

M. L. FUNKHOUSER.
Vegetable-Cutter.

No. 219,930.

Patented Sept. 23, 1879.

Fig. 1.

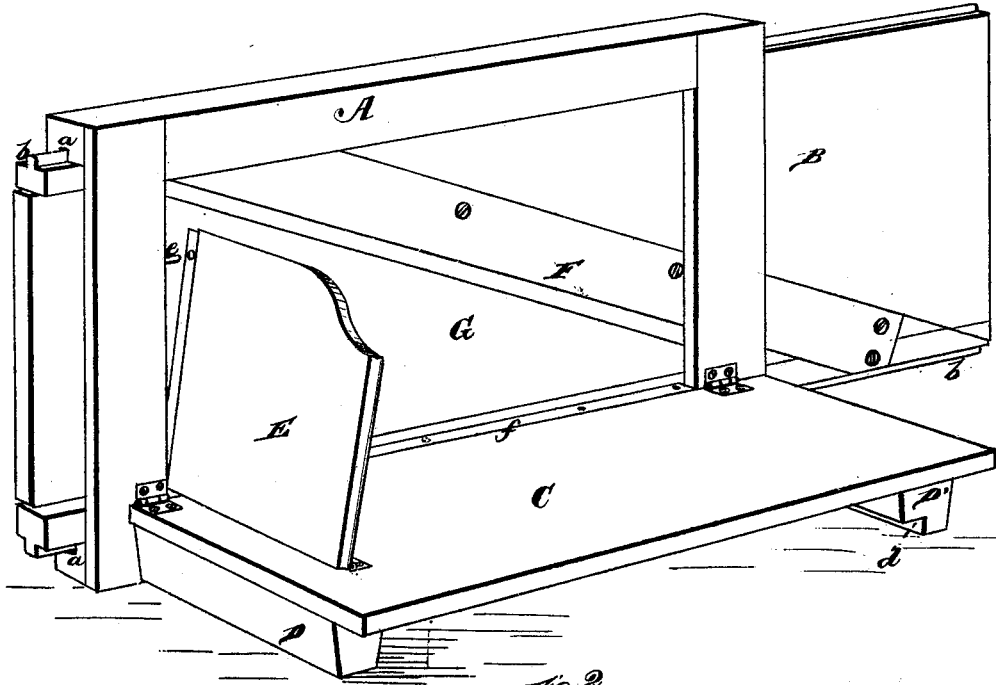
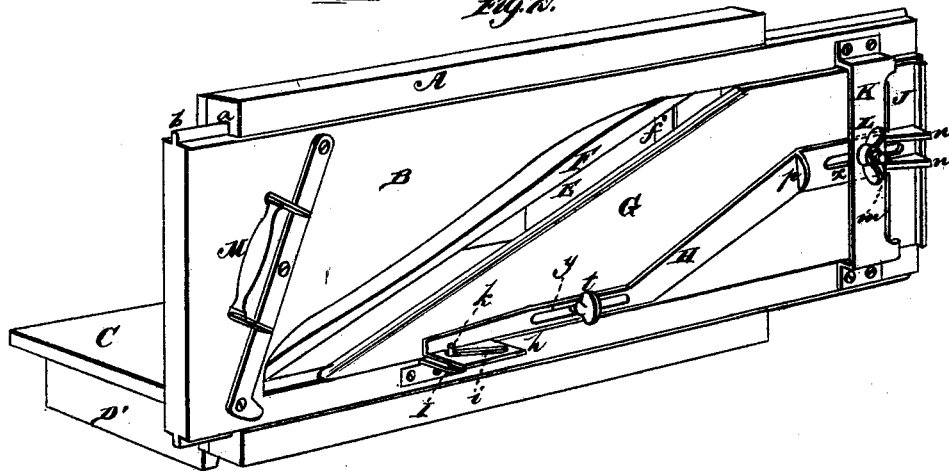


Fig. 2.



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MARTIN L. FUNKHOUSER, OF ST. LOUIS, MISSOURI.

IMPROVEMENT IN VEGETABLE-CUTTERS.

Specification forming part of Letters Patent No. **219,930**, dated September 23, 1879; application filed June 13, 1879.

To all whom it may concern:

Be it known that I, MARTIN L. FUNKHOUSER, of St. Louis, in the county of St. Louis and State of Missouri, have invented certain new and useful improvements in Vegetable and Meat Slicers and Cutters; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a perspective of my vegetable and meat slicer and cutter, and Fig. 2 is also a perspective view of the same.

The nature of my invention consists in a vegetable-slicer provided with a folding table or box, and in the construction and combination of parts, as will be hereinafter more fully set forth.

The annexed drawings, to which reference is made, fully illustrate my invention.

A represents a rectangular frame of any suitable dimensions, in which the knife-holder B slides, said knife-holder being on its upper and lower edges provided with tongues *b b*, which fit in corresponding grooves *a* in the frame.

To the back of the frame A is hinged a table, C, provided at one end, on the under side, with a cleat or cross-bar, D, which, when the table is let down, is flush with the bottom edge of the frame.

At the opposite end of the table is another cross-bar, D', which is formed with a rabbet, *d*, so that a flange will be left projecting below the lower edge of the frame and form a stop against the edge of a table or other article when the machine is placed thereon for work.

Near the inner or rear end of the table C, on its upper side, is hinged a wing, E, which, when raised, fits against the inside of the end of the frame A, and a pin, *e*, in said frame, enters a hole in the wing for holding the same in position.

Along the inner edges of the table C and wing E are fastened metal strips *f f*, for the knife to work against in cutting or slicing.

When the machine is not in use the wing E

can be folded down on the table C and the table folded up against the frame A, and the machine thus takes up but little room when put away. When desired for use the table is easily thrown down and the wing raised up in its place.

The knife-holder B is cut out, as shown, the knife F being attached to it on an angle, and a gage, G, inserted to fill up the space in the holder. This gage is movable or adjustable by means hereinafter described, for the purpose of gaging the thickness of the slices cut.

On the front of the gage G is placed a slide, H, of substantially the form shown in Fig. 2, the inner portion of said slide running close to and parallel with the lower edge of the gage, and has at its end an outwardly-projecting flange or lip, *h*, in which is an inclined slot, *i*. Into this slot projects from underneath a pin, *k*, attached to an arm, I, that is secured to the lower part of the knife-holder B.

The middle part of the slide H extends upward at an angle, and the outer end passes parallel with the knife-holder in the center of the gage. This end of the slide is formed with a flanged plate, J, which lies close against and extends entirely across the gage, so as to form a stay or brace to prevent the gage from warping or springing out or in either at the top or bottom. In this part of the slide H is a longitudinal slot, *x*, through which passes a screw, *m*, made fast in and projecting outward from the gage. This screw also passes through the center of metallic bridge K, attached to the knife-holder and passing over the gage and slide, as shown.

The slide is provided at its outer end, near the center, with inclined or beveled projections *n n* to pass under the bridge K.

The slide has also a thumb-piece, *b*, projecting from it, for convenience in moving the same.

L is a thumb-nut screwed on the end of the screw *m* down onto the bridge.

To adjust the gage it is only necessary to loosen the thumb-nut L, and then, by means of the finger-piece *p*, move the slide H in either direction. The inclined slot in the flange *h*, working over the pin *k*, moves the inner end of the gage out or in, as the case may be, and the outer end of the gage is cor-

respondingly adjusted or moved by the inclined projections *nn* passing farther out from or in under the bridge, when the thumb-nut *L* is screwed down tight, which holds the whole secure.

To prevent the flange *h* from slipping off from the pin *k*, the inner end of the slide *H* may have a slot, *y*, and a thumb-screw, *t*, screwed through the same into the gage.

M is the handle attached to the holder, and by means of which it is operated.

This machine may be used for cutting or slicing vegetables, meat, bread, &c., and is very simple in construction, and yet durable and not liable to get out of order.

I claim—

1. A vegetable or other slicer, consisting, essentially, of a knife-holder, *B*, sliding in a frame, *A*, and a folding leaf, *C*, hinged to the frame *A*, substantially as and for the purposes set forth.

2. The combination of the frame *A*, sliding

knife-holder *B*, with knife attached thereto, the hinged table *C*, and the hinged wing *E*, substantially as and for the purposes herein set forth.

3. In combination with the table *C* hinged to the slicer, the plain cross-bar *D*, and the rabbeted cross-bar *D'*, forming a stop, substantially as herein set forth.

4. In a slicer, the combination, with the knife-holder and the gage *G*, of the slide *H*, provided with cross-bar *J*, inclined projections *nn*, slot *x*, thumb-piece *p*, and flange *h*, having inclined slot *i*, the pin *k*, bridge *K*, bolt *m*, and thumb-nut *L*, all substantially as and for the purposes herein set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

MARTIN L. FUNKHOUSER.

Witnesses:

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JAMES J. SHEEHY.