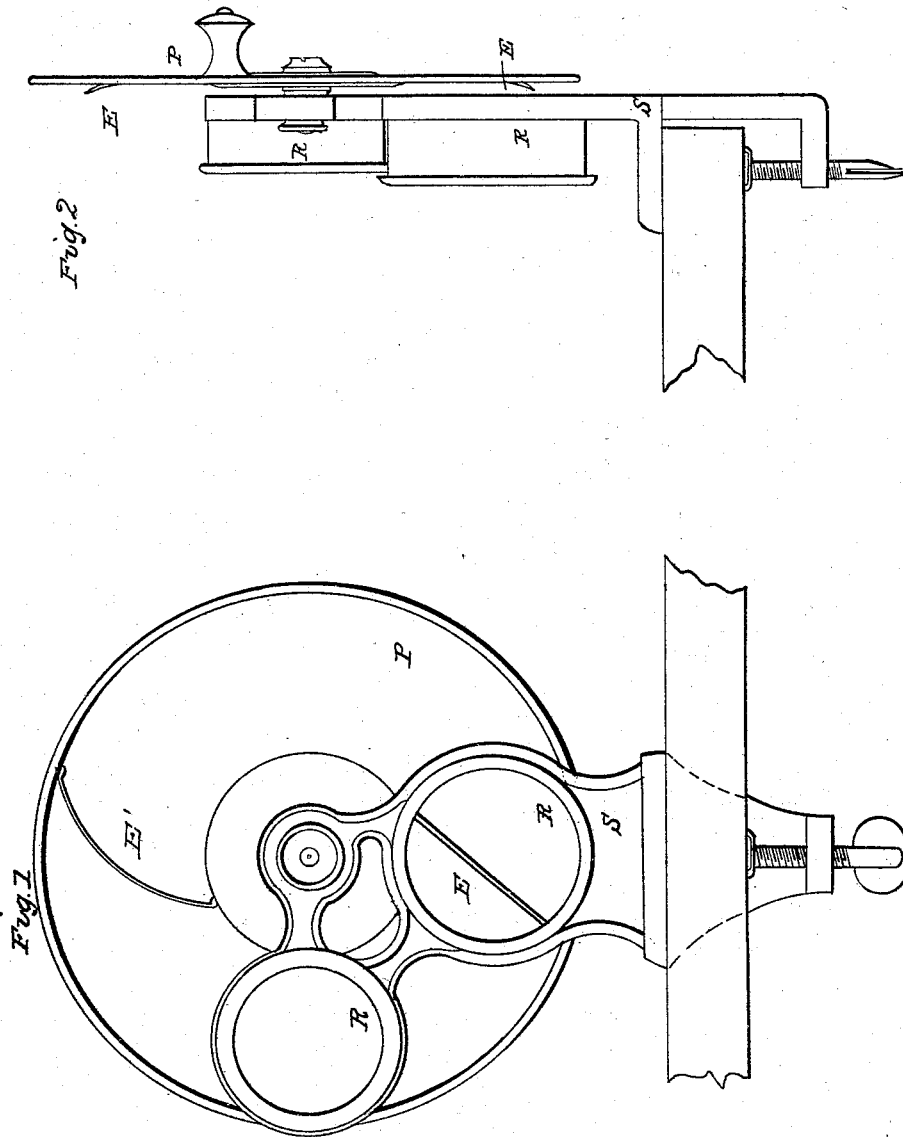


J. C. PLUMER.

Vegetable Slicer.

No. 54,949.

Patented May 22, 1866.



WITNESSES
Levitt & Son
William H. Clifford

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UNITED STATES PATENT OFFICE.

J. C. PLUMER, OF BOSTON, MASSACHUSETTS.

IMPROVED VEGETABLE-SLICER.

Specification forming part of Letters Patent No. 54,949, dated May 22, 1866.

To all whom it may concern:

Be it known that I, J. C. PLUMER, of Boston, in the Commonwealth of Massachusetts, have invented a new and Improved Vegetable-Slicer; 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 made to the accompanying drawings, forming part of this specification, in which—

Figures 1 and 2 represent different views of my improved vegetable-slicer.

S shows the support with the receptacles R R; P, the plate with E E, the cutting-edges.

The object of my invention is to produce a compact and convenient machine for slicing vegetables, such as apples, potatoes, &c., into slices of uniform thickness, suitable for drying or cooking and other similar purposes.

My invention consists of a plate, of metal or other suitable substance, provided with cutting-edges so arranged in reference to it and a receptacle as to remove, when the plate is moved, slices of a uniform thickness from the substance placed within the receptacle.

It further consists in making the plate P of flexible sheet metal, with the slicing-edges of the same piece and continuous therewith, so that they will admit of temporary adjustment inward or outward by pressure upon them, so as to vary the thickness of the slices taken from the substance operated upon.

It further consists in making the cutting-edges in a curved form and in so placing them in reference to the edge of the plate as to bring them in contact with the vegetable to be cut at an angle, so that they operate with a cleaving-stroke, similar to that of a saw, and require less power than a direct cutting or chopping stroke.

It consists, further, in a support or stationary part provided with a receptacle to contain the substance to be cut, and in its attachment with the plate in such a manner as to admit of a variation of the distance between them, so as, in combination with the adjustment of the knives, to vary the thickness of the slices.

My invention may be constructed in the following manner, viz: by uniting a support of wood or metal, as shown at S, with a plate, P, provided with the slicing-edges E E, these two portions being screwed, riveted, or fastened together by any suitable mechanical means, the plate being so arranged in reference to the support that the distance between them may be varied by set-screws or the introduction of some medium between them, or by other similar means.

I am aware that machines have been made for chopping vegetables, such as turnips, pumpkins, &c., for cattle-feed; but in these the device, purposes, and effects are dissimilar from mine in the following particulars, viz: The cutting-edges are so constructed as not to admit of removing slices of uniform thickness nor to admit of intended variation in the thickness of the same.

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

The disk P, with the raised cutting-edges E E, as described, in connection with the support S and receptacle R, all substantially as and for the purpose specified.

J. C. PLUMER.

Witnesses:

WILLIAM H. CLIFFORD,
GEORGE F. CLIFFORD.