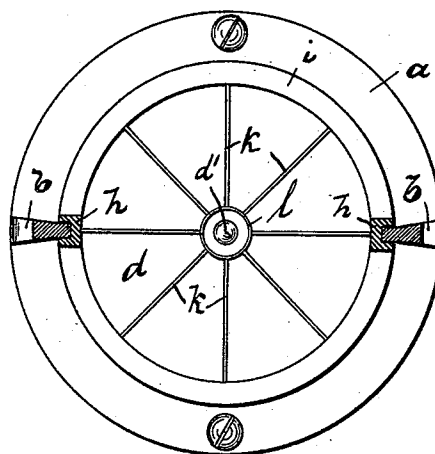
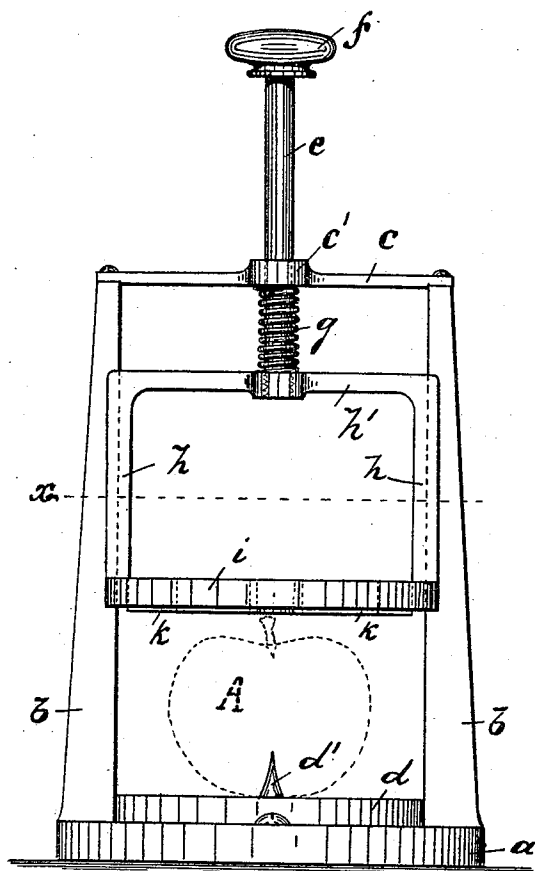


(No Model.)

T. WESTERMAN.
APPLE CUTTER AND CORER.

No. 471,158.

Patented Mar. 22, 1892.



WITNESSES:

Wm. D. Zell
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INVENTOR :

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BY

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UNITED STATES PATENT OFFICE.

THEODORE WESTERMAN, OF NEWARK, NEW JERSEY.

APPLE CUTTER AND CORER.

SPECIFICATION forming part of Letters Patent No. 471,158, dated March 22, 1892.

Application filed October 9, 1891. Serial No. 408,230. (No model.)

To all whom it may concern:

Be it known that I, THEODORE WESTERMAN, a citizen of the United States, residing in Newark, county of Essex, State of New Jersey, have invented certain new and useful Improvements in Apple Cutters and Corers; 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 letters of reference marked thereon, which form a part of this specification.

15 The object of this invention is to provide a simple and reliable apple cutter and corer cheap in construction and durable and easily operated.

20 The invention consists in the improved apple cutter and corer and the arrangement and combination of the various parts thereof, substantially as will be hereinafter more fully described, and finally embodied in the claim.

25 Referring to the accompanying drawings, in which like letters of reference indicate corresponding parts in the two figures, Figure 1 is a side elevation of my improved apple cutter and corer. Fig. 2 is a sectional view on line *x*, Fig. 1.

30 In said drawings, *a* represents a bed-plate, to which are secured or made integral therewith upright standards *b b*, with top cross-bar *c*, secured to said standards by screws or in any desired manner. To the bed-plate *a* is also secured a plate or rest *d*, made of wood or any suitable material, having in its center a pointed pin *d'*. Through an enlargement *c'* in the center of cross-bar *c* passes an upright rod *e*, provided on its upper end with a knob or handle *f* and having its lower end secured to the head-bar *h'* of yoke *h*. The side pieces of said yoke are grooved, as shown in Fig. 2, and are adapted to slide up and down on the standards *b b*. To the lower part of the yoke *h* is secured a knife-frame or ring *i*, provided with two or more radial knives *k k*, Fig. 2, and with a central circu-

lar knife *l*. All said knives project a little below the knife-frame *i*, as clearly shown in Fig. 1, to allow the apple to be cut entirely through before the said knife-frame comes in contact with the cutting-block *d*. From continuous use, grooves corresponding to the arrangement of the knives will be cut by them in the said block *d*.

Between the cross-bar *c* and the head-bar *h'* of yoke *h* and surrounding rod *l* is a spiral stretching-spring *g*, adapted to hold the cutting mechanism in its normal position, as shown in Fig. 1.

The operation of the machine is as follows: An apple *A* is placed on the plate *d* and held in position by pin *d'*. The handle *f* is then pressed down, thus forcing the knives through the apple. The central circular knife *l* cuts out the core and the radial knives divide the apple into sections, according to the number of knives. As soon as the handle is released, the cutting mechanism is returned by the action of the spring *g* to its normal position. The cutters or knives can also be arranged parallel to each other, or in any desired manner.

This machine can also be used for cutting pears, potatoes, or other similar fruit or vegetables.

I do not intend to limit myself to the exact construction shown and described, as various changes can be made without changing the scope of my invention.

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

The improved apple cutter and corer herein described and shown, consisting of a base-plate *a*, a table or cutting-block *d*, secured on the base-plate, a pin *d'*, extending through and projecting above said table, a vertical frame rising from the base-plate and provided with a central enlargement *c'* at its upper end, a vertically-moving yoke *h*, provided with grooves in its outer sides engaging the sides of the vertical frame, a ring *i*, secured to the lower end of said yoke, radial and circular knives arranged within and projecting

below the said ring, a vertical rod mounted
in the enlargement *c'* and having its lower
end secured to the yoke, and a spring coiled
around the said rod and having its opposite
5 ends secured, respectively, to the yoke and
the upper end of the vertical frame, substan-
tially as specified.

In testimony that I claim the foregoing I
have hereunto set my hand this 2d day of Oc-
tober, 1891.

THEODORE WESTERMAN.

Witnesses:

ABRAHAM MANNERS,
WM. D. BELL.