

No. 847,306.

PATENTED MAR. 19, 1907.

H. L. BAILEY.
VEGETABLE CUTTER.
APPLICATION FILED OCT. 19, 1905.

Fig. 1.

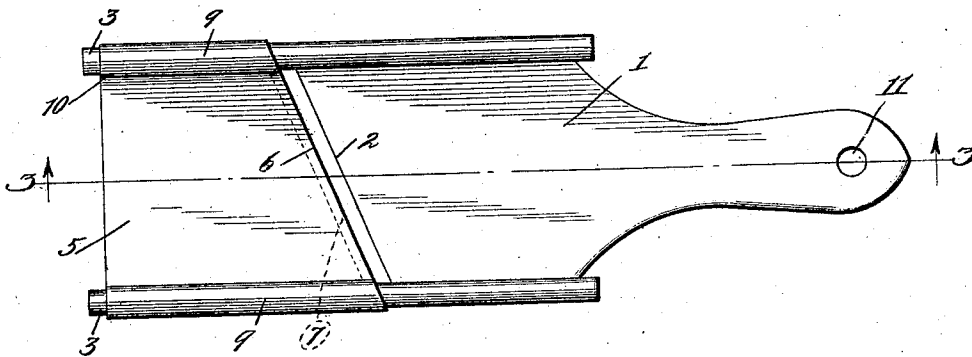


Fig. 2.

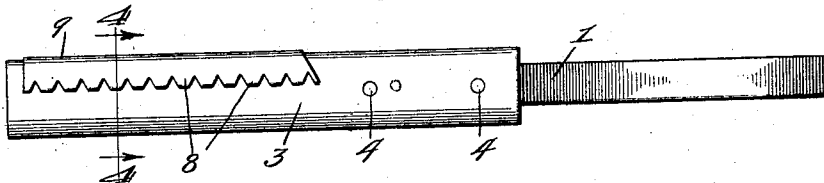


Fig. 3.

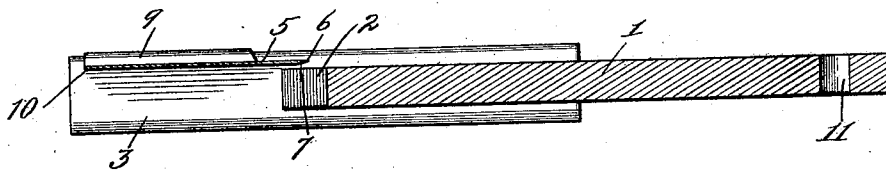
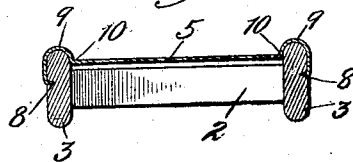


Fig. 4.



Witnesses:

Ed. D. Perry

Robert H. Blair

Inventor:

H. L. Bailey
by Brown & Early, Attorneys

UNITED STATES PATENT OFFICE.

HERBERT L. BAILEY, OF LUDINGTON, MICHIGAN, ASSIGNOR TO HANDY THINGS COMPANY, OF LUDINGTON, MICHIGAN, A CORPORATION OF ILLINOIS.

VEGETABLE-CUTTER.

No. 847,306.

Specification of Letters Patent.

Patented March 19, 1907.

Application filed October 19, 1905. Serial No. 283,365.

To all whom it may concern:

Be it known that I, HERBERT L. BAILEY, a resident and citizen of the United States, residing at Ludington, in the county of Mason, State of Michigan, have invented certain new and useful Improvements in Vegetable-Cutters, of which the following is a full, clear, and exact specification.

My invention relates to vegetable-cutters, particularly adapted for cutting or slicing vegetables, fruit, and the like.

The primary object of the invention is to construct an improved cutter which will be cheap to manufacture and simple and durable in construction.

A further object is to produce an improved cutter in which the knife is supported entirely by its ends and in which the body portion and cutting edge thereof are unobstructed and entirely free from a supporting-block or any other means of support.

A further object is to produce a cutter in which the engagement of the ends of the knife or cutter with the supporting-frame serves as the means for securing the knife or cutter in position.

To this end and the accomplishment of other new and useful objects, as will appear, the invention consists in certain features of novelty in the construction and arrangement of the parts hereinafter set forth and claimed, and shown in the accompanying drawing, illustrating an example of my invention, in which—

Figure 1 is a top plan view of my improvement. Fig. 2 is a side elevation thereof, showing the manner of securing the knife or cutter in position. Fig. 3 is a longitudinal section on line 3 3 of Fig. 1 looking in the direction of the arrows, and Fig. 4 is a transverse section on line 4 4 of Fig. 2 looking in the direction of the arrows.

Referring more particularly to the drawing, the numeral 1 designates the handle or body portion of my improvement, the forward end of which is inclined or disposed on an angle to the body portion, as shown at 2. This body portion 1 is provided with a pair of spaced arms or tines 3, which extend for some distance beyond the forward or inclined end 2, and said arms or tines may be made integral with the body portion 1 or may be constructed separately, if desired; but if separate they may be attached to the sides

of the body portion 1 by means of the nails or screws 4. These arms or tines are somewhat broader than the thickness of the body portion 1, so that the edges thereof extend beyond the plane of the body portion to form guides between which the article to be cut moves when reciprocated upon the body portion.

The numeral 5 designates a cutter or knife of any desired shape and which is provided with a cutting edge disposed at an angle, as shown at 6, parallel with the angle of inclination of the forward or inclined end 2 of the body portion 1, and said edge 6 is preferably provided with a beveled face 7, as shown in Fig. 3. The knife is preferably cut from a single piece of metal and provided with a plurality of teeth or serrations 8 on the edges thereof, which, as will be seen, form the only means for securely holding the knife or cutter in position. The ends 9 of the knife or cutter 5, carrying the teeth or serrations 8, are bent upwardly out of the plane of its body portion, as shown in Fig. 4, to form shoulders 10, and said shoulders are so located as to cause the body portion of the knife to stand between the arms or tines 3 of the body portion 1 and with said shoulders preferably engaging the inner faces thereof. The ends 9 are then curved over the edge of the arms or tines 3 in such a manner as to cause the teeth or serrations 8 to stand adjacent the outer faces thereof, the teeth or serrations 8 being disposed at such an angle to the body portion of the knife 5 as to permit them to be readily driven into or seated in the outer face of the said arms or tines 3. The construction and arrangement of the cutter causes the same to become rigid and is prevented from bending or buckling, while at the same time the engagement of the shoulders 10 with the inner faces of the arms or tines 3 will brace and hold said arms from springing or breaking, as will be seen. The ends 9 of the cutter 5, above the shoulders or angles 10, are bent at such a point as to support the knife 5 and cutting edge 6 thereof slightly out of the plane of the body portion 1 and with the said cutting edge 7 preferably spaced from the end 2 of the body portion 1.

Any suitable means, such as an aperture 11, may be provided in the handle by means of which the cutter may be hung upon a nail when not in use.

Particular attention is called to the manner in which I secure the knife or cutter 5 in position and to the fact that there is no supporting means or block for the knife arranged 5 within the path of the movement of the slice cut from the article. This arrangement permits the slice to drop down and away from the cutter as soon as cut, thereby preventing the cutter from becoming clogged or choked 10 or breaking the slice which has been cut.

In order that the invention might be fully understood by those skilled in the art, the details of the foregoing embodiment thereof have been thus specifically described; but

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

1. A device of the class described, comprising a body having spaced arms, a cutter standing between the arms out of the plane 20 of the body portion and remote from the end

thereof, the ends of said cutters being bent around the arms, and teeth carried by the extremities of the said ends, said teeth being adapted to engage the arms for securing and holding the cutter in position. 25

2. As a new and useful article of manufacture, a cutter-blade for vegetable-cutters and the like, comprising a body portion provided with a cutting edge, said body being provided with teeth at the extremities of the 30 sides and integral therewith for securing said blade to a support.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 9th day of 35 October, A. D. 1905.

HERBERT L. BAILEY.

Witnesses:

FRANK A. FOSTER,
HATTIE TIEDEMANN.