

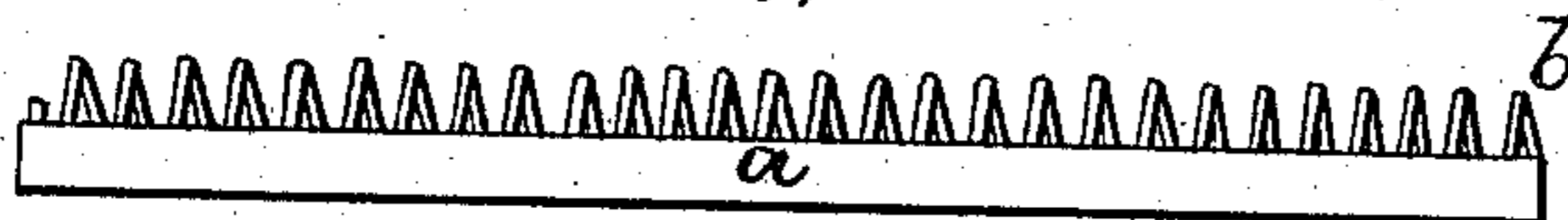
*E. A. Sawyer*

*Dish Drainer*

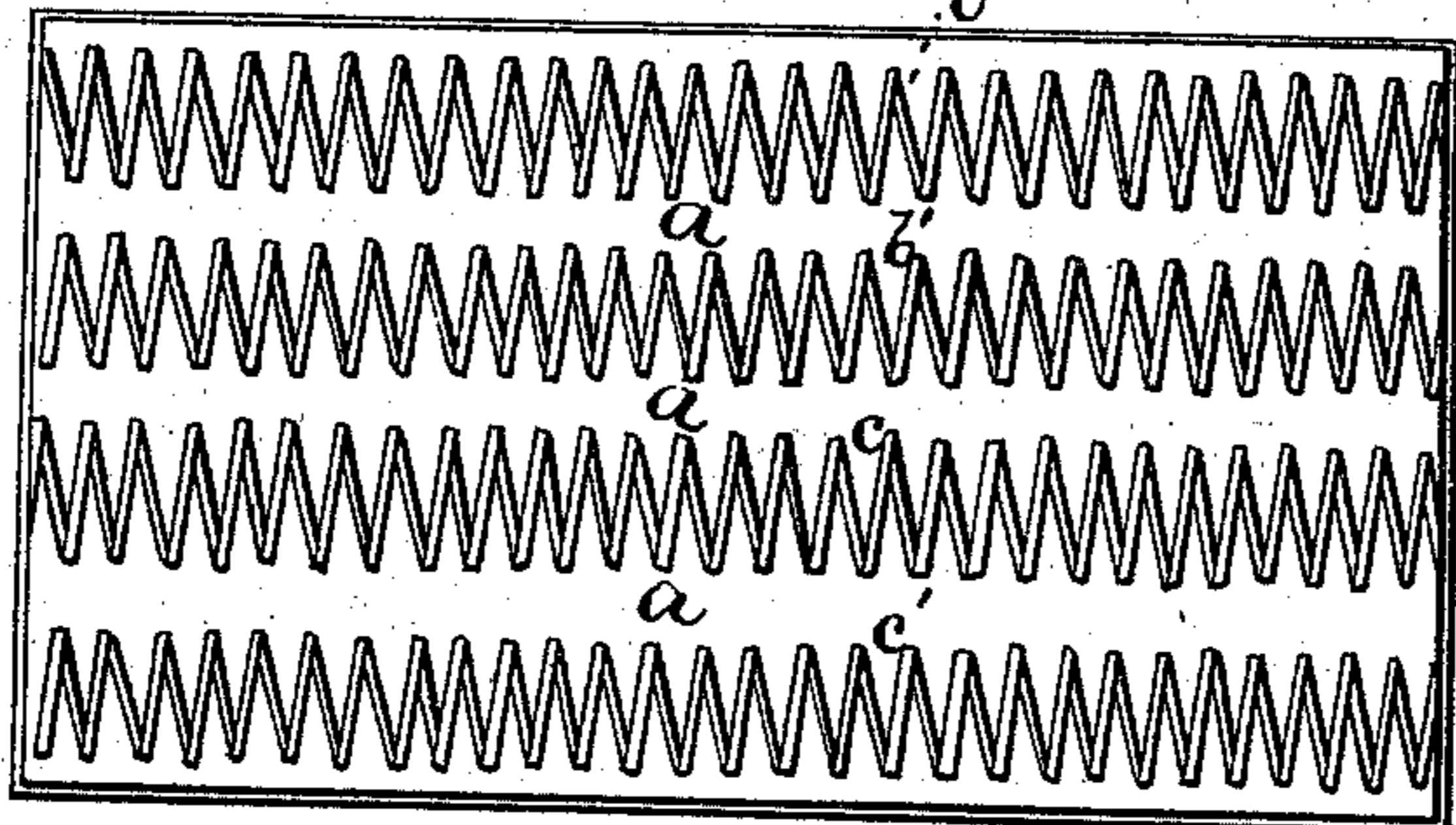
*N<sup>o</sup> 83,413.*

*Patented Oct. 27, 1868.*

*Fig; 1.*



*Fig; 2.*



*Witnesses;*

*Wm. Frank Leavelle*

*Henry C. Corvaton.*

*Inventor;*

*E. A. Sawyer*

*Per Wm. Clifford Atty.*

# United States Patent Office.

E. A. SAWYER, OF PORTLAND, MAINE.

Letters Patent No. 83,413, dated October 27. 1868.

## IMPROVED DISH-RACK

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, E. A. SAWYER, of Portland, in the county of Cumberland, and State of Maine, have invented a new and useful Improved Dish-Rack; and I hereby declare the following to be a full, clear, and exact description thereof, which will enable others to make and use my invention, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 shows a side elevation of my invention.

Figure 2 is a top plan of same.

The purpose of my invention is to produce a rack for holding plates and dishes, for various purposes, such as drying, and warming for use on the table.

I am aware that various patents have been granted upon devices for this purpose, and, disclaiming previous patents, I will proceed to describe my invention, as follows:

My invention consists of a pan or dish, flat on the bottom, somewhat shallow, with sides and ends sufficiently raised, so that the dish may contain any drippings from the plates or other articles that are placed therein while wet. On the inside of the bottom of this pan I place horizontal coils of wire, secured to the bottom by soldering, or any other convenient method. These extend the length of the pan, from one end to the other, and are arranged in horizontal parallel pairs, two parallel coils being necessary to sustain the plates. These coils are placed sufficiently far apart to allow the curved edge of the plate to pass down between them somewhat, the plate standing edgewise in the helices,

and being placed between the separate coils of the wire forming each helix. Thus the plate is prevented from rolling on its edge by the coil of the wire, and falling on either face by the separate rings of the coils. As many plates can be placed in a pair of these coils as there are spaces between the rings, depending, of course, upon the length of the coil.

This article will be found quite convenient when plates are to be warmed, for use on the table, for placing them away when not required for use, or for carrying them from room to room.

*a* shows the dish or pan.

*b b' c c'* illustrate the rows of coils.

I do not claim a spring-rack, made self-connecting, having a bed and fastening-rod, the wire being attached to a bed-plate, to be secured to any article. My invention is for the combination of the spiral wires with a dish, to hold and drain plates, and requires two rows of the spirals to sustain the plates, the spirals being permanently fixed in the dish. I do not claim the spirals or the dish.

What I claim as my invention, and desire to secure by Letters Patent, is—

The dish-rack, as described, having the pan or base *a*, with the horizontal parallel pairs of helices, all combined and arranged as and for the purposes set forth.

E. A. SAWYER.

Witnesses:

WM. H. CLIFFORD,  
HENRY C. HOUSTON.