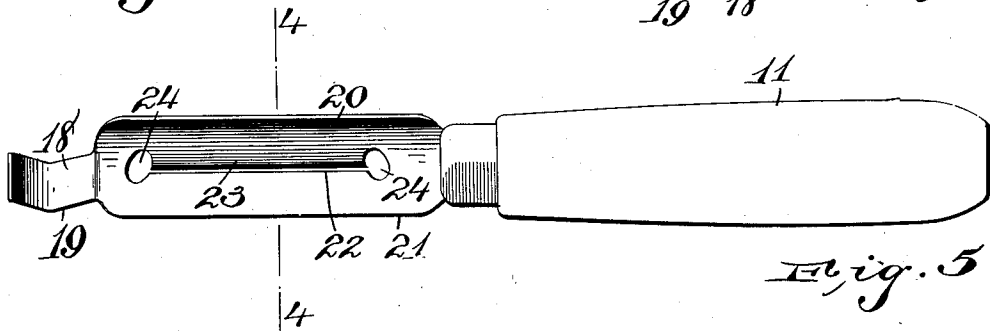
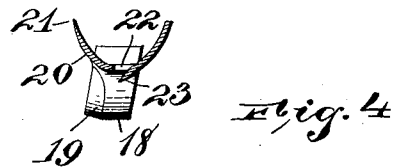
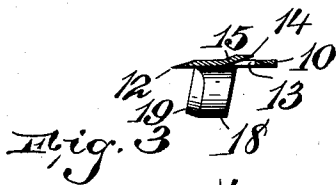
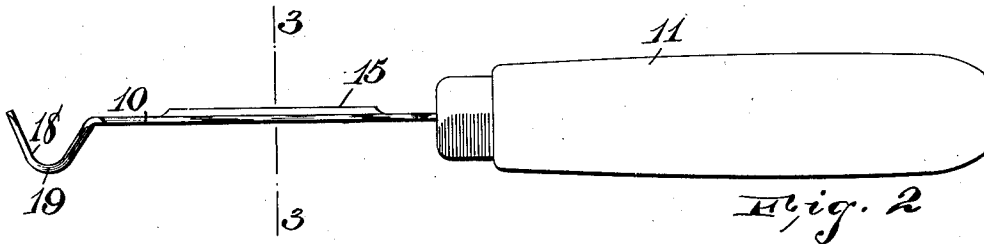
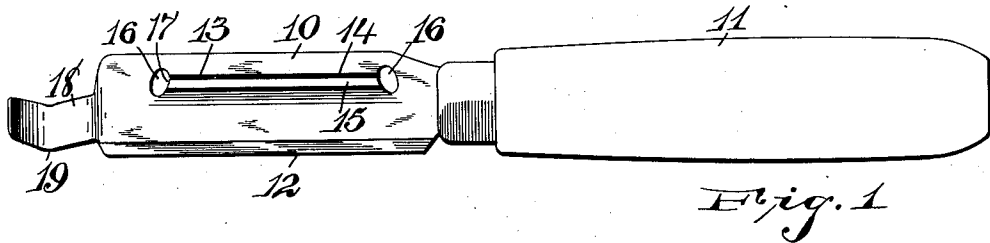


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KNIFE.

APPLICATION FILED DEC. 30, 1909.

1,010,554.

Patented Dec. 5, 1911.



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FRANK WHITE, OF NEWARK, NEW JERSEY.

KNIFE.

1,010,554.

Specification of Letters Patent.

Patented Dec. 5, 1911.

Application filed December 30, 1909. Serial No. 535,668.

To all whom it may concern:

Be it known that I, FRANK WHITE, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Knives; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to figures of reference marked thereon, which form a part of this specification.

15 This invention relates to an improved paring and slicing knife which is formed with a cutting edge on its outside edge and has a slot near the back thereof, one edge of the slot being bent up and formed into a paring edge. The paring edge is placed near the back of the blade so that the angle between the slicing edge and the paring edge is much more gradual than if the paring edge was placed near the slicing edge, and in this way there is no abrupt angle to the blade and the slicing is not interfered with by the projecting paring edge.

Another object of the invention is to provide the end of the blade with an extension which is dropped below the blade and is preferably U or V-shaped and is adapted for removing spots or defects in fruit or vegetables without interfering or being interfered with by the slicing edge.

25 The invention is illustrated in the accompanying drawing, in which:—

Figure 1 is a face view of my improved knife. Fig. 2 is an edge view of Fig. 1. Fig. 3 is a section on line 3, 3, in Fig. 2. Fig. 4 is a section on line 4, 4, in Fig. 5, and Fig. 5 is a face view of a knife of a modified form of construction.

The invention comprises a blade 10 which is secured to a handle 11, the blade having one of its edges 12 sharpened to form a cutting edge and to be used particularly as a slicing edge whereby the knife can be used to slice vegetables and fruits. This slicing edge 12 is on the front edge of the blade, and near the back edge is placed a straight slot 13, one side of which is turned up and provided with a cutting edge 14 whereby a paring edge 15 is formed, the edge 14 taking off the paring from the vegetable or fruit, and the blade itself acting to limit the depth to which the paring edge pene-

trates. The slot 13 is placed toward the back edge of the blade so that when the paring edge 15 is forced out of the plane of the blade the angle between the slicing edge 12 and the paring edge 15 is not abrupt and the paring edge does not interfere with the slicing by the knife, the angle being such that the knife can pass freely through the material being sliced. I prefer to form the elliptical holes or perforations 16 on each edge of the slot, these elliptical holes being placed at an acute angle to the edges of the blade, and the slot 13 connects these elliptical perforations near the back end of the perforations so that the corner 17 of the paring edge is not as pointed and sharp as would be the case if the perforation 16 were round and connected by a slot, because the juncture of the edge of the perforation and the edge of the slot forms an obtuse angle, that is, greater than a right angle, and there is not so apt to be a cutting of the fingers by the corner 17.

On the end of the blade I provide a U or V-shaped extension 18 provided with a cutting edge 19, this extension being used to remove spots and defects in fruits or vegetables, potato-eyes, and similar parts that are not desirable. The extension is preferably made integral with the blade and projects with its cutting edge in rear of the slicing edge of the blade where the extension leaves the blade, but projecting forward to a point approximately in line with the slicing edge, which enables the operator to extract the defects, spots, etc., by means of the extension without the balance of the blade coming in contact with and thus cutting or destroying the object operated upon. The extension dropping below the blade permits its being used without the handle or blade coming close enough to the article being cut, when the extension is being used, to damage the same. If the slot 13 were placed in the center of the blade or near the slicing edge, when the paring edge 15 was bent out of the line of the blade, it would make such an abrupt angle as would seriously interfere with the slicing edge and probably mutilate the slices on account of the blade, passing through the vegetable or fruit, being made so wide or thick on account of this abrupt angle. Applicant has overcome this by placing the slot and the paring edge near the back edge of the blade. I may, if desired, make the device as shown

in Figs. 4 and 5, making the blade, as at 20, approximately semi-circular in cross-section and having one edge, as 21, sharpened to form a slicing edge and adapted more particularly to cutting out approximately half round pieces from vegetables or fruits. The blade 20 is slotted as at 22 and is provided with a paring edge 23. The slot 22 connects the obliquely arranged elliptical perforations 24. The end of the blade 20 is provided with an extension 18 similar to the extension shown in Figs. 1 and 2, and for the same purpose.

Having thus described my invention, what I claim is:—

1. A knife comprising a blade having its front edge sharpened and having a narrow substantially U-shaped extension projecting from the end of and beneath the blade with its front edge in rear of the cutting edge of the blade, the extension being bent so that its lower portion projects in the direction of the cutting edge of the blade, said front edge of the extension being sharpened.

2. A knife comprising a blade having one edge sharpened and provided near its back edge with separated elliptical perforations arranged at an acute angle to the longitudinal

axis of the blade, a straight slot connecting the perforations, the inner edge of the slot being bent out of the plane of the blade and sharpened to form a paring edge; and a substantially U-shaped extension extending below and from the end of the blade, the extension having a cutting edge and being narrower than the blade.

3. A knife comprising a blade having its front edge sharpened and having a U-shaped extension projecting beyond the end of the blade, the extension being narrower than the blade and having its front edge in rear of the cutting edge of the blade, the bottom of the U-shaped extension being in advance of the juncture of the extension with the blade whereby the extension is inclined to the front at its bottom or lower portion, the front edge of the extension being sharpened to form a cutting edge.

In testimony, that I claim the foregoing, I have hereunto set my hand this 29th day of December, 1909.

FRANK WHITE.

Witnesses:

WM. H. CAMFIELD,
E. A. PELL.