(No Model.)

R. L. DORSEY.

KRAUT CUTTER.

No. 503,697. Patented Aug. 22, 1893.

Fig. 1.

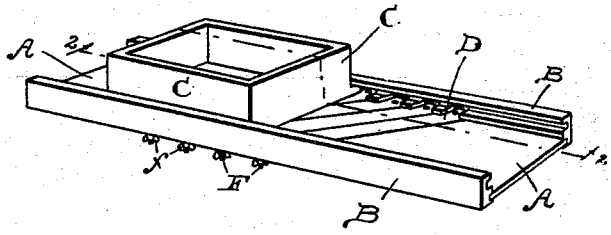

Fig. 2.

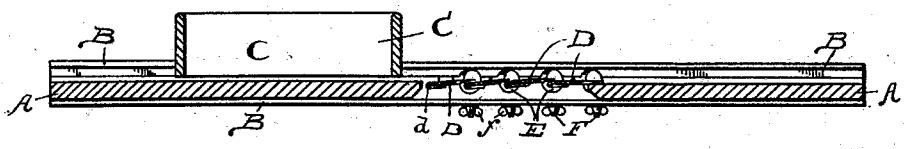

Fig. 3.

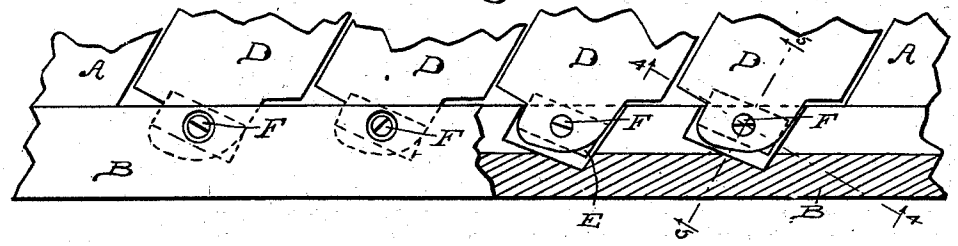

Fig. 4.

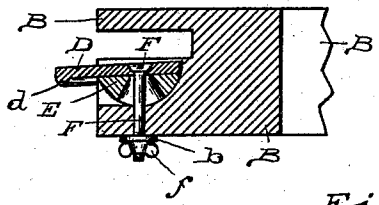

Fig. 5.

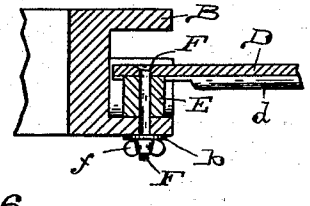

Fig. 6.

WITNESSES:

F. W. Warner.

J. A. Walsh.

INVENTOR

Robert L. Dorsey,

per Chester D. Bradford,

ATTORNEY.

UNITED STATES PATENT OFFICE.

ROBERT L. DORSEY, OF INDIANAPOLIS, INDIANA, ASSIGNOR TO THE TUCKER & DORSEY MANUFACTURING COMPANY, OF SAME PLACE.

KRAUT-CUTTER.

SPECIFICATION forming part of Letters Patent No. 503,697, dated August 22, 1893.

Application filed January 24, 1893. Serial No. 459,528. (No model.)

To all whom it may concern:

Be it known that I, ROBERT L. DORSEY, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Kraut-Cutters, of which the following is a specification.

The principal object of my invention is to provide a means whereby the knives of vegetable cutters, more especially that sort known as "kraut cutters," may be rendered adjustable, and thus adapted to be set to cut slices or parts of varying thickness.

It principally consists in a rocker-like form of bearings upon which the knives are mounted; and it further consists in details of construction and arrangements of parts, as will be hereinafter more particularly described and claimed.

Referring to the accompanying drawings, which are made a part hereof, and in which similar letters of reference indicate similar parts, Figure 1 is a perspective view of a kraut cutter embodying my said invention; Fig. 2 a longitudinal sectional view of the same; Fig. 3 a detail or fragmentary view, partly in top plan and partly in section, on an enlarged scale; Fig. 4 a detail sectional view, on a still further enlarged scale, through the frame, knife bearing and an end of a knife, on the dotted line 4 4 in Fig. 3; Fig. 5 a similar view, on the dotted line 5 5 in Fig. 3, and Fig. 6 a perspective view of one of the rocker-shaped bearings.

In said drawings the portions marked A represent the base or bottom board of the machine; B the side pieces thereto; C the box which, in operation, contains the vegetables to be cut; D the cutting knives; E the rocker-shaped bearings upon which said knives are mounted, and F bolts by which the knives and bearings are secured in place.

As above stated, this machine in its general form is similar in most respects to those already well known; and the operation is, the knives being set at the desired inclination, the vegetables to be cut are placed in the box, which runs in ways in the side-pieces, and is thus passed back and forth over said knives until cut or sliced ready for use.

The knives D, instead of being secured directly to the frame-work as is usual, are mounted upon the rocker-shaped bearings E. They extend across the machine, as is usual, and as shown, and are provided with strengthening ribs *d* at or near the rear sides, the front edges being tapered to a sharp edge. Said knives are capable of being removed at pleasure for sharpening or otherwise, and replaced, as desired, without dismembering the structure of the implement.

The rocker-shaped bearings E are mounted in corresponding recesses in the side-pieces B, and may be shifted in said recesses to any desired extent, as will be clearly understood by an examination of the drawings, particularly Fig. 4. As also shown in said figure, these bearings are slotted centrally to receive the attaching bolt, and are thus adapted to be moved as desired without moving said bolt.

The bolts F are preferably ordinary stove bolts, and pass through the ends of the knives, the rocker-shaped bearing-pieces and that portion of the side pieces B below them, and upon the outer end are provided with washers *b* and wing-nuts *f*, as shown.

The operation is, when it is desired to adjust the knives, that the wing-nuts are loosened, the rocker-shaped bearings shifted upon their seats and adjusted to the desired position, and the wing-nuts are again tightened, when the machine is again in position for use. By means of my invention an extremely simple and thoroughly durable means of adjustment is provided, and which can be easily and quickly manipulated.

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

1. The combination, in a vegetable cutter, of the frame-work, the cutting knives, rocker-shaped bearing pieces seated in the frame-work upon which the knives are secured, and bolts connecting the knives and the frame-work and holding them onto the flat surfaces of said bearing pieces, substantially as set forth.

2. The combination, in a vegetable cutter, of the frame-work, the cutting knives, centrally-slotted rocker-shaped bearing pieces

for said knives, and bolts passing through the knives the bearing pieces and a portion of the frame-work, whereby the said several parts are firmly secured together.

3. The combination, in a vegetable cutter, of the frame-work, flat cutting knives, concave seats in the frame-work, and rocker-shaped bearing pieces convex upon one side and resting in said seats and flat upon the other sides where said knives rest thereon, and bolts or screws whereby the parts are secured together, substantially as set forth.

In witness whereof I have hereunto set my hand and seal, at Indianapolis, Indiana, this 20th day of January, A. D. 1893.

ROBERT L. DORSEY. [L. S.]

Witnesses:
CHESTER BRADFORD,
JAMES A. WALSH.