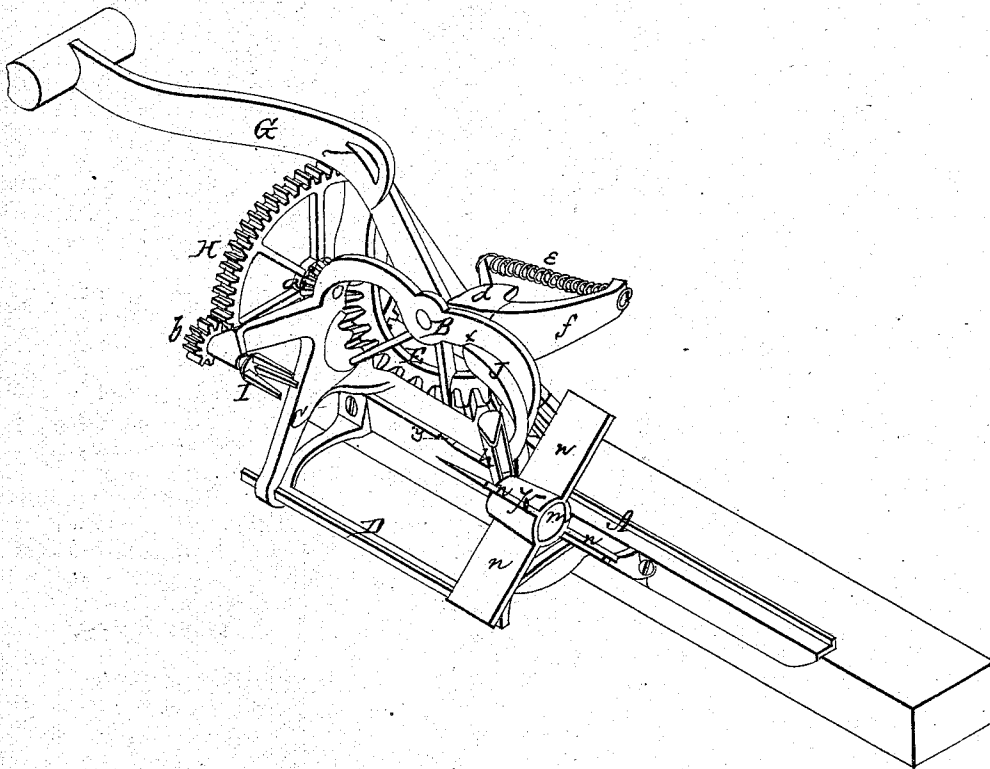


G. W. BENNETT.

Apple-Parers, Corers, &c.

No. 136,206.

Patented Feb. 25, 1873.



Witnesses

John A. Ellis.

Wm. K. Ellis

Inventor

George W. Bennett,

Per

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Attys.

UNITED STATES PATENT OFFICE.

GEORGE W. BENNETT, OF SMITHVILLE, INDIANA.

IMPROVEMENT IN APPLE PARERS, CORERS, &c.

Specification forming part of Letters Patent No. 136,206, dated February 25, 1873.

To all whom it may concern:

Be it known that I, GEORGE W. BENNETT, of Smithville, in the county of Monroe and State of Indiana, have invented certain new and useful Improvements in Apple Parer, Cutter, and Corer; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon which form a part of this specification.

The nature of my invention consists in certain improvements on the apple parer, slicer, and corer for which Letters Patent were granted to me May 24, 1870, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, which represents a perspective view of my improved machine.

A represents a flanged guide-rail attached by means of screws or other suitable means to a table or bench. Upon this rail slides a carriage, B, from which an arm, C, extends forward and downward, its outer end grasping a bar, D, running parallel with and connected to the rail A, thus insuring the steady and correct movement of the carriage back and forth on the rail. On the carriage B is pivoted a semicircular cog-wheel, E, provided with a lever, G, for turning the same. This segment of a cog-wheel gears with a pinion, *a*, attached to or forming part of a cog-wheel, H, which in turn gears with a pinion, *b*, on the shaft of the fork I for holding the apple while it is being pared, cut, and cored. On the hub of the segment cog-wheel E are two flanges, *d* and *d'*, between which the shank J of the knife is pivoted, and a spring, *e*, connects the short end of said shank with an arm, *f*, extending from the hub of the wheel E. On the outer or longer end of the shank or shaft J are formed prongs, between which the knife *h* is inserted and fastened by being pressed between the same. K represents the corer and cutter attached to the rail A. It consists of a central coring-tube, *m*, with radial cutters *n n* at equal

distances apart. The interior of the coring-tube *m* is made slightly tapering so that the end opposite from the cutting-edge is smaller than said cutting-edge and forms a square holding-edge to hold the core of the apple while the fork is passed out in the operation of pushing the sliding carriage back from the corer.

The lever G is turned over the wheel H until the paring-knife shaft J comes into a notch, *x*, on the sliding carriage, in the position shown in the drawing. Then the paring-knife and shaft are out of the way of placing the apple on the fork. When the apple is placed on the fork the lever is brought back, which gives motion to the paring-knife, paring the apple; then, pressing down slightly on the lever, raises the carriage sufficiently to allow it to pass over a catch, *y*, formed on the rail A while it is being moved forward to the corer. The catch *y* holds the carriage in position away from the corer while the apple is being pared.

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

1. The combination of the segment cog-wheel E with lever G, paring-knife shaft J, spring E, and carriage B, with the notch *x*, substantially as and for the purposes herein set forth.

2. The combination of the segment cog-wheel E with lever G, gear-wheels *a* H *b*, and fork I, all as herein set forth.

3. The sliding carriage B, carrying the fork I and moving upon the rail A to and from the corer K, in combination with the arm C and bar D, for the purposes herein set forth.

4. The catch *y* formed on the rail A to hold the sliding carriage B, for the purposes herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

GEORGE W. BENNETT.

Witnesses:

J. H. SMITH,

U. N. PEARSON.