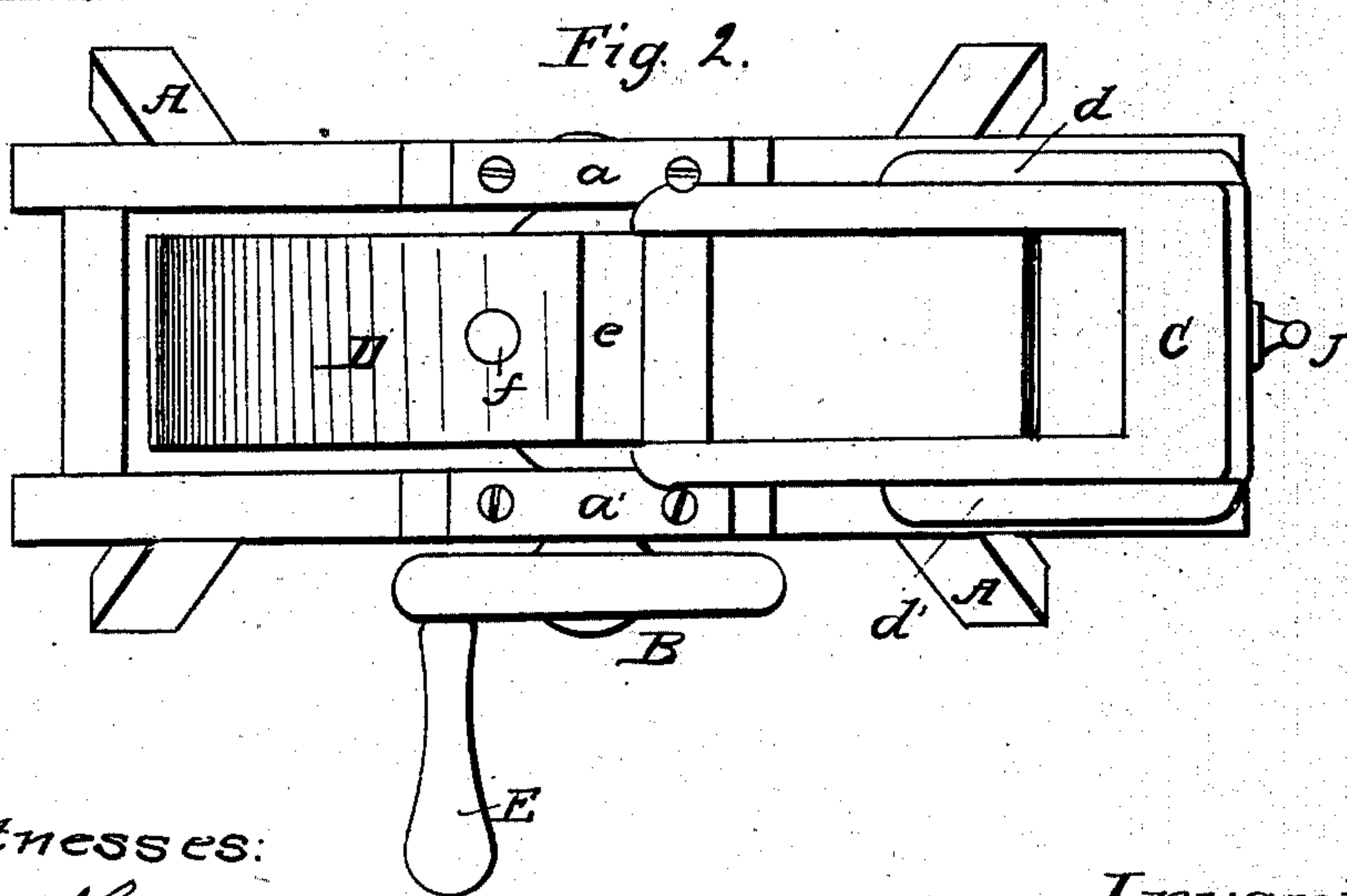
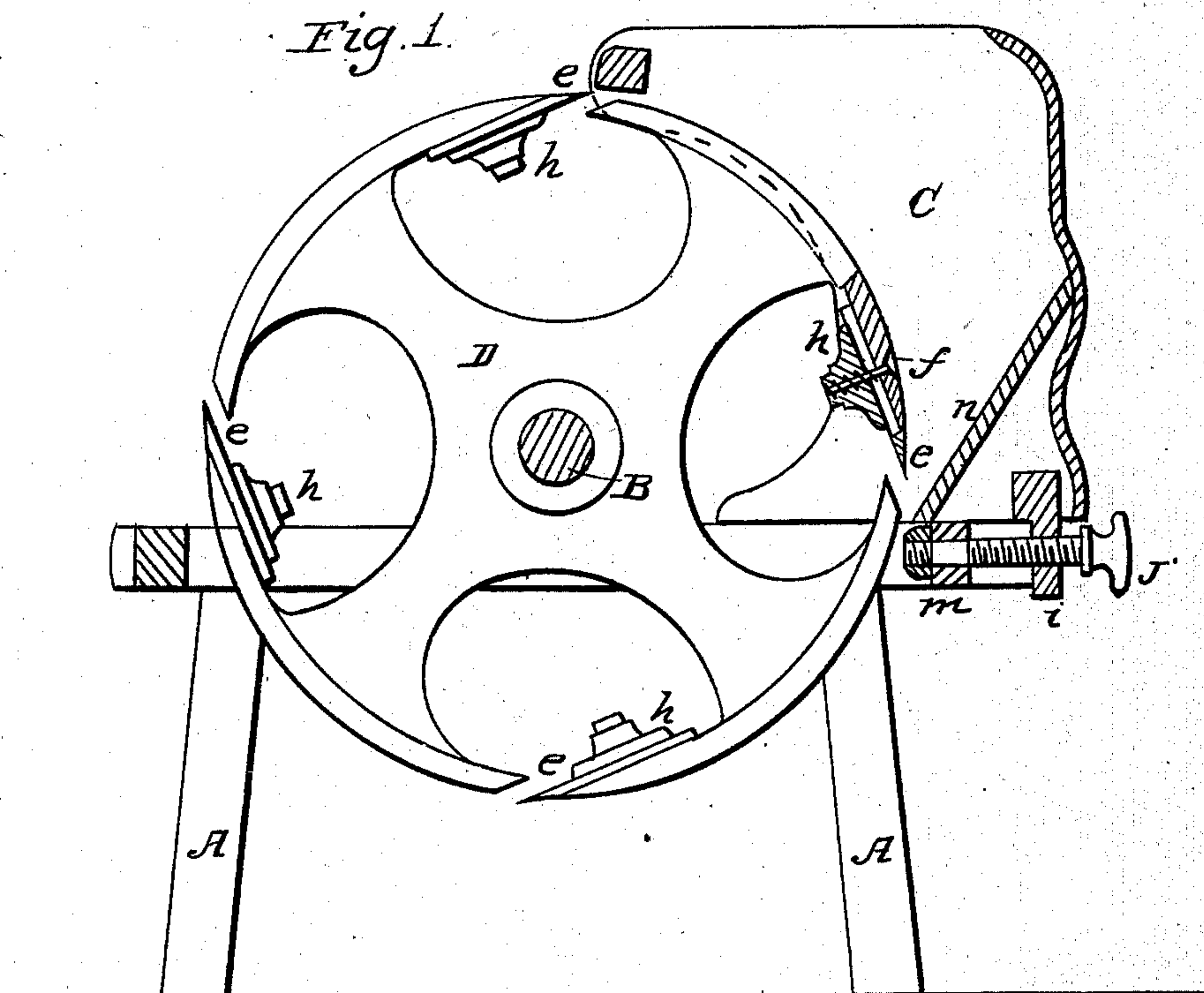


F. SCHUTTE.  
Vegetable Cutter.

No. 26,711.

Patented Jan'y 3, 1860.



Witnesses:  
Henry Howson  
Horace Lee

Inventor:  
Frederick Schutte

# UNITED STATES PATENT OFFICE.

FRIEDRICK SCHÜTTE, OF PHILADELPHIA, PENNSYLVANIA.

## VEGETABLE-CUTTER.

Specification of Letters Patent No. 26,711, dated January 3, 1860.

*To all whom it may concern:*

Be it known that I, FRIEDRICK SCHÜTTE, of the city and county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Apparatus for Cutting Vegetables, &c.; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing and to the letters of reference marked thereon.

My invention consists of a box or hopper having an inclined plane, and being arranged and rendered adjustable on a frame in respect to a revolving cutting wheel in the manner described hereafter so that the slices cut from the vegetable &c. by the said wheel may be varied in thickness at pleasure.

In order to enable others to make and use my invention I will now proceed to describe its construction and operation.

On reference to the accompanying drawing, which forms a part of this specification, Figure 1, is a sectional elevation of my improved apparatus for cutting vegetables &c. and Fig. 2, a ground plan.

A, is the frame of the machine supporting suitable boxes  $a$  and  $a'$  in which turns the shaft B. To the latter is secured a pulley D, the rim of which is cut away at four points situated at equal distances from each other. Near each opening of the rim and to the inside of the latter is secured a knife  $e$  by means of a screw F which passes through the rim, through an oblong slot in the knife, and screws into the washer  $h$ , so that by turning the screw the knife may be loosened from its position and withdrawn in order to be sharpened, readjusted to its proper position and there secured, at pleasure.

On the top of the frame A and in front of the cutting pulley D is situated a box C, open in front in order to allow the pulley liberty to revolve freely within it, and also open at the top for the admission of vegetables and other articles to operated upon by the knives.

The box C, fits in guides  $d$  and  $d'$ , secured to the top of the frame A, and in a projection  $i$ , secured to the under side of the box, fits a screw  $j$ , the end of which is so secured to a cross bar  $m$  of the frame that it can

turn freely therein, but have no longitudinal or vertical movement.

To the inside of the box is secured an inclined plane  $n$ , the upper end of which rests against the end of the box, the lower end terminating at or near the level of the top of the frame A.

The vegetables or other articles being placed within the box, a rotary motion is imparted to the pulley D, by turning the handle E, on the shaft B, or by a strap passing around a suitable pulley secured to the same shaft. As each knife in succession passes through the box, a portion of the substance in the latter will be sliced off, the slice passing through the opening in the rim and finally falling into any suitable receptacle placed under the frame.

The inclined plane  $n$  by its peculiar position renders the apparatus self feeding, the knives having a tendency to drag the portions of the vegetables down to a given point before the slice is cut off, hence the thickness of the slice depends upon the position to which the box C is adjusted in respect to the cutting pulley. By turning the screw  $j$ , the box may be so moved that the lower end of its inclined plane  $n$ , may be brought nearer to or removed farther from the track of the knives, at pleasure. When the plane is nearest to the pulley the slices will be thinnest, the slices increasing in size as the plane is moved back from the pulley; as long as the box remains in one position however, the slices will be all of one thickness.

Without claiming the separate use of the revolving cutting wheel, I claim as my invention and desire to secure by Letters Patent—

The box or hopper C, having an inclined plane  $n$  and being arranged and rendered adjustable on the frame A, in respect to the cutting wheel C, as and for the purpose herein set forth.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

FRIEDRICK SCHÜTTE.

Witnesses:

HENRY HOWSON,

CHARLES D. FREEMAN.