

(No Model.)

J. C. GREEN.
VEGETABLE CUTTER.

No. 272,041.

Patented Feb. 13, 1883

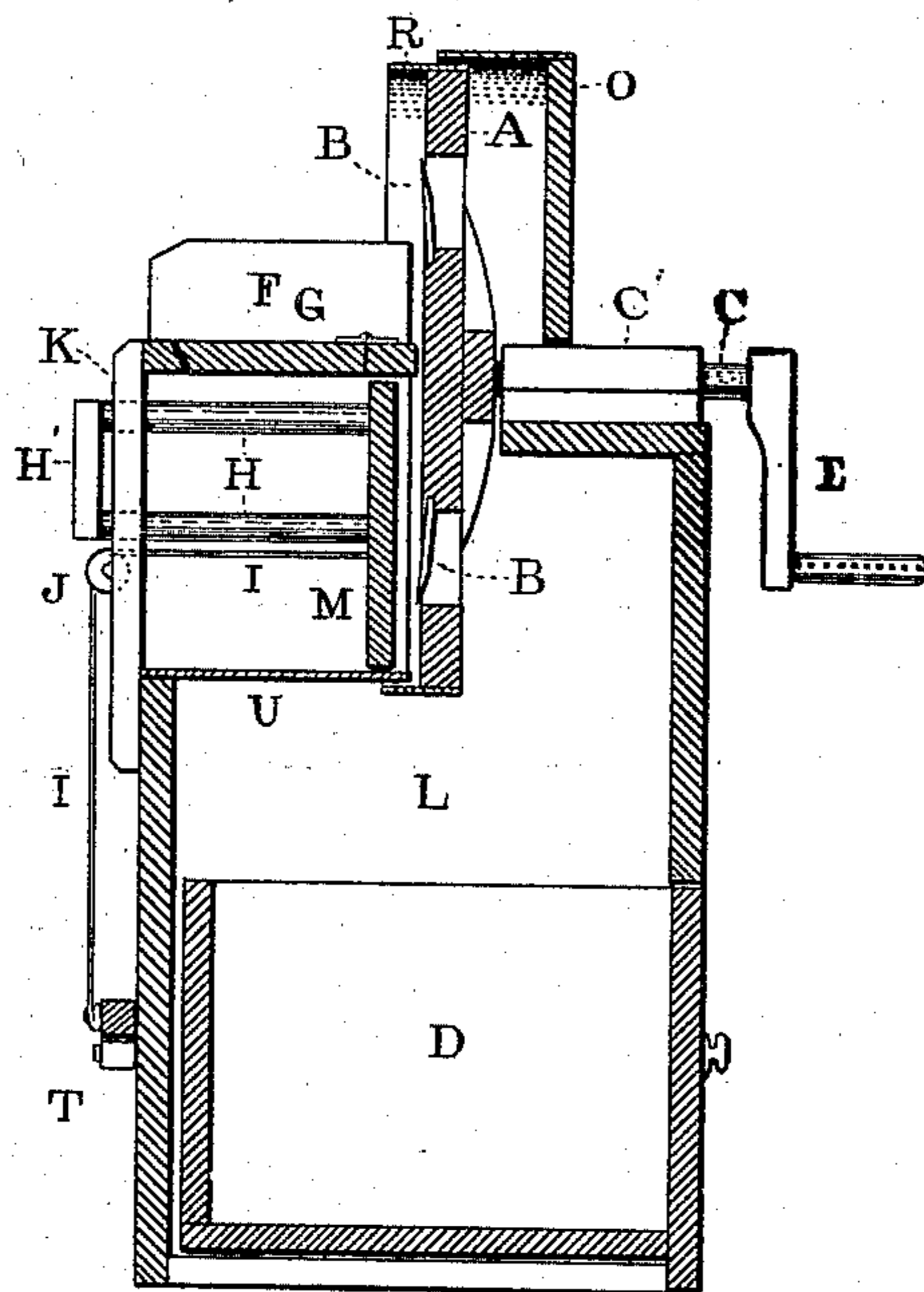
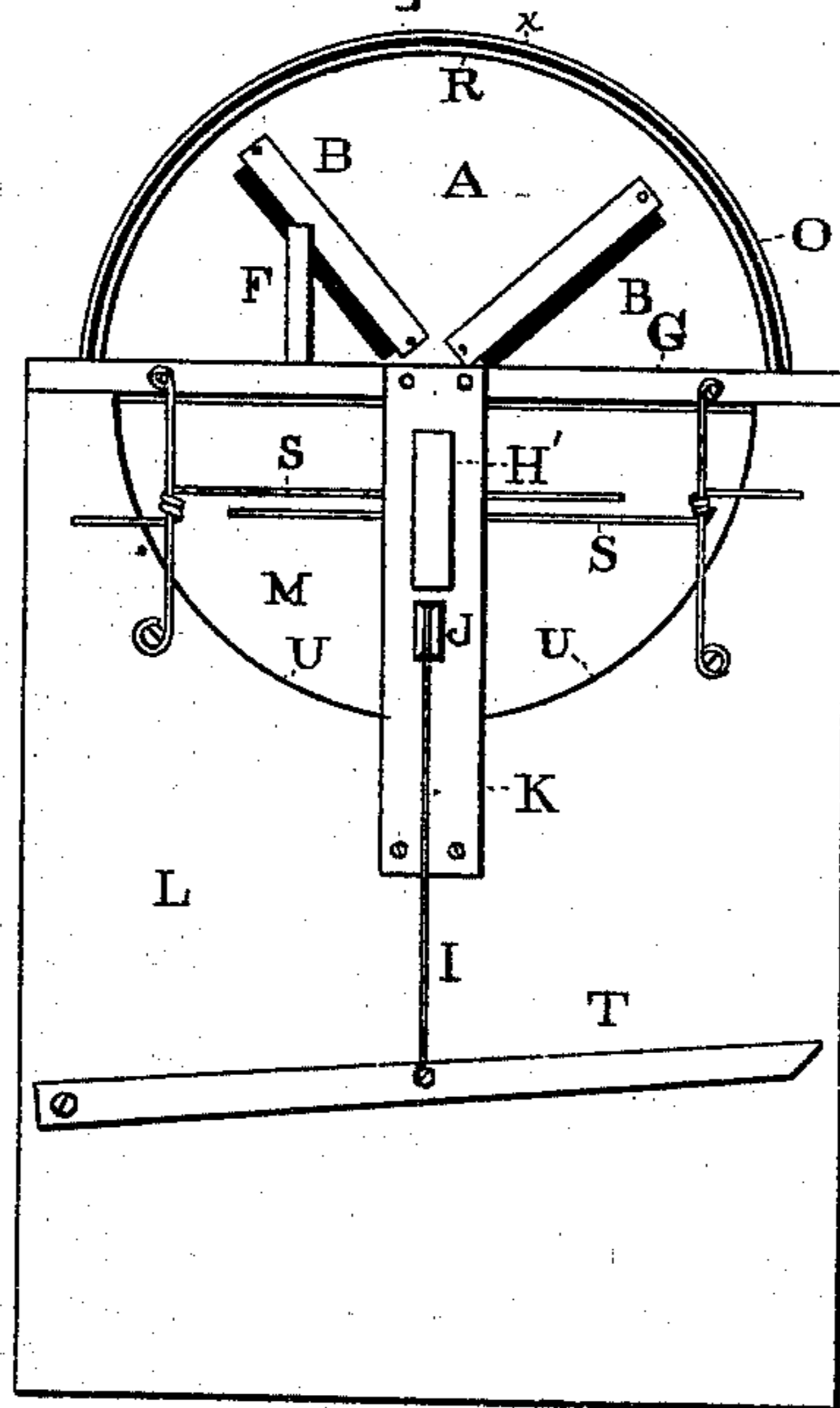


Fig. 1.

Fig. 2.



Witnesses;
H. W. Wells,
M. E. Upham.

Inventor;
John C. Green,
per A. B. Upham,
Attorney.

UNITED STATES PATENT OFFICE.

JOHN C. GREEN, OF PEORIA, ILLINOIS.

VEGETABLE-CUTTER.

SPECIFICATION forming part of Letters Patent No. 272,041, dated February 13, 1883.

Application filed June 19, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOHN C. GREEN, of Peoria, in the county of Peoria, in the State of Illinois, have invented an Improved Vegetable-Cutter; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the annexed drawings, making a part of this specification, in which like letters of reference refer to like parts, and in which—

Figure 1 represents a vertical section through *x x*; Fig. 2, a front elevation.

This invention is in that line of vegetable-cutters in which the vegetables are pressed against a vertically-revolving disk carrying knives.

The disk A, mounted at the end of the shaft C, having crank E, has two or more radially-extending slots, in each of which is secured a knife, B. The sharpened edges of said knives B project slight beyond the surface of the said disk A. The bearing C' of the shaft C is fastened upon the top of the box L, so that one half of the disk A is above the cover G and one half below it. Beneath the said disk A a drawer, D, is arranged to slide into and out of the box L, to serve as a receptacle for the sliced vegetables dropping from the cutting-knives B.

To increase the capacity of this machine, I have constructed it in such a way as to enable vegetables to be cut by it both above and below the cover G at the same time. Above said cover G is fastened the upright board F, against which and upon the cover G is placed one of the vegetables to be cut. Below the said cover G, I arrange a semi-cylindrical chamber, whose circular wall U fits inside of the crown-rim R of the disk A. Within said semi-cylindrical chamber a semicircular head, M, is arranged to slide toward and from the disk A, being held vertical by the two rods, H H, which are laterally movable in bearings through the upright post K. A cross-bar, H', fastens together the outer ends of said rods H H.

The two springs S S press said head M inwardly toward the disk A, while by means of the cord I, fastened at one end to said head M, passing out and down over the pulley J to the treadle-bar T, said head M is moved away from the disk A.

To prevent any of the cut pieces of vegeta-

ble from being carried around and up with the disk A, and so spilled upon the top of the box L and from thence upon the handle of the crank E or on the floor, I have constructed a circular cover, O, which can be placed partially over the disk A.

In using this vegetable-cutter, the cover G is raised up, the head M moved back to the post K by pressing down upon the treadle T, and the semi-cylindrical chamber filled between the head M and the disk A with the vegetables to be cut. Replacing and securing the cover G, another vegetable is put upon said cover G and against the board F and pressed against the disk A. Now, when the said disk A is revolved by means of the crank E, both the vegetable held in the hand and those in the chamber beneath said cover G are rapidly sliced by the knives B of the revolving disk A.

If desired, the springs S S can be removed and the head M pressed toward the disk A by having the cord I fastened to the cross-bar H' and passing around the other side of the pulley J to the treadle T. Said head M is withdrawn from the disk A, when the cord I is arranged in this way, by pulling upon the cross-bar H'. By this arrangement the pressure of the vegetables against the disk A can be regulated as desired.

I am aware that vegetable-cutters have previously been made having a disk furnished with cutting-knives and having a board pushed toward and from said disk by means of weights, springs, or treadle. I do not therefore claim broadly the construction set forth in the preceding description; but

What I do claim, and for which I desire Letters Patent, is as follows, to wit:

The disk A, having knives B, shaft C, crank E, box L, drawer D, and semi-cylindrical chamber having head M, pushed toward said disk A by springs S S and guide-rods H H, in combination with the cover G, having upright board F, substantially as and for the purpose specified.

In testimony that I claim the foregoing invention I have hereunto set my hand this 15th day of June, 1882.

JOHN C. GREEN.

Witnesses:

JAMES M. MORSE,
THOS. I. BLACK.