

V. HAGMANN.  
Vegetable Cutter.

No 68,184.

Patented Aug. 27, 1867.

Fig. 1.

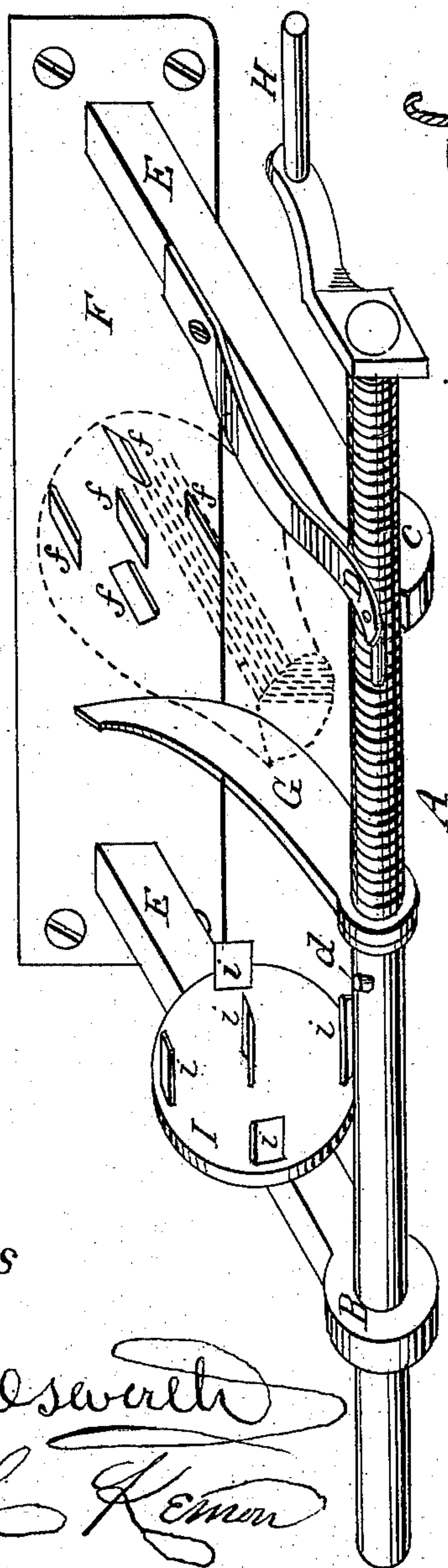
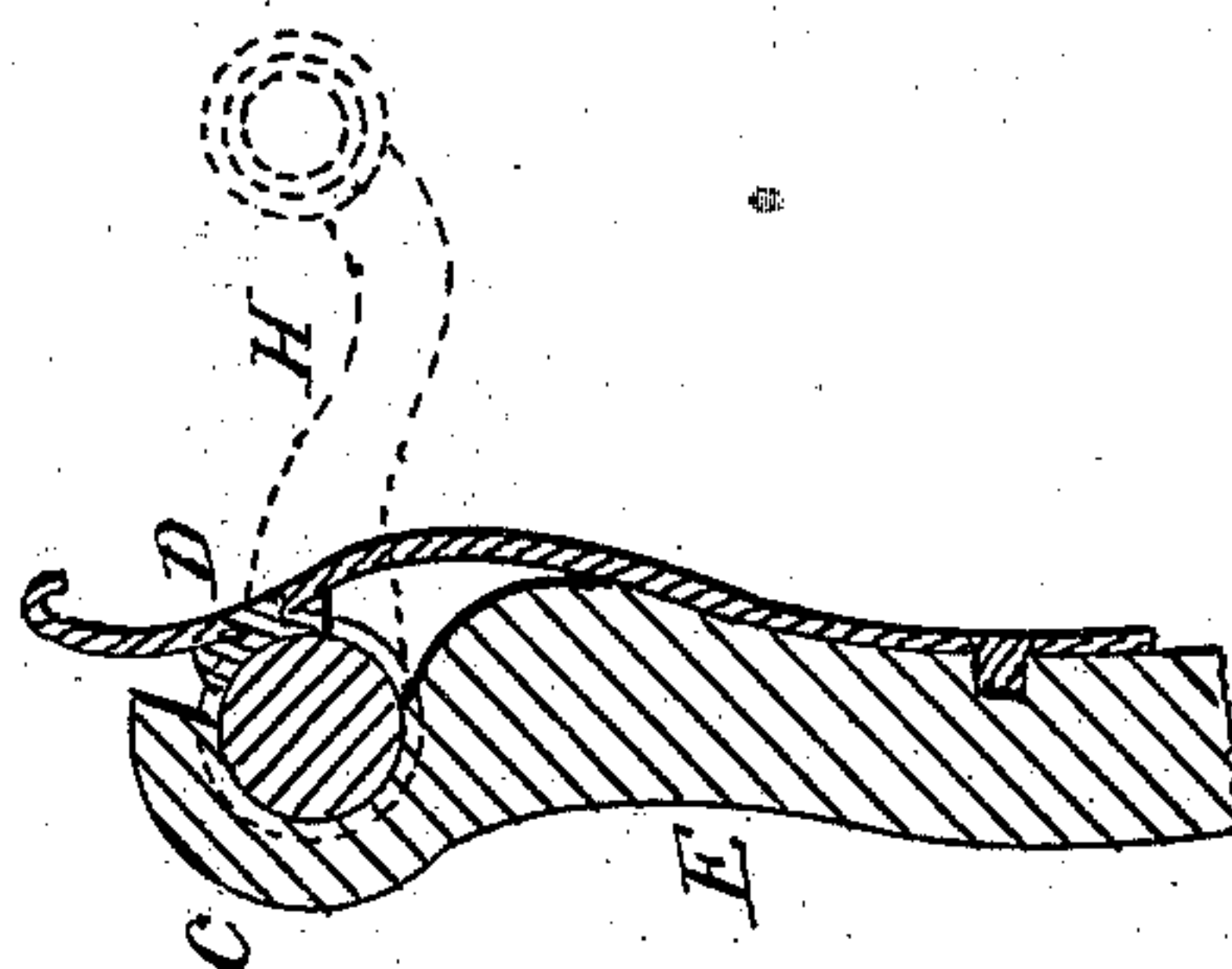


Fig. 2.



Witnesses

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# United States Patent Office.

VICTOR HAGMANN, OF WASHINGTON, DISTRICT OF COLUMBIA.

*Letters Patent No. 68,184, dated August 27, 1867.*

## IMPROVED VEGETABLE-CUTTER.

The Schedule referred to in these Letters Patent and making part of the same.

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, VICTOR HAGMANN, of the city and county of Washington, in the District of Columbia, have invented a new and useful Device for Cutting Vegetables, &c.; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, which are made part of this specification, and in which—

Figure 1 is a perspective view of my improved device.

Figure 2 is a sectional view, illustrating the mode of applying the spring-pressure jaw, hereinafter more particularly referred to.

Similar letters of reference indicate corresponding parts in the two figures.

This device may be employed for cutting up horse-radishes, or for slicing bread, potatoes, radishes, and other vegetables. It consists essentially of a screw armed with one or more knives, and caused, when rotated, to traverse longitudinally within its bearings by means of a spring-pressure jaw, which, when the screw has travelled to the limit of its motion, is adapted to be held out of contact with the screw, to permit it to be retracted and made ready for a repetition of the operation, as will be hereinafter explained.

In order that others skilled in the art to which my invention appertains may be enabled to fully understand and use the same, I will proceed to describe it in detail.

In the drawings, A represents a screw, having a plain portion and a threaded portion, as represented. The plain portion of the screw is permitted to slide freely through the bearing B, while the threaded portion is made to engage with the threads in the open-sided bearing C by the pressure of the spring-jaw D. (See fig. 2.) The arms or posts E E, in which the bearings are formed, are fixed in a plate, F, which may be fastened by screws to any upright or horizontal support. G is a knife, attached to the screw A so as to turn therewith.

The screw is rotated by means of the crank-handle H, and the engagement of the threads of the screw with the threads of the bearing C gives the screw a longitudinal progressive movement so long as the rotation continues; hence every revolution of the knife G is performed in a path beyond or different from that of the preceding stroke, which adapts the knife to slice or make consecutive incisions, as represented. The radish employed in the illustration, fig. 1, is represented as held in position, while under the action of the knife, by means of the penetrating prongs or projections *f*, so that the cuts of the knife extend only to the crown of the root without detaching the slices. Radishes are thus treated to fit them to be more completely impregnated with salt preparatory to eating, the salt when sprinkled between the slices having better opportunity to diffuse itself. In like manner the knife G may be made to act upon fruit and vegetables, or even loaves of bread, the thing to be cut being held upon the prongs *i* of the disk-plate I. The pronged disk-plate I affords a convenient means for holding the article to be cut when the slices are to be entirely detached, as in cutting up potatoes, beets, bread, &c. The knife G is, of course, to be made of proper length, to avoid contact with the prongs *f*, and the stop-pin or stud *a*, by contact with the bearing B, arrests the progressive motion of the shaft A in time to prevent the knife from striking the prongs *i*. When the screw A has reached the limit of its progressive movement the spring-jaw D is held out of contact with the screw long enough to permit it to be retracted to the position from which it commences its progressive movement. A plurality of knives may be applied to the shaft A if desired.

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

1. A device for cutting vegetables, &c., having one or more knives attached to a screw adapted to receive a rotary and progressive motion, substantially as described.

2. The combination with a screw, A, bearing one or more knives, of the spring-jaw D, for holding said screw to its threaded bearing and permitting its ready retraction, substantially as described.

To the above specification of my improvement I have signed my hand this 27th day of April, 1867.

VICTOR HAGMANN.

Witnesses:

CHAS. A. PETTIT,  
SOLON C. KEMON.