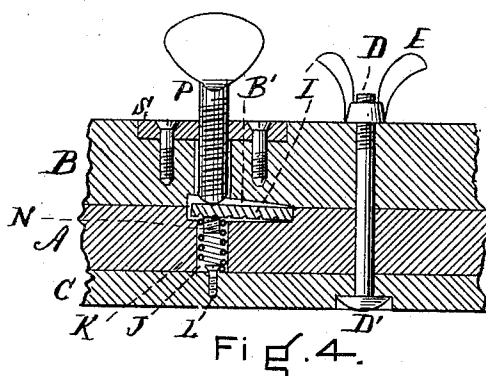
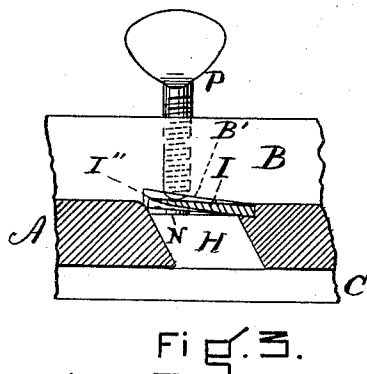
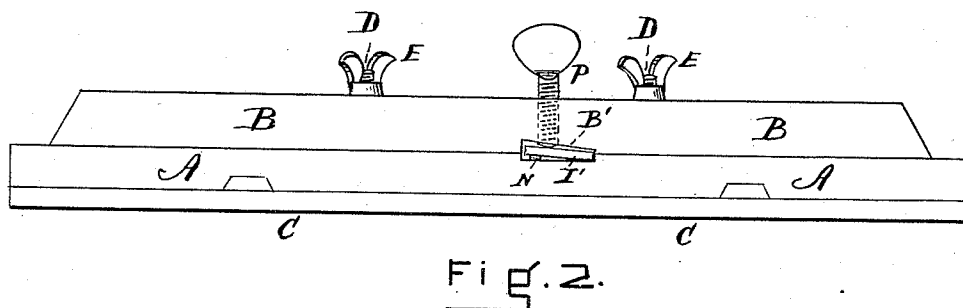
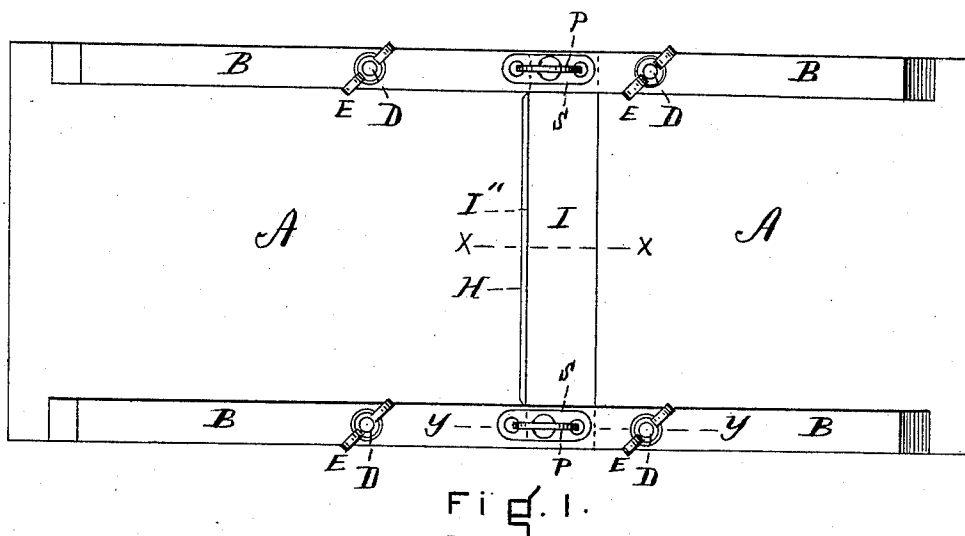


(No Model.)

G. A. YAISER.
VEGETABLE SLICER.

No. 466,930.

Patented Jan. 12, 1892.



WITNESSES
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GUSTAV A. YAISER, OF BOSTON, MASSACHUSETTS.

VEGETABLE-SLICER.

SPECIFICATION forming part of Letters Patent No. 466,930, dated January 12, 1892.

Application filed October 5, 1891. Serial No. 407,739. (No model.)

To all whom it may concern:

Be it known that I, GUSTAV A. YAISER, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Vegetable-Slicers, of which the following is a specification.

This is a device intended for household and hotel use for the purpose of slicing apples, potatoes, cabbages, and other vegetables; and the nature and construction of the invention are fully described below, and illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of the device. Fig. 2 is a side elevation of the same. Fig. 3 is an enlarged vertical section on line *x*, Fig. 1. Fig. 4 is an enlarged vertical section on line *y*, Fig. 1.

Similar letters of reference indicate like parts.

A is a floor or surface provided on the side edges of its upper surface with the side rails B, thus forming a trough. The under side is provided with rails C, which are placed under the rails B and serve to lift the trough from the table or surface on which it is placed. The rails C are rigidly secured to the floor-board A and the rails B are removably attached thereto by means of bolts D and thumb-nuts E, the bolts extending up through the floor and rails with their heads D' flush with the under surface of the rails C and the nuts E turning on the upper screw-threaded ends of the bolts against the upper surface of the rails B. A transverse opening H is cut across the floor-boards A between the rails B, the sides thereof preferably inclining away from the direction of the approaching vegetable which is to be sliced. (See Fig. 3). Over this opening is placed a knife I. The ends I' of this knife are of even thickness and are within recesses or slots B', in the rails B, the portions of said recesses next the heel of the knife being of about the same width as the thickness of the knife, but increasing in width toward the edge of the knife, as shown in Figs. 2, 3, and 4. The edge I'' of the knife is set toward the edge of the opening H, whose upper corner forms an obtuse angle. It will thus be seen that there is room for the edge of the knife to be raised and lowered in the recesses

B'. J, Fig. 4, is a hole or recess in the floor A, one being formed under the front or edge of the knife beneath each rail B. Within this recess is a spiral spring K, secured to the bottom of the hole by a screw L, and holding in its upper end a rubber block N. This spring holds the knife-edge I'' normally up against the upper edge of the recess B'. P P are thumb-screws extending through the rails B against the upper surface of the knife near its edge I'' and screwing in the plates S.

The potato or other vegetable to be sliced is pushed along the trough to the knife-edge and retracted and the operation repeated until it is entirely sliced, the slices dropping through the hole H. Of course when it is retracted it simply slips back over the knife without being cut, so as to be in position to approach the knife-edge again. The thickness of the slice is regulated by turning the thumb screws P.

The rubber blocks N prevent the springs K from scratching the knife and provide suitable friction, and the bottoms of the ends I' of the knife are preferably serrated to give the rubber blocks a firmer grip and prevent them from slipping.

The knife can be readily removed by unscrewing the thumb-nuts E and lifting off the side rails B.

The entire device is simple, economical, not easily put out of repair, and the work may be accomplished on it with great rapidity.

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

In a vegetable-slicer, the combination of the board or floor A, provided with the transverse opening H, the removable side rails B, provided with the graduated openings B', the knife I, placed over said opening H and within said openings B', the springs K in the holes J and supporting the rubber blocks N, and the thumb-screw P, substantially as described.

GUSTAV A. YAISER.

Witnesses:

HENRY W. WILLIAMS,
J. M. HARTNETT.