

**No. 648,965.**

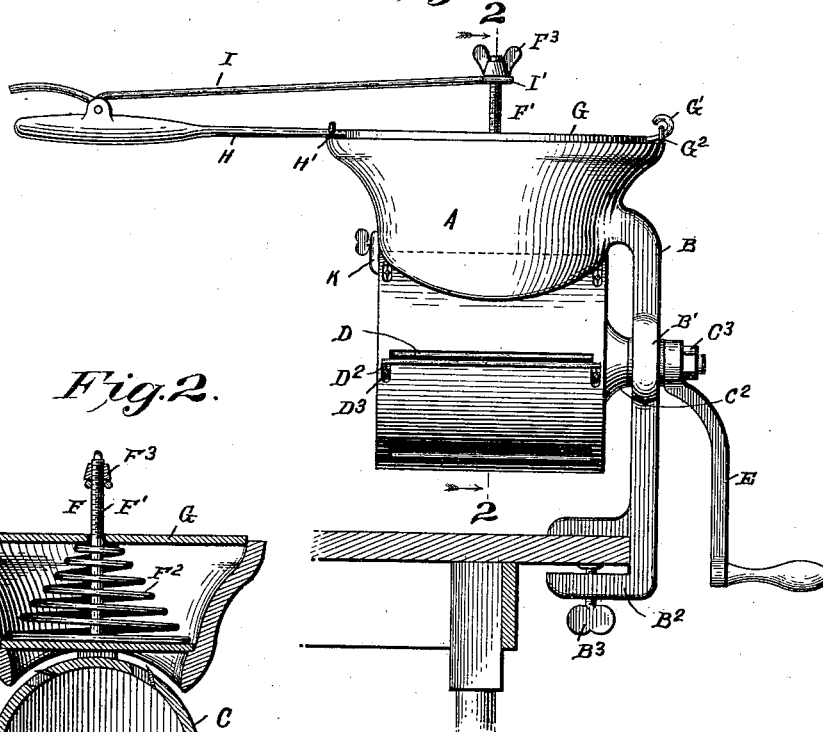
**Patented May 8, 1900.**

**A. J. C. LANGLOTZ.**  
**VEGETABLE CUTTER.**

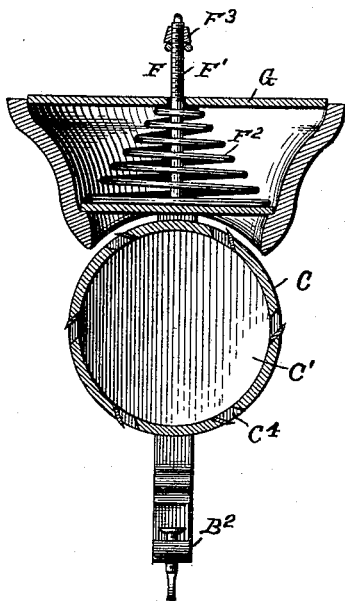
(Application filed Sept. 24, 1898.)

(No Model.)

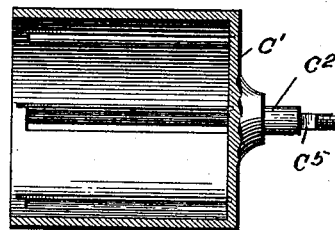
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Fig. 4*



Fig. 5.



Witnesses

Emu Leavy  
Chas. E. Brock

Inventor

Albert J. C. Langlotz,  
By Pinard & Co. Attorneys

# UNITED STATES PATENT OFFICE.

ALBERT JOHN CEBEASTIAN LANGLOTZ, OF BURTON, ILLINOIS.

## VEGETABLE-CUTTER.

SPECIFICATION forming part of Letters Patent No. 648,965, dated May 8, 1900.

Application filed September 24, 1898. Serial No. 691,795. (No model.)

*To all whom it may concern:*

Be it known that I, ALBERT JOHN CEBEASTIAN LANGLOTZ, a citizen of the United States, residing at Burton, in the county of Adams and State of Illinois, have invented a new and useful Vegetable Cutter or Grater, of which the following is a specification.

This invention relates generally to vegetable cutters or graters, and more particularly to one intended for cutting cabbage for making kraut.

The object of the invention is to provide an exceedingly cheap and simple appliance consisting of very few parts which can be easily taken apart for cleaning whenever desired.

The invention consists also in the peculiar construction of the several parts and the novel combination and arrangement of the same, all of which will be fully described hereinafter and particularly pointed out in the appended claims.

In the drawings forming part of this specification, Figure 1 is a side elevation of my improved vegetable-cutter. Fig. 2 is a section on the line 2 2 of Fig. 1. Fig. 3 is a longitudinal section of the cylinder. Fig. 4 is a detail perspective view of the knife or blade. Fig. 5 is a detail view of the ear for securing the handle.

In constructing a vegetable cutter or grater in accordance with my invention I employ a hopper A, preferably of cast metal and having a bracket-standard B integral therewith, said standard having a bearing B' about midway its height, the rear end of said standard being formed into a clamp B<sup>2</sup>, adapted to be fastened upon a table or other object by means of a thumb-screw B<sup>3</sup>. The hopper is open at its lower end and is curved transversely to permit the rotation of the cutting or grating cylinder C, which may be formed of wood or metal, as desired, and having a solid head C', from which projects the stub-axle C<sup>2</sup>, journaled in the bearing B' and securely held in place by means of the nut C<sup>3</sup>. The cylinder is slotted longitudinally at C<sup>4</sup> in order to receive the cutting blades or knives D, which are secured by means of screws D<sup>2</sup>, passing through the slotted ends D' of the blade, the cylinder having notches D<sup>3</sup> at each end of the longitudinal slot in order to permit the ma-

nipulation of the screws D<sup>2</sup>, whereby the cutting edge of the blade is moved in or out, as required. The cylinder is rotated by means of a crank-handle E; but it will of course be understood that a drive wheel or pulley can be mounted upon the axle, if so desired. The material to be sliced or grated is placed within the hopper and held down during the rotation of the cylinder, and in order to so hold the material to be grated I employ a follower F, having a bolt F' extending upwardly therefrom and attached to said follower, and surrounding the bolt is a spring F<sup>2</sup>, the upper end of said spring being fastened to a plate G, through which the upper end of the bolt passes, the extreme end of said bolt having a winged nut F<sup>3</sup>, the purpose of which will appear farther on. The plate G is substantially the same size as the top of the hopper and at one end is provided with a hook G', adapted to engage an ear G<sup>2</sup>, formed upon the top of the hopper, and at the other side of the plate projects a handle H, which is also adapted to be forced under an ear H' upon the opposite side of the hopper.

A lever-rod I is pivoted to the handle and has the end of its long arm formed with an eye I', which fits around the top of the bolt F' and beneath the winged nut. A supporting-hook K is fastened to one side of the hopper directly opposite the point of attachment of the standard, the purpose of said hook being to support the open end of the cylinder during its rotation. The object of the spring F<sup>2</sup> is to force the follower down, and the spring is compressed by means of the plate which is fastened to the top of the hopper, and the object of the lever is to throw the bolt to one side or the other in order to hold the plate and follower in their proper positions after the plate and follower are removed from the hopper.

It will thus be seen that I provide an exceedingly cheap and simple construction of vegetable cutter or grater, and one which will successfully perform all of the objects for which it is intended.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. In a vegetable cutter or grater, the combination with the hopper, of a follower ar-

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 ranged therein, a bolt attached to said follower, a spring surrounding said bolt, a plate through which the bolt passes, said plate having a hook at one side and a handle at the opposite side, the ears connected with the top of the hopper, and adjusting-lever and thumb-nut, all arranged and adapted to operate substantially as shown and described.

10 2. In a vegetable cutter or grater, the combination with the hopper, of a follower arranged therein, a bolt attached to the follower, a spring surrounding said bolt and secured at the top to a plate seated in said hopper, said plate having a hook at one end and  
 15 a handle at the opposite end, adapted to engage suitable securing devices in the hopper, an adjusting-lever pivotally connected to the handle intermediate of its ends and adapted to operate the follower as set forth.

20 3. A vegetable cutter or grater, comprising a hopper having a standard formed integral therewith, said standard having a central bearing and an end clamp the rotary cylinder having a stub-axle and crank-handle to

rotate the same, a spring-actuated follower positioned in the hopper, an upwardly-projecting bolt extending through the central opening in the plate G, a handle extending from the side of said plate, and a releasing-lever pivotally connected to said handle, substantially as described.

4. In a vegetable cutter or grater, the combination with the hopper, having oppositely-disposed ears, of a spring-pressed follower arranged therein, an upwardly-projecting rod or bolt concentrically arranged on said follower, a cover for the hopper adapted to engage said ears, a handle projecting from one side of said cover, and a lever pivotally connected to the handle and connected to the upwardly-projecting bolt to operate the follower, substantially as described.

ALBERT JOHN CEBEASTIAN LANGLOTZ.

Witnesses:

PETER SENNER,

RUDOLF LANGLOTZ.