(No Model.)

J. H. FRAUMANN.

VEGETABLE CUTTER.

No. 336,909. Patented Mar. 2, 1886.

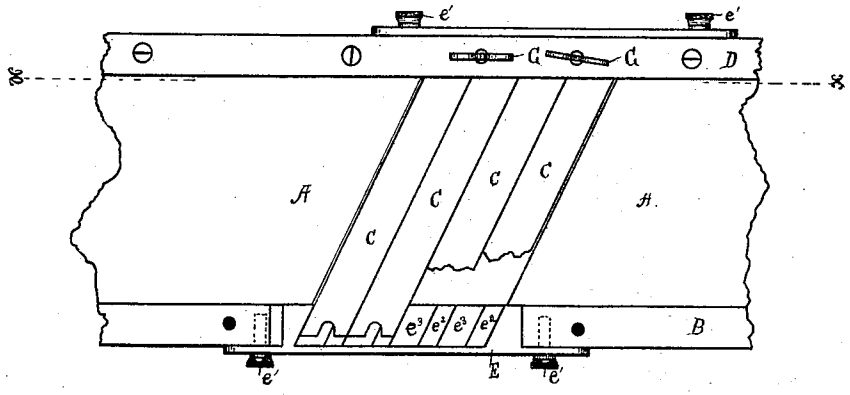


Fig 1—

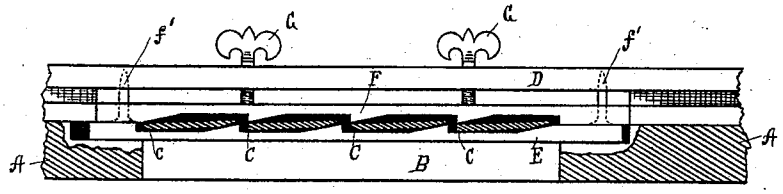


Fig 2—

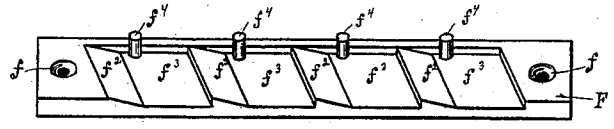


Fig 3—

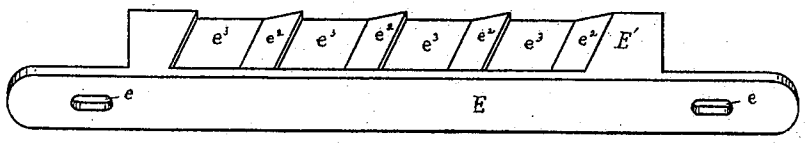


Fig 4—

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UNITED STATES PATENT OFFICE.

JOHN H. FRAUMANN, OF CINCINNATI, OHIO, ASSIGNOR OF ONE-HALF TO ANDREW P. DUMLER, OF SAME PLACE.

VEGETABLE-CUTTER.

SPECIFICATION forming part of Letters Patent No. 336,909, dated March 2, 1886.

Application filed July 27, 1885. Serial No. 172,824. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. FRAUMANN, a citizen of the United States, and a resident of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Vegetable-Cutters, of which the following is a specification.

My invention is an improved vegetable-cutter. Its object is a convenient means to regulate and set the cutting-knives at different angles, so as to leave a narrow or open throat, as desired, for fine or coarse cutting.

The invention consists in plates for setting the knives, arranged one above the other and having opposite inclines upon them, one plate being adjustable longitudinally and the other vertically, for the purpose of changing the angle of the knives and firmly securing them in position.

In the accompanying drawings, in which like parts are indicated by similar reference-letters wherever they occur throughout the views, Figure 1 is a plan view of the central portion of a vegetable-cutter provided with my improvements, the upper plate upon one side being removed to expose the knives resting upon the lower plate. Two of the knives are broken away, showing the plate beneath. Fig. 2 is a longitudinal vertical section of the same, taken through line *x x* of Fig. 1. The upper inner corners of the boards A are broken away to expose the parts back of them. Fig. 3 is an inverted perspective view of the upper plate detached from its frame. Fig. 4 is a perspective view of the lower plate.

The frame of the cutter consists, as usual, of two boards, A, secured together by edge strips B, one on each side, leaving an open space below the knives C. Secured on top of the edge strips B are strips D, which are longitudinally grooved on the inside in the usual manner, to receive and guide the customary box which is used when cutting cabbage, &c. The strips B and D are recessed to receive the plates between which the knives C are clamped. The lower plate, E, has a flange, which rests upon the outside of the strip B, and has longitudinal slots *e*, through which pass set-screws *e'*. The recess in the strip is longer than the web E', to permit the casting to play longitudinally. The set-screws *e'* are for the purpose of retaining the casting E in the desired position. The plate F, Fig. 3, which is recessed into the strip D, has perforations *f* in each end to receive the screws *f'*, which pass through these perforations and into the upper wall of the recess in the strip D. The casting F has vertical play on these screws, the heads of which are countersunk in the under side of the casting. The webs of the castings E and F have inclines e^2 and f^2 upon their adjacent faces, which project from the straight portion e^3 and f^3 of the webs, and the piece F has also projecting down from it pins f^4, to pass into notches in the ends of the blades C, for the purpose of preventing their movement longitudinally with the frame of the device. The space between the plates E and F, formed by the inclines and recesses, serves to receive the ends of the cutting-blades C. The beveled lower edges of the blades rest upon the inclines e^2 of the lower plate in the position shown in Fig. 2. These blades are nearly in a horizontal plane, leaving but a small throat between the rear edge of one blade and the cutting-edge of the blade back of it. This is the position the blades occupy when it is desired to cut slaw very fine or slice vegetables or fruit in very thin pieces. The edges of the blades are thrown up to any position desired by loosening the set-screws *e'* and moving the casting E in the direction of the rear or away from the cutting-edge of the blades. It is necessary, of course, in making this change, to loosen the set-screws G, which pass through the upper strip, D, and bear upon the top of the casting F. After the lower plates, E, have been moved back to elevate the edges of the blades to the desired angle, the set-screws *e'* and G are tightened, and the blades thus held firmly in place.

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

1. In combination with the frame of a vegetable-cutter, the two plates E and F, having inclines e^2 and f^2, one of said plates being longitudinally and the other vertically adjustable in the frame, and the plate F having pins or projections to enter corresponding depressions in the blades C, with the set-screws G and *e'*, to hold the blades and lower plate in position.

2. The combination, substantially as specified, of the frame A B D, the parts B D being recessed, as shown, with the knives arranged diagonally in said frame and having their ends notched, with the plate E, having inclines e^2 and intervening spaces e^3, the said plates being longitudinally adjustable within the frame, and the plate F, having inclines f^2, intervening spaces f^3, pins f^4, and screws f', said plate F being vertically adjustable with relation to plate E, and the set-screws G, to hold the knives C firmly between the plates E and F, substantially as set forth.

JOHN H. FRAUMANN.

Witnesses:
ANDREW P. DUMLER,
GEO. J. MURRAY.