J. J. Doepken.

Meat Safe.

No. 93864. Patented Aug. 17, 1869.

Fig. 1.

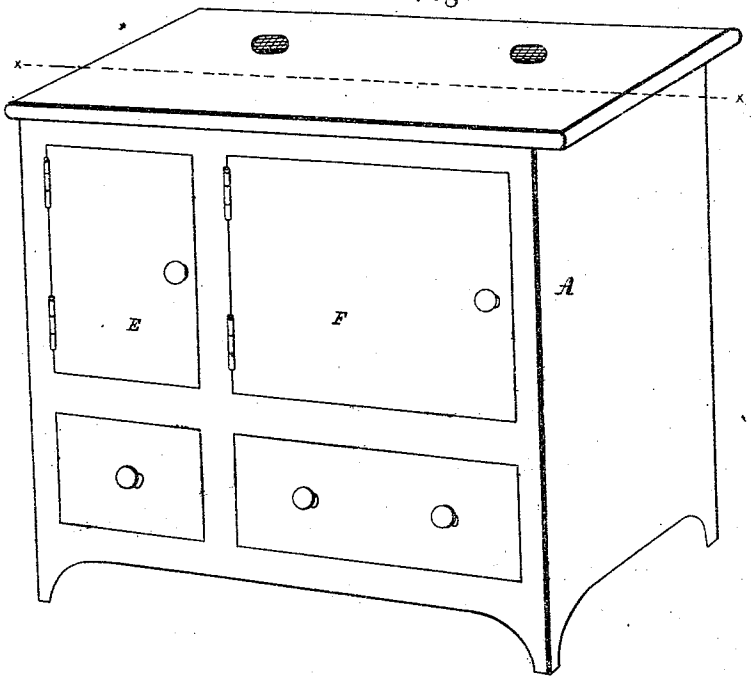


Fig. 2.

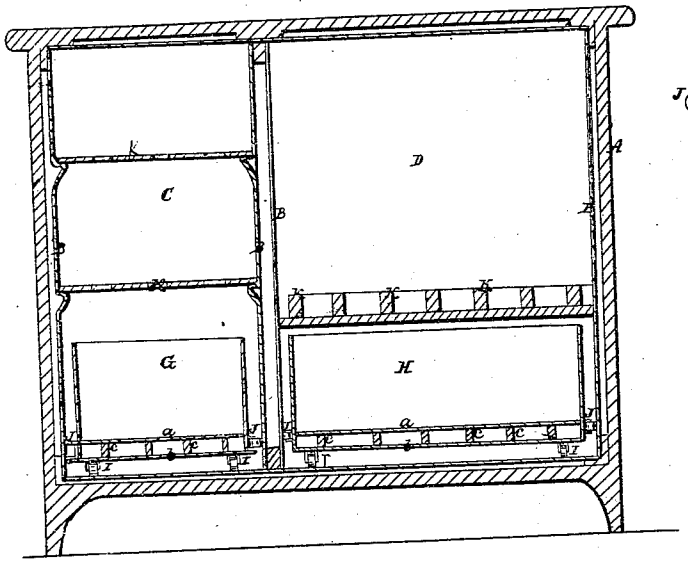
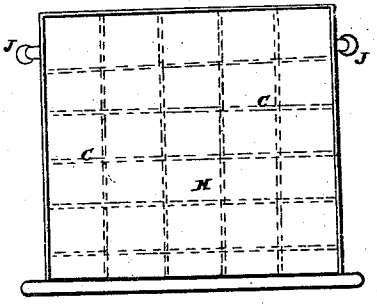


Fig. 3.



Witnesses:

J. H. Burridge

Frank S. Alden

Inventor:

J. J. Doepken.

United States Patent Office.

J. J. DOEPKEN, OF LIMA, OHIO.

Letters Patent No. 93,864, *dated August* 17, 1869.

IMPROVED MEAT-SAFE FOR BUTCHERS AND OTHERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, J. J. DOEPKEN, of Lima, in the county of Allen, and State of Ohio, have invented certain new and useful Improvements in Butchers' Meat-Safes; and I do hereby declare that the following is a full and complete description of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of the safe.

Figure 2, a vertical section in direction of line *x x*.

Figure 3, a detached section.

Like letters of reference refer to like parts in the views presented.

In fig. 1, A represents the case, which is constructed of wood, and of any desirable shape and size, in the inside of which is a wall of sheet-metal, B, fig. 2, thereby making the safe double walled, having a space between them, which may be filled up with any non-heat-conducting material.

This safe is divided into two compartments, C D, fig. 2, to which access is had by means of the doors E F, fig. 1.

Immediately below each compartment is a drawer or ice-box, G H.

Said boxes are provided with a double bottom, *a b*, arranged a short distance from each other, forming thereby a space between them.

In said space is a frame-work of wood, *c*, also indicated by the dotted lines in fig. 3, representing a top view of the drawer, whereby the two bottoms are braced and strengthened, thereby rendering the bottom of the box strong and durable for supporting the weight of the ice therein placed.

I are rollers secured to the bottom of the boxes, and on which they are drawn out for filling in the ice, or for other needful purposes.

J are guide-rollers, whereby the drawers are retained from rubbing against the sides of the case, so that they can be drawn out with greater ease and facility.

Meat-safes, as usually made, consist of a large box opening at the top, in the bottom of which is placed the ice, and upon this the meat for preservation. The objection to safes constructed in this way is that it is a matter of much labor to put ice therein, for the reason that it must all be lifted over the top, and in order that the ice shall be evenly laid upon the bottom, it requires a person to enter the safe for that purpose, which soils the ice, and often makes it unfit for the meat to be placed upon.

Also, in the old meat-safe, there are no facilities for cleaning out the waste and rubbish that may fall upon the bottom, such cleaning being usually by some one going into the safe, and throwing the dirt out over the top. It is also inconvenient to put the meat therein, or to remove the same therefrom, as it is necessary to reach over and down into the safe to obtain it.

All these of objections are removed by the peculiar construction and arrangement of my safe. The drawers or ice-boxes being separate from the case, allow of their being drawn out, and, as they are mounted upon rollers, it is easily done. They also being at the bottom near the floor, access is readily had to them for cleaning out the waste that may fall into them from the articles above, and for putting in fresh ice.

The meat put into the safe does not come in contact with the ice, but is laid above it on the racks or grates K, which may be drawn out from the case for the greater convenience of having access to the articles therein, or for placing them thereon.

As the inside of the safe, drawers, and grates are all made of sheet-metal, no bad odors can arise to taint the meat, hence it will at all times be kept fresh, clean, and free from all bad odors and easily accessible.

The drawers may be removed or dispensed with, and the meat hung upon hooks arranged around the walls of the safe.

I am well aware that sliding drawers provided with rollers are old, as also placing the ice at the bottom of refrigerators. These I do not claim; but

What I do claim, is—

The case A, with compartments C D separated by double sheet-metal walls B B, and provided with ice-drawers G H, having double bottoms *a b* and rollers I J, constructed and arranged as herein described.

J. J. DOEPKEN.

Witnesses:

J. H. BURRIDGE,

E. E. WAITE.