife.

2. In combination, a box, a cheese-support slidably mounted therein, a door hinged to said box, a knife fixedly mounted in the path of said cheese-support, and connections between said support and door whereby the opening of the door will move the said support across the knife.

3. In combination, a slotted sliding cheese-support, a rim *b'* secured to one side thereof, a knife fixed in the path of said sliding support and means for moving said support across the said knife.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM A. McELNEY.

Witnesses:

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JOB H. TUBBS.