

N. J. Eaton,

Butter Mold.

No. 98938.

Patented Jan. 18. 1870.

Fig. 1.

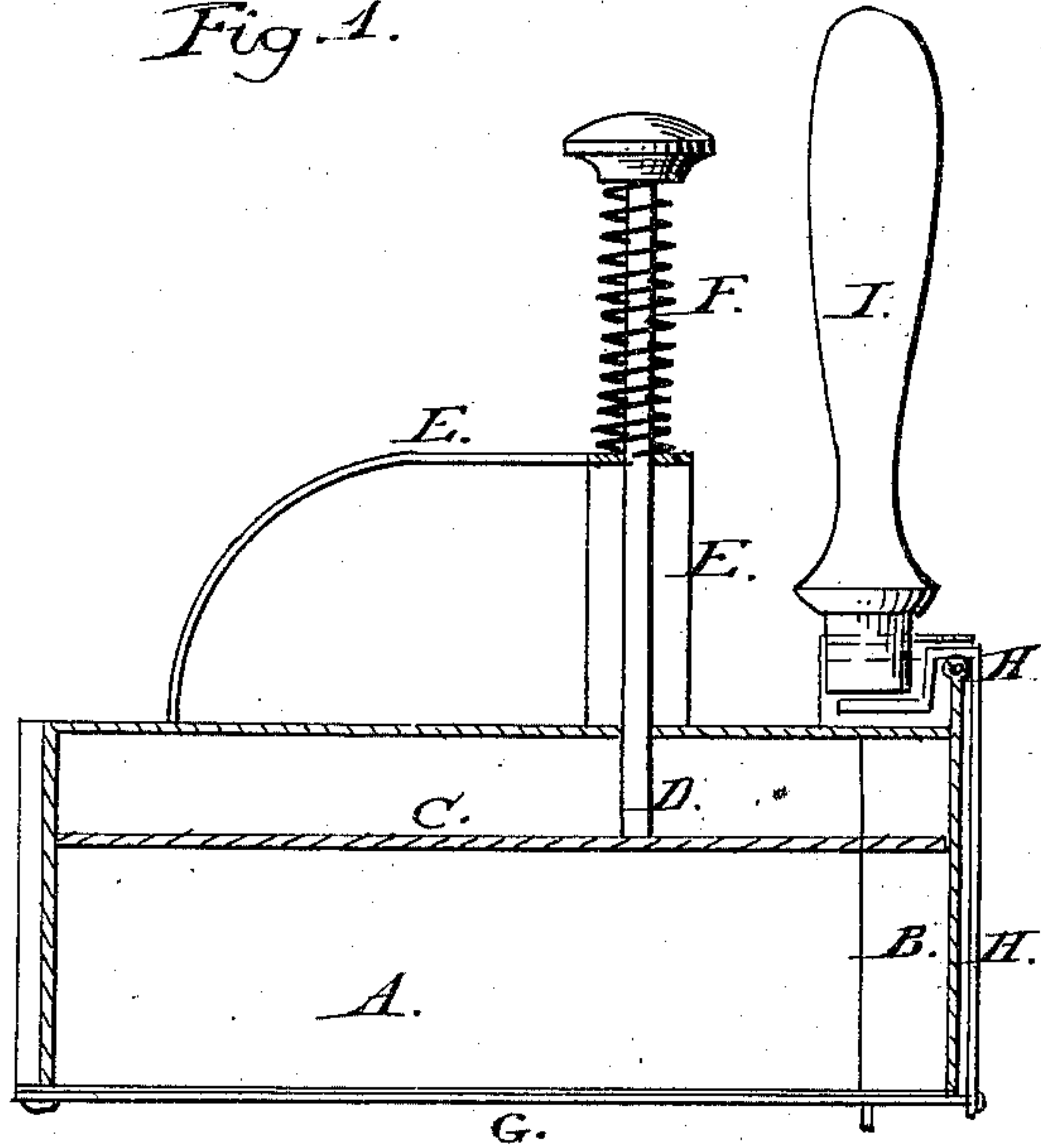
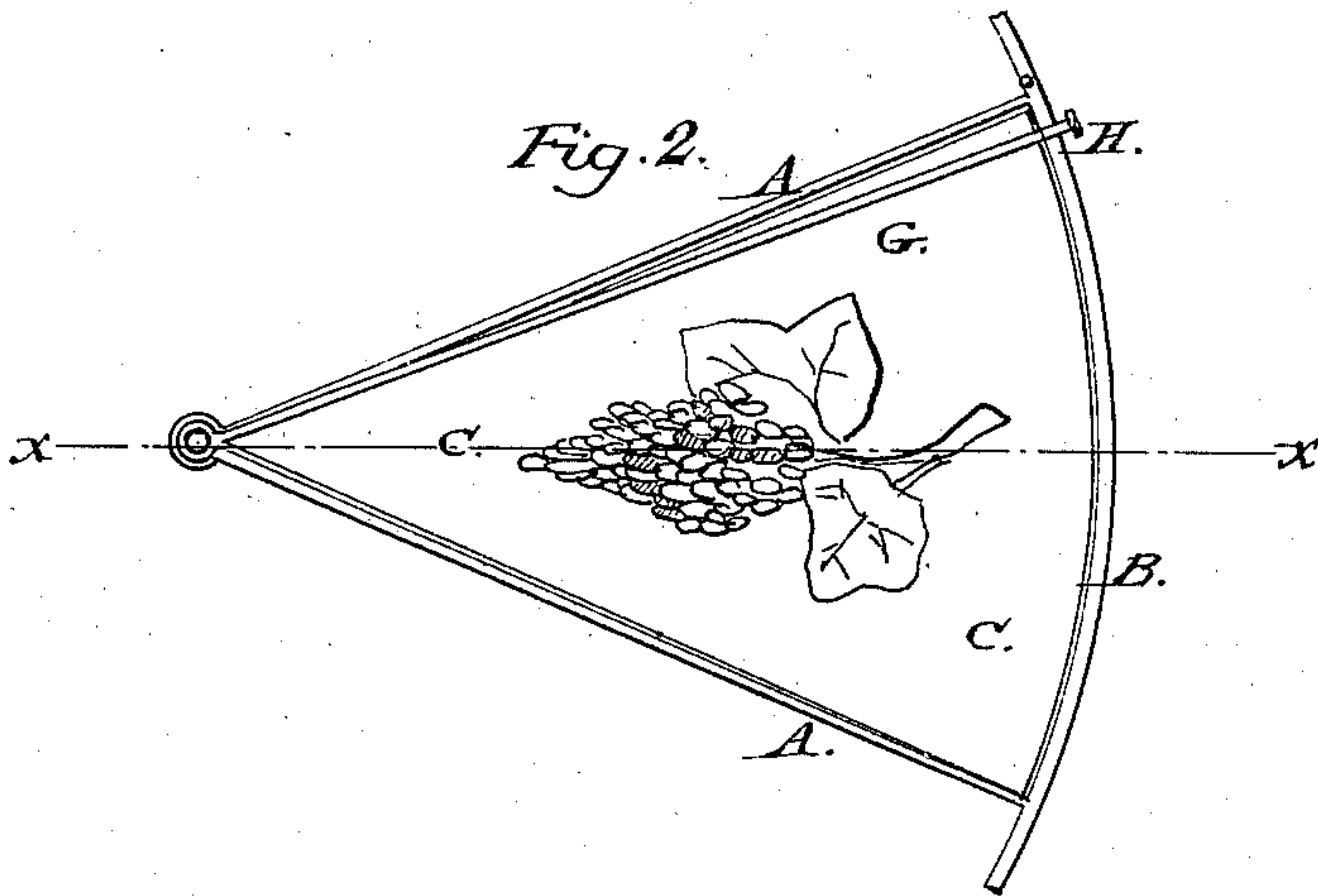


Fig. 2.



Witnesses:
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United States Patent Office.

N. J. EATON, OF MONTANA, IOWA.

Letters Patent No. 98,938, dated January 18, 1870.

IMPROVEMENT IN BUTTER-EXCAVATOR.

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, N. J. EATON, of Montana, in the county of Boone, and State of Iowa, have invented a new and useful Improvement in Butter-Excavator and Print; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

Figure 1 is a detail sectional view of my improved device.

Figure 2 is an under-side view of the same.

Similar letters of reference indicate corresponding parts.

My invention relates to butter-cutters, and consists in an article of sector-form, adapted to cut a section from a round mass, without leaving bits or ends behind.

A are the straight sides, and B is the curved side of a cup, made in the shape of a sector of a circle. The straight sides of the cup should be of about the length of the radii of the firkin, tub, or jar, in which the butter is packed, and the depth of the cup should be such that the cup may contain a piece of butter of suitable size and form for the table. The cup may be made of such a size as to contain exactly half a pound, or a pound, or any other determined quantity, as may be desired.

C is a plate, made of such a size as to fit into the cup A B. Upon the lower part of the plate C is formed a device to be imprinted upon the butter.

To the middle part of the plate C is attached a rod, D, extending up through the top of the cup A B, and through the handle E, attached to said top, and to its upper end is attached a knob, to serve as a handle in operating the plate C.

F is a wire spring coiled around the upper part of the rod D, one end of which rests against the knob of the rod D, and its other end against the handle E, so that the said spring may hold the said plate raised.

G is a wire, one end of which is pivoted to the cup A B at its angle, and its other end is attached to the lower end of the rod H.

The rod H extends up along the curved side B, and its upper end is bent to fit over the upwardly-projecting edge of the said curved side B, which serves as a guide to the said rod H in its movements. To the upper or free end of the rod H is attached a handle, I, for convenience in operating it.

In using the device, the cup A B is pressed down into the butter, when a smart blow or pressure upon the knob of the rod D, imprints the device upon the top of the piece of butter to be removed. The wire G is then moved across the bottom of the cup A B, separating the butter within the cup A B from that within the vessel, so that when the cup A B is raised, it may remove the said piece of butter with it.

The piece or cake of butter may be removed from the cup A B by pressing down upon the knob of the rod D, holding the plate C upon the top of the said butter, while the said cup A B is raised by means of the handle E, leaving the piece of butter upon a plate or other dish.

I am aware that there are in use, cylindrical cutters to enclose a piece of butter, while a piston descends and prints the same, and that they are also provided with four cutters at the bottom; but this is not adapted to cut masses of butter of any shape, without leaving odd bits and uncouth shapes behind.

What, therefore, I esteem to be my invention, and desire to protect by Letters Patent, is—

A butter-cutter, whose form is the sector of a circle, and thereby adapted to eliminate a proportional part of a cylindrical mass, in the manner described.

N. J. EATON.

Witnesses:

J. A. EATON,
A. K. WELLES.