2 Sheets—Sheet 1.

D. H. GOODELL & W. ROBB.

Apple-Parer.

No. 200,279. Patented Feb. 12, 1878.

Fig. 1.

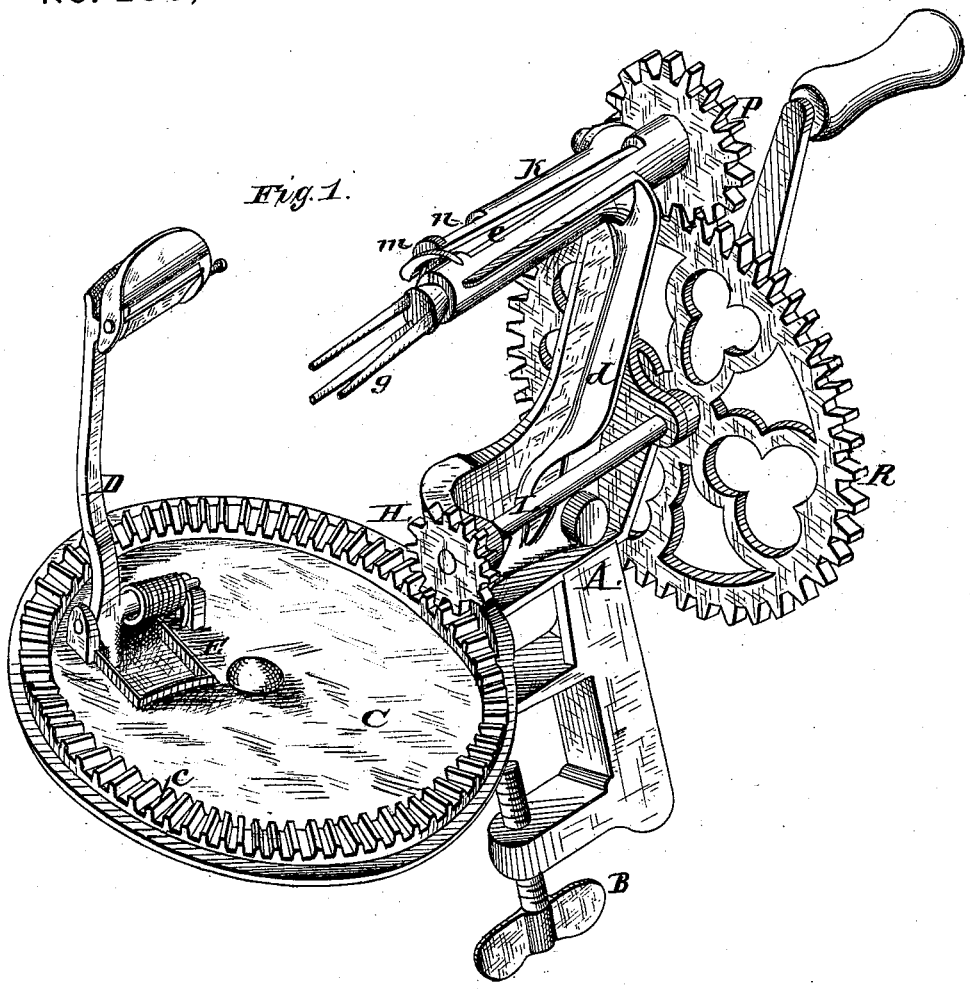
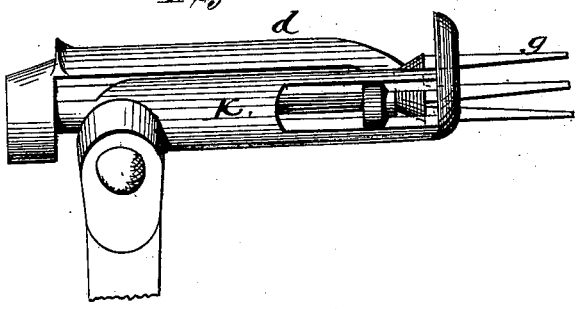


Fig. 3



Witnesses.
F. L. Ouraud
H. D. Perine

Inventors:
D. H. Goodell & Wm Robb.
By. James L. Norris.
Attorney.

2 Sheets—Sheet 2.

D. H. GOODELL & W. ROBB.

Apple-Parer.

No. 200,279. Patented Feb. 12, 1878.

Fig. 2.

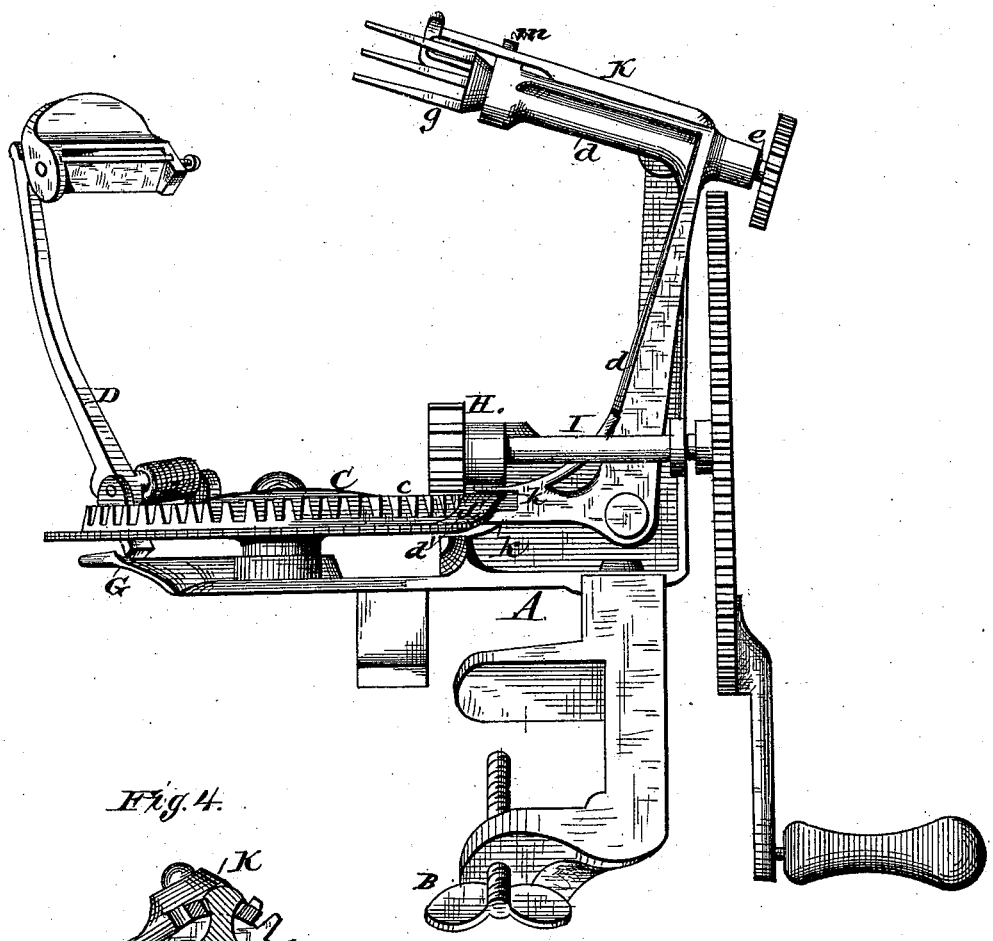
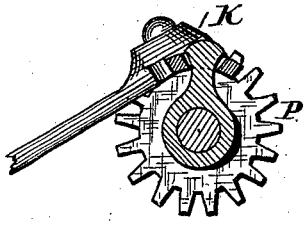


Fig. 4.



Witnesses.
Frank L. Ouraud
H. C. Perrine

Inventors.
D. H. Goodell & Wm. Robb.
By James L. Norris.
Attorney.

UNITED STATES PATENT OFFICE.

DAVID H. GOODELL, OF ANTRIM, AND WILLIAM ROBB, OF NELSON, N. H.

IMPROVEMENT IN APPLE-PARERS.

Specification forming part of Letters Patent No. **200,279**, dated February 12, 1878; application filed October 18, 1877.

To all whom it may concern:

Be it known that we, DAVID H. GOODELL, of Antrim, in the county of Hillsborough and State of New Hampshire, and WILLIAM ROBB, of Nelson, in the county of Cheshire and State of New Hampshire, have invented certain new and useful Improvements in Apple-Parers, of which the following is a specification:

This invention relates to certain improvements in apple-parers, its object being to simplify the construction of its various parts, and to render more effective the mechanism for removing or stripping the apple from the fork which carries it after the paring has been taken off.

To this end our invention consists in a rotating turn-table carrying the cutter for removing the paring from the apple, and having a raised cam on its periphery adapted to operate a lever which carries the fork-shaft, whereby said lever is held in position to present the apple to the action of the cutter, and thrown back at proper time to strip the apple from the fork, and disengage the gearing of the fork-shaft from the toothed driving-wheel, as more fully hereinafter specified.

Our invention further consists of a stripper pivoted to the rear of the frame of the apple-parer, and adapted to adjust itself automatically to the movement of the lever carrying the apple-fork and its shaft, whereby the apple is automatically stripped from the fork after the parings have been removed, as more fully hereinafter set forth; and, lastly, in an oscillating elbow-lever carrying the apple-fork and its shaft, in combination with the turn-table, by which it is operated, as more fully hereinafter set forth.

In the drawings, Figure 1 represents a perspective view of our improved apple-parer, showing the parts in position for paring the apple. Fig. 2 represents a plan elevation of the apparatus with the parts in position to cast off the apple after the paring has been removed. Fig. 3 represents a detached view of the upper part of the fork-lever and the stripper; and Fig. 4, a detached sectional view of fork-shaft, its pinion, and portions of the stripper.

The letter A represents a metallic frame, provided with a screw-clamp, B, which is preferably so located that when the frame is clamped to the table or other support said frame will be in an inclined or angular position, to enable the parings, as they are removed from the apple, to fall clear of the working parts of the machine, although such construction is not essential to the proper operation of my improved machine. To said frame is journaled or pivoted a rotating disk or turn-table, C, to which the cutter-arm D is secured, being pivoted near its lower end in a slot, E, in the plate, the lower end of said arm projecting below in position to be operated by a raised arm, G, formed on the standard below the rotating disk, for the purpose of throwing the cutter-arm back to remove the cutter-head out of the way of the apple after it has been pared, and while said cutter-head is being carried back to position to commence paring again. On the upper face of the rotating disk or turn-table are formed a series of cogs or teeth, *c*, which gear in a pinion, H, on the driving-shaft I, which imparts a rotary motion to said disk or turn-table.

The letter *d* represents an oscillating elbow-lever, pivoted at its lower end to the frame A, and provided at its upper end with bearings for the journal or shaft *e*, which carries the rotating apple-fork *g*. The lower end of said elbow-lever is formed or provided with lugs or ears *k k*, which embrace the edge of the rotating disk or turn-table, said disk being provided with a raised cam, *d'*, at its periphery, the flat portion of the periphery operating to hold the lever in position to present the apple-fork and apple secured thereon to the cutter, and throw it back after the paring has been removed, to cast the apple off the fork and disengage the gearing by which the fork is operated.

The letter K represents a stripper pivoted to the upper part of the rear of the frame A, and extending alongside of the upper end of the oscillating elbow-lever, and the apple-fork shaft being loosely connected to said oscillating lever by means of a projection, *m*, thereon, which extends through a slot, *n*, on the stripper.

The fork-shaft is provided with a pinion, P, at its rear end, which engages the teeth of the driving-wheel R, except when the oscillating

lever is thrown back, when said pinion is thrown out of gear with said wheel, stopping the motion of the fork-shaft.

The operation of our improved apparatus will be readily understood in connection with the above description. Upon placing an apple on the fork and rotating the crank in the proper direction, the turn-table is rotated, carrying the cutter around the apple until the paring is removed, when the cam on the periphery of the turn-table will throw the oscillating elbow-lever backward, stripping the fruit off the fork, and throwing the pinion which operates the fork out of gearing with the driving-wheel until a fresh apple has been placed on the fork.

We claim and desire to secure by Letters Patent—

1. The combination, with the turn-table having a cam, *d'*, on its periphery, of the elbow-lever *d*, pivoted at its lower end, and having one arm slotted and embracing the turn-table and operated by its cam, and its other end carrying the apple-fork, substantially as and for the purpose described.

2. The stripper K, hinged to the stationary frame, in combination with the fork-arm, to which it is articulated, for the purpose set forth.

3. The oscillating elbow-lever carrying the apple-fork and shaft, in combination with the stripper and the turn-table having a cam for oscillating said elbow-levers, substantially as set forth.

In testimony that we claim the foregoing we have hereunto set our hands in the presence of the subscribing witnesses.

DAVID H. GOODELL.
WILLIAM ROBB.

Witnesses:
WM. P. BURPEE,
NELLIE M. JACKSON.