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1,516,362

O. VEGAS

SLICING DEVICE

Filed Dec. 12, 1923

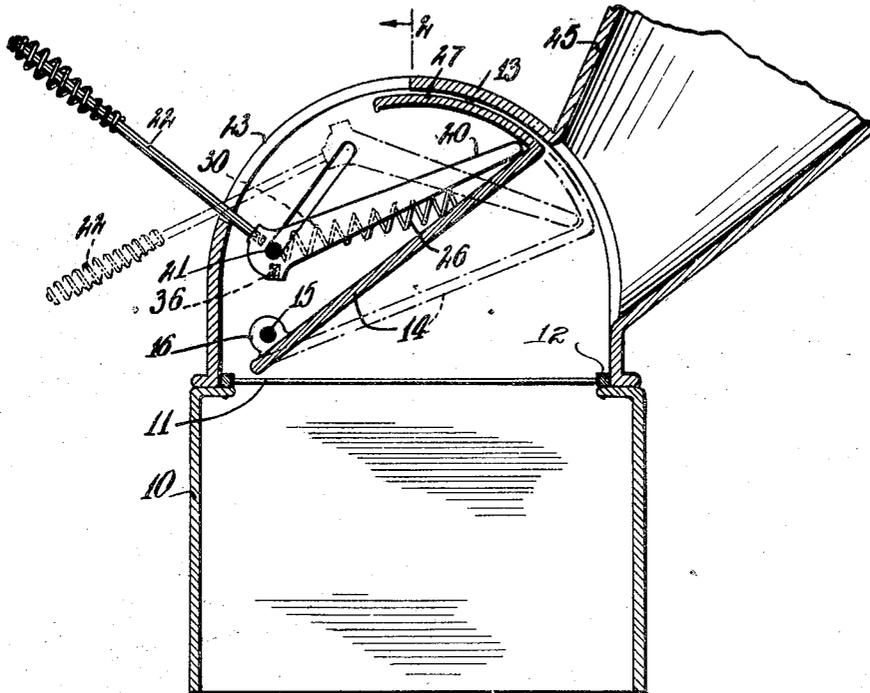


FIG. 1

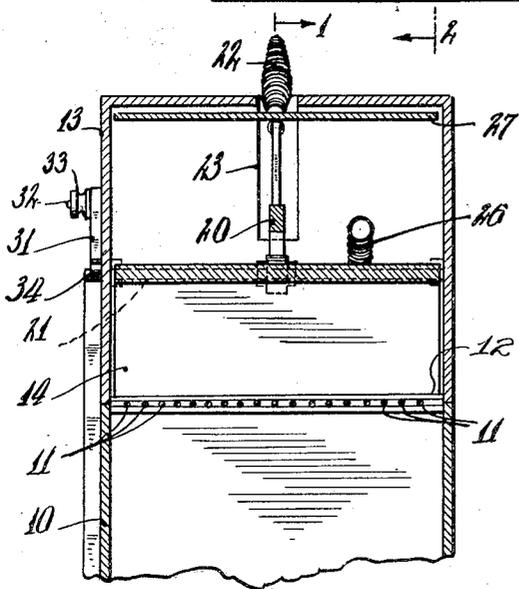


FIG. 2

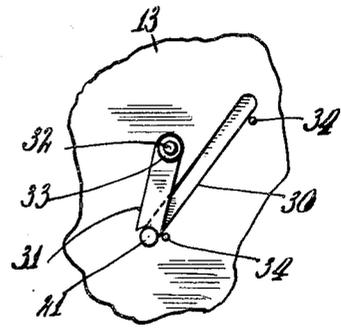


FIG. 3

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OCTAVIO VEGAS, OF NEW YORK, N. Y.

SLICING DEVICE.

Application filed December 12, 1923. Serial No. 680,075.

To all whom it may concern:

Be it known that I, OCTAVIO VEGAS, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Slicing Devices, of which the following is a specification.

This invention relates to a device for slicing vegetables and the like, the invention having for an object the provision of a novel device of this sort characterized by ease of operation and efficiency of action, and which can be constructed at small cost.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawing, and to the appended claims in which the various novel features of the invention are more particularly set forth.

Fig. 1 of the drawing is a vertical sectional view of my improved slicing device, this view being taken on the line 1—1 of Fig. 2.

Fig. 2 is a vertical sectional view at right angles to Fig. 1 and taken on the line 2—2 of the latter figure.

Fig. 3 is a fragmentary side view showing the means for holding the fulcrum rod of the operating lever in adjusted positions.

As here embodied my improved slicing device comprises a casing having a rectangular base 10, which is in the form of a shell open at the top and bottom. Stretched across the top of the base 10, from end to end thereof, are a number of steel wires 11, which are suitably spaced from one another according to the thickness of the slices into which the articles are to be divided. These wires are here shown as mounted on a removable frame 12, which permits of the insertion in place of different frames having relatively different spacing of the wires 11.

Mounted on the base 10 is a semicylindrical housing 13 which forms the upper part of the casing in which is mounted a presser plate 14, which is adapted to press the article being sliced down between the wires 11, this plate being hinged at one end on a rod 15, which extends transversely of the housing 13, just above one end of the base 10, the plate 14 being provided with a pair of upstanding lugs such as 16, which engage the rod.

To operate the presser plate I provide an

arm 20, which is freely mounted on a second rod 21, extending across the housing at a distance above the rod 15. This arm is provided with an operating handle 22, which projects through an arcuate slot 23, in the housing 13. The articles to be sliced are fed into the housing 13, under the presser plate 14, through a chute 25, which communicates with the side of the housing. A coiled tension spring 26, which is connected at one end to the plate 14, and at its other end to the rod 21, serves to normally hold the plate 14 in position with its free end raised above the opening into the housing from the chute 25, the engagement of the handle 22, with the lower end of the slot 23, limiting the upward movement of the plate. To prevent articles in the chute from rolling or falling into the housing 13, above the plate 14, when the latter is depressed this plate is formed at its free end with an upwardly projecting guard wall or lip 27, which closes the opening into the housing when the plate is depressed toward the wires 11.

In order to obtain a greater pressure on the plate 14, from the arm 20 when small and relatively tough articles are to be sliced, I preferably make provision for shifting the fulcrum rod 21, of said arm in an upward direction when desired, so that the leverage of the arm will be increased by reason of its change of angle with relation to the plate. To this end a pair of approximately vertical slots such as 30, are formed in the side walls of the housing 13, and the ends of the said rod project outwardly through the said slots. These projecting ends are engaged by the free ends of the latch arms 31, which are pivoted on screws 32 fixed in the walls of the housing 13, and which are locked in adjusted position by means of nuts 33, threaded on said screws. These arms are pivoted midway between opposite ends of the slots 30, and may be adjusted to engage the ends of the rods when the latter are in either the lower or upper ends of the said slots.

Pins 34 may be fixed in the side walls of the housing 13 adjacent the ends of the slots 30 to facilitate positioning of the latch arms 31. When the rod 21 is adjusted to the upper ends of the slots 30, the handle 22 is also adjusted with respect to the arm 20, the hub of the latter having a pair of sockets 36 therein into either of which the end of the said handle may be screwed, these sock-

ets having an angular spacing from one another as shown.

While I have illustrated and described a preferred embodiment of my invention it is to be understood that I do not limit myself to the precise construction herein shown and that various changes and modifications might be made therein without departing from the spirit and scope of the invention as defined in the appended claims.

Having thus described my invention what I claim as new and desire to protect by Letters Patent of the United States is as follows:

1. A slicing device comprising a casing, a number of steel wires stretched thereacross, and a hinged presser plate adapted to move toward and away from said wires, and an arm bearing freely on said presser plate to move it toward the said wires, and a spring connected to said presser plate and urging the latter away from the said wires.

2. A slicing device comprising a casing, a number of steel wires stretched thereacross, and a hinged presser plate adapted to move toward and away from said wires, a chute leading into the side of said casing and a guard member on said presser plate closing said chute when the presser plate is moved toward the said wires.

3. A slicing device comprising a hollow base, a number of wires extending across the top of said base, a housing mounted on said base, a presser plate hinged at one end in said housing, an arm fulcrumed in said housing above said presser plate and adapted to bear downward on the latter, and a handle fixed to said arm and projecting from said housing.

4. A slicing device comprising a hollow base, a number of wires extending across the top of said base, a housing mounted on said base, a presser plate hinged at one

end in said housing, an arm fulcrumed in said housing above said presser plate and adapted to bear downward on the latter, and a handle fixed to said arm and projecting from said housing, and means for positioning said arm with its fulcrum point at vertically adjusted positions.

5. A slicing device comprising a hollow base, a number of wires extending across the top of said base, a housing mounted on said base, a presser plate hinged at one end in said housing, an arm located above said presser plate and adapted to bear downwardly thereon, a rod on which said arm is mounted, said rod having its ends extending through upwardly extending slots in the side walls of the said housing, and a latch arm hinged to the said walls and adapted to engage the said rod ends when the latter are at either upper or lower ends of the said slots.

6. A slicing device comprising a hollow base, a number of wires extending across the top of said base, a housing mounted on said base, a presser plate hinged at one end in said housing, an arm located above said presser plate and adapted to bear downwardly thereon, a rod on which said arm is mounted, said rod having its ends extending through upwardly extending slots in the side walls of the said housing, and a latch arm hinged to the said walls and adapted to engage the said rod ends when the latter are at either upper or lower ends of the said slots, and a handle adapted for fixing in angularly adjusted positions on said arm.

In testimony whereof I have affixed my signature.

OCTAVIO VEGAS.

Witness:

CHAS. HEYMAN.