

(No Model.)

E. C. WESTERVELT.

WOODEN PLATE.

No. 284,347.

Patented Sept. 4, 1883.

Fig. 1

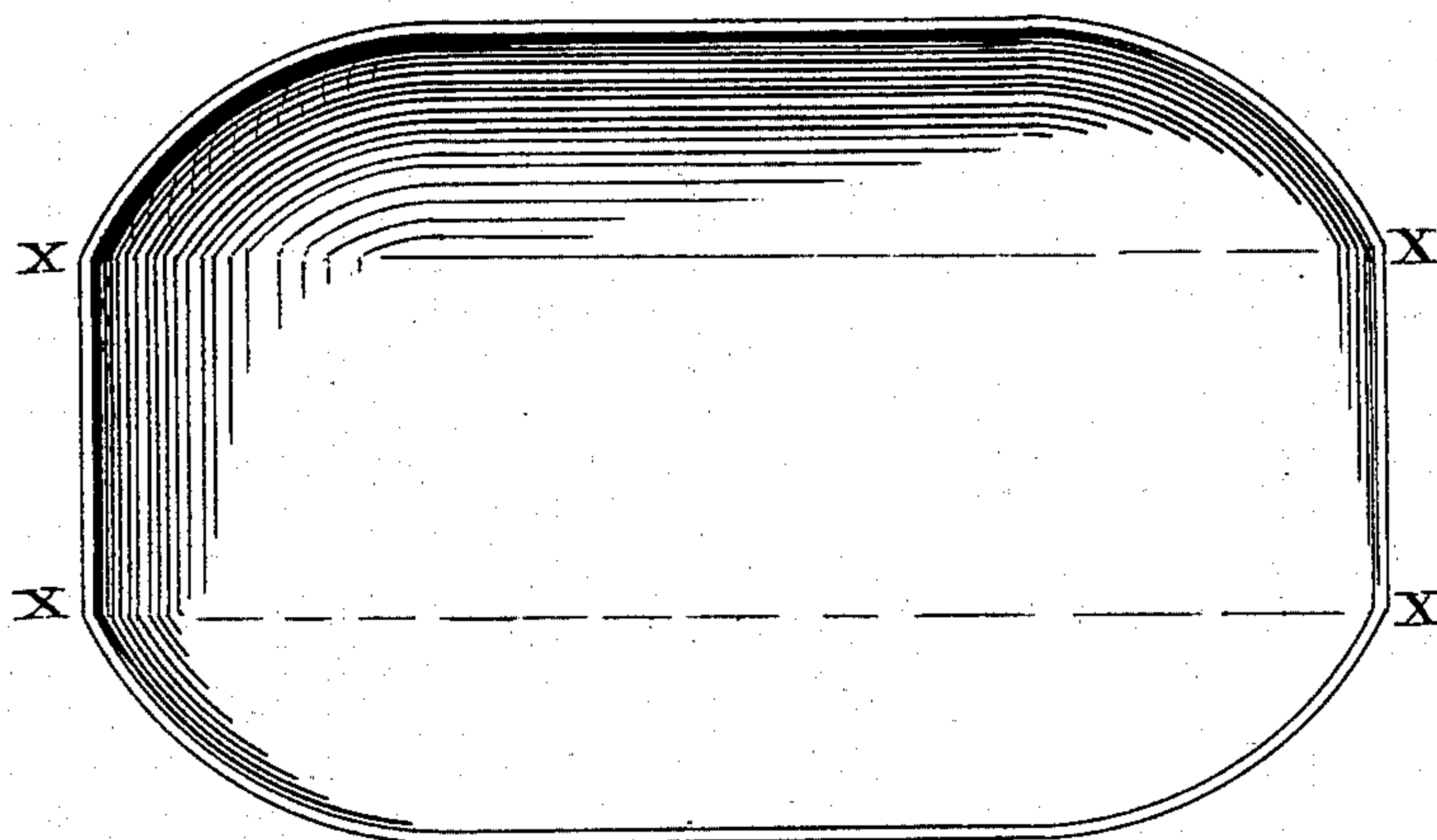


Fig. 2

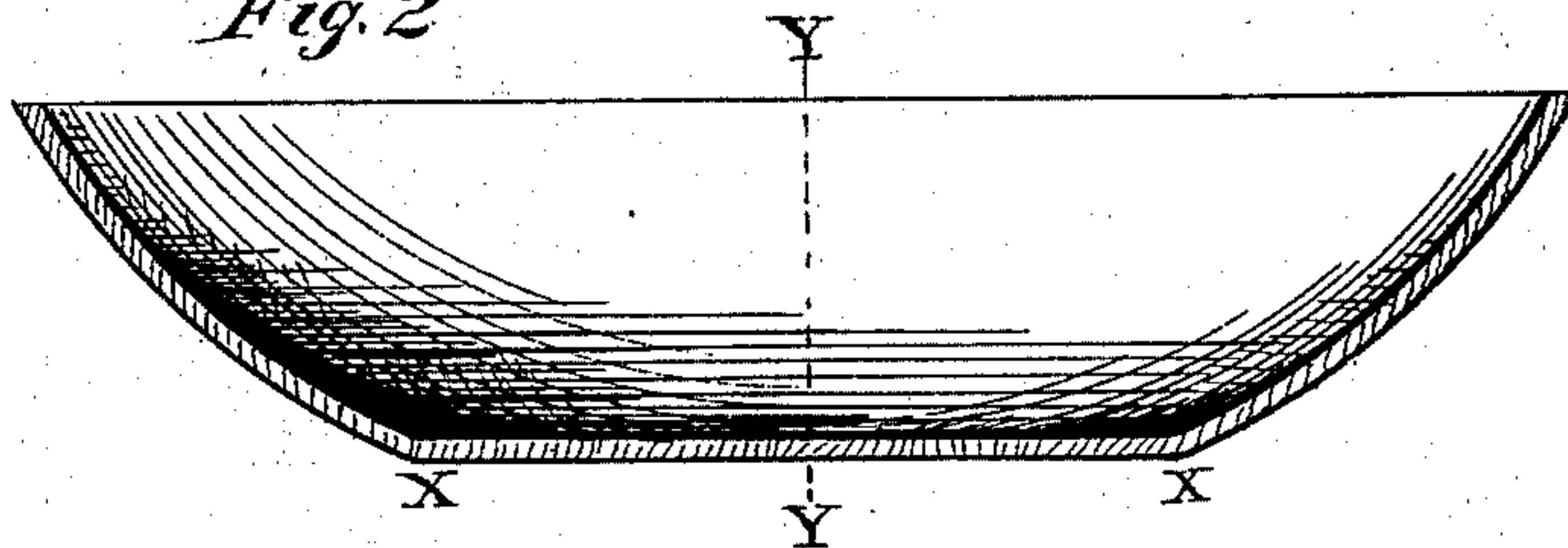
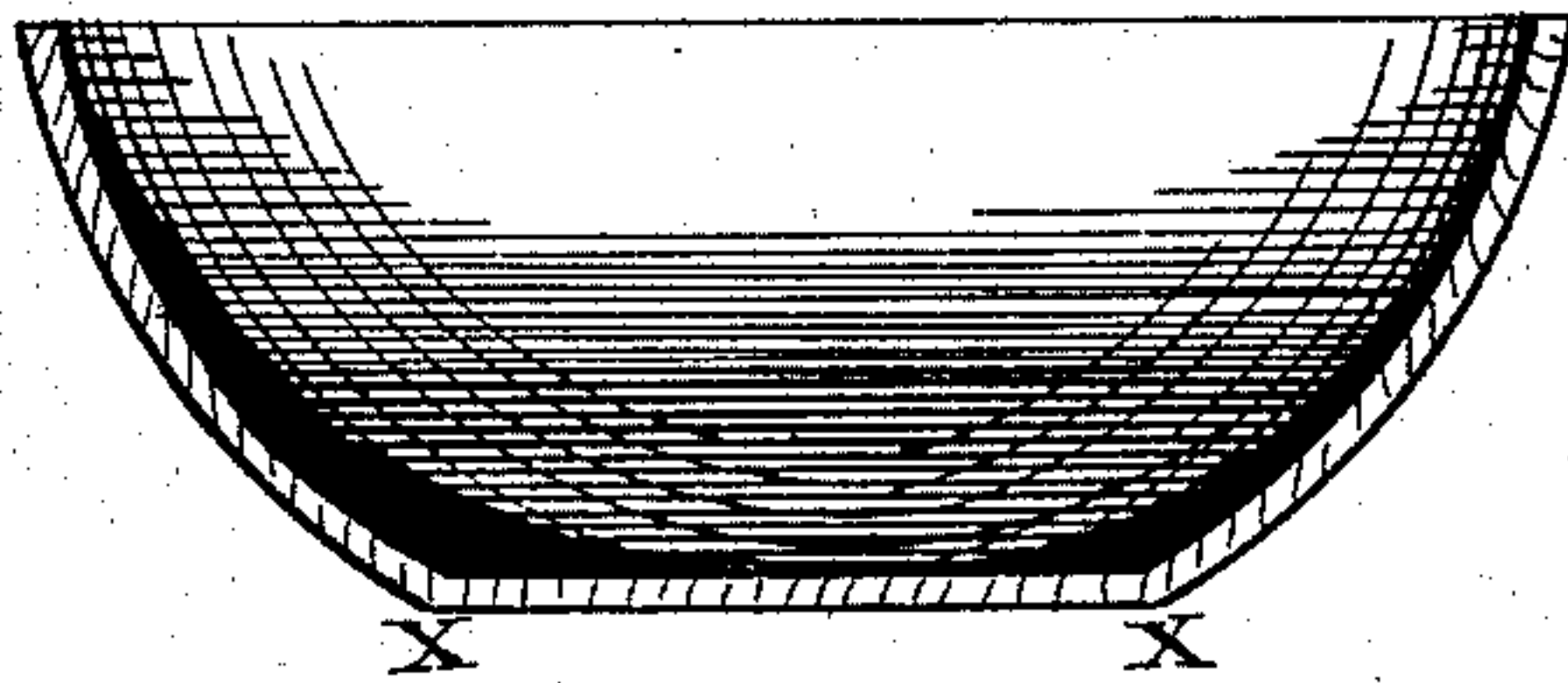


Fig. 3



WITNESSES

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EDMUND C. WESTERVELT, OF SOUTH BEND, INDIANA.

WOODEN PLATE.

SPECIFICATION forming part of Letters Patent No. 284,347, dated September 4, 1883.

Application filed June 21, 1883. (No model.)

To all whom it may concern:

Be it known that I, EDMUND C. WESTERVELT, a citizen of the United States, residing at South Bend, in the county of St. Joseph and State of Indiana, have invented a new and useful Improvement in Wooden Plates, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to plates or dishes for butter, berries, and for other purposes; and it consists of a dish having curved sides and flat bottom, the same being cut or scooped in a single piece from the face of a block of wood, as will be hereinafter fully described.

In the drawings hereto annexed, Figure 1 is a view of my improved plate complete. Fig. 2 is a side view of same, showing flat bottom *x x*. Fig. 3 is an end view of plate cut into at *y y*.

The same letters refer to same parts in all figures.

I do not broadly claim a plate or dish cut or scooped in concavo-convex form from a block of wood. My improved plate has a flat, nearly straight, form at the bottom of the plate or dish, making a new and improved article of manufacture, which is much better than the old round bottom, as the dish having a flat bottom rests firmly on its base, and is not easily overturned, and when filled with butter or lard is weighed more easily, as the flat bottom rests with firmness on the scales. A dish with round bottom does not sit firmly on scale or counter, and a slight touch will tip it over.

My improved plates are made of wood in a single piece by cutting them from the face of a block of wood across the grain of the latter. The block of wood is held firmly in a frame or box, while the plate is cut or scooped from its

face with a knife having curved ends and straight center. Said knife is secured to a shaft, which shaft is made to rotate, and by rotating the journals of said shaft in a properly-formed groove or cam the knife will be made to enter the wood on a curve, and when it has advanced sufficiently to cut the curved side of the dish the cam will cause the journals, and consequently the shaft, with knife attached, to leave the line of a true circle and make a straight cut across the bottom of the dish, when it will then finish the outer cut, following a circular line, thus forming a dish having a flat bottom and curved sides.

Of course it will be seen that by having the shaft on which the knife is secured controlled in its relative positions to the face of the block by means of a cam or other automatic arrangement the knife may be made to cut many different forms. I do not desire to confine myself to the cam motion, as there are several ways of giving the above-described motion to the knife, and so of producing the same result.

Having described my invention, I claim and desire to secure by Letters Patent of the United States—

A plate or dish consisting of a veneer cut or scooped from a block of wood, said plate or dish having a flat bottom and curved sides and ends, substantially as set forth, as an article of manufacture.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

EDMUND C. WESTERVELT.

Attest—

WILLIS A. BUGBEE,
WILLIAM L. KIZER.