

(No Model.)

W. E. RUTHERFORD.  
Refrigerating Butter Carrier.

No. 232,549.

Patented Sept. 21, 1880.

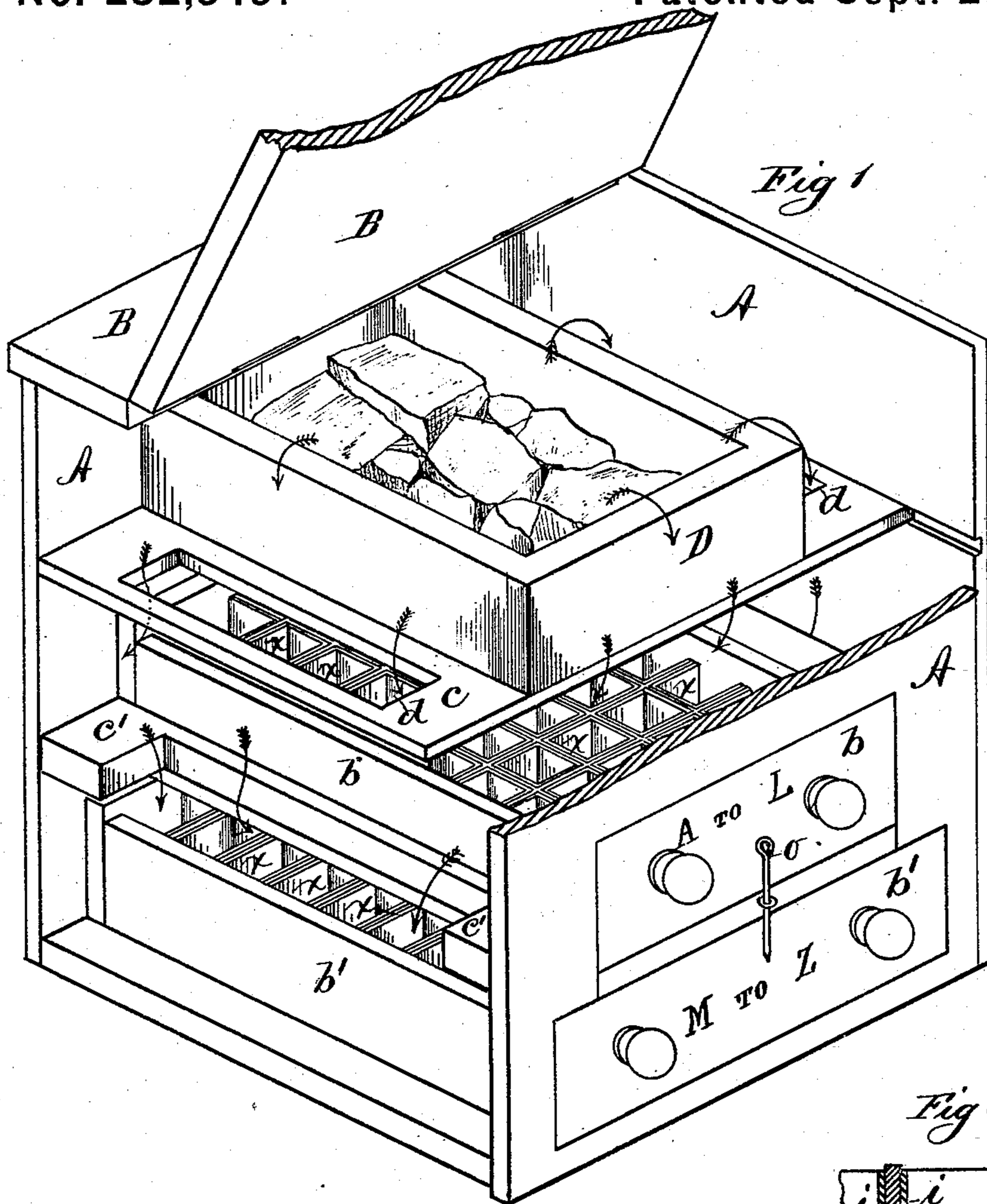


Fig 2

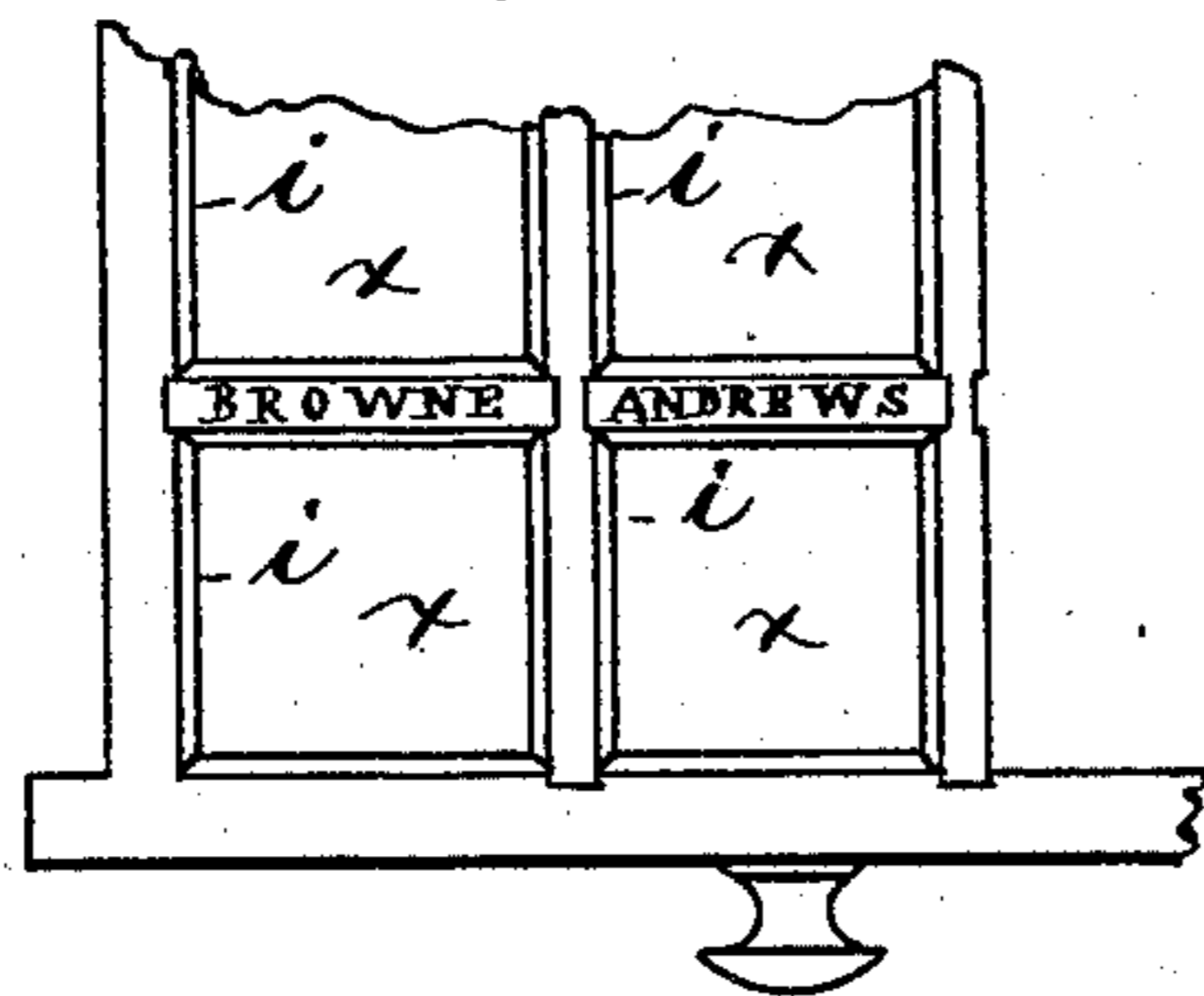
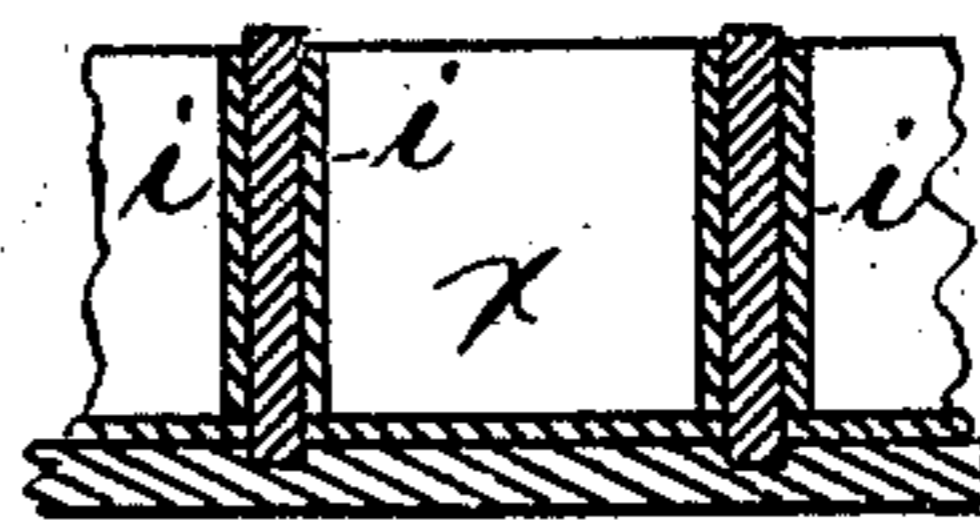


Fig 3



Witnesses  
Wm A Chapin  
Charles Bill

Inventor  
Walter E Rutherford  
By Henry A Chapin  
Atty

# UNITED STATES PATENT OFFICE.

WALTER E. RUTHERFORD, OF WESTHAMPTON, MASSACHUSETTS.

## REFRIGERATING BUTTER-CARRIER.

SPECIFICATION forming part of Letters Patent No. 232,549, dated September 21, 1886.

Application filed May 15, 1880. (No model.)

*To all whom it may concern:*

Be it known that I, WALTER E. RUTHERFORD, a citizen of the United States, residing at Westhampton, county of Hampshire, and State of Massachusetts, have invented new and useful Improvements in Refrigerating Butter Carriers or Boxes, of which the following is a specification.

My invention relates to that class of butter-boxes used for preserving balls of butter in a cool condition in stores and like places; and for transporting it from place to place for delivery to customers; and the object thereof is to provide an improved construction of refrigerating-box for the above-named purposes, whereby provision is made therein for a proper ice-receptacle and for such an arrangement of butter-cells relative thereto as insures a perfect circulation of cold air over and around the butter contained therein, keeping it in the most desirable condition for consumption.

I attain the above-named objects by the construction illustrated in the accompanying drawings, in which—

Figure 1 is an isometrical view of my butter-box. Fig. 2 is a plan view of a portion of one of the drawers. Fig. 3 is a vertical section through the center of one of the cells and portions of those on each side of it.

My improved butter-box consists of the box proper or case A, which, in Fig. 1, has one side removed and a portion of its front broken away to show the arrangement of its internal parts. Said case A is provided with a cover, B, adapted to fold back upon a portion of itself, and with two shelves, *c c'*.

Upon the upper shelf, *c*, is located a suitably-constructed ice-box, D, provided with a discharge-pipe to conduct water from said box to the bottom of the case and discharge it.

Shelf *c* is provided with suitable openings *d*, one on each side of box D, to allow a free passage for descending currents of cold air from the ice-box onto the contents of drawers below; and said shelf *c* is made shorter than the width of the case A, as shown, so that there may be no obstruction to a free circulation of cold air between its front edge and the side of said case.

Shelf *c'* has openings cut in it, as shown, one on either side of it, under the openings *d*,

in shelf *c* also, for the purpose of allowing of a free circulation of cold air therethrough upon the contents of butter-cells beneath it.

Adapted to slide on the shelves *c c'* are two drawers, *b b'*, and the first-named one (the upper) is made narrower than the lower one, as shown. Said drawers have constructed in each of them a series of butter-cells, as shown in Fig. 1, and marked *x* in Figs. 2 and 3.

The above-named butter-cells are made of convenient dimensions to accommodate them to the reception of the sized butter-balls it may be desired to carry or store in the box, and are lined with glass or porcelain cups *i*, to prevent any absorption by the sides of the cells of any matters from the butter that may be stored in them.

When my box is used for the purpose of delivering butter at stated times to a certain number of consumers, the upper edges of the partitions between the cells may have the names of the several consumers affixed thereto, as seen in Fig. 2. After the butter has been placed in the cells *x*, the drawers *b b'* put in their places in case A, and the ice-box D supplied with ice, cover B is shut down, and the butter is kept cool by the operation of the cold air emanating from the ice in box D.

Drawer *b'* is, as shown, constructed wider than drawer *b* above it, and the ice-box D is made narrower than said upper drawer. This arrangement of gradually-increasing sizes of the last-named parts D *b b'* provides for a most effective and free air-circulation within case A and over and around the contents of the cells in said drawers, for it will be observed that between the drawers and the shelves over them there is quite an air-space. Thus the cold air circulates from the ice-box D in the directions indicated by the arrows in Fig. 1, descending on the sides of and in front of box D, through the openings *d*, upon the top of the cells in drawer *b*, and down by the sides of the latter upon those in drawer *b'*.

If names are placed upon the edges of the partitions between the cells, as above described, the front of the drawers may bear upon them, as shown, the initial letters of such names.

It is obvious that my butter-carrier need not, in constructing it, be limited to two drawers,

only; but, preserving the requisite difference in width for the purposes above described, several more drawers may be arranged in one case.

The drawers *b b'* may be secured within case A by a pin, *o*, passed through a staple, as shown, or in any other convenient way, and if preferred the cells may be dispensed with when the case is used for transporting butter in bulk.

What I claim as my invention is—

10 The case A, provided with the perforated

shelves *c c'* and cover B, in combination with the ice-box D, and the drawers *b b'*, of unequal width and provided with the butter-cells, as shown, substantially as and for the purpose set forth.

WALTER ELDER RUTHERFORD.

In presence of—

SARAH C. COOK,  
A. G. JEWETT.