

(No Model.)

A. J. KLIDZIO.

SUPPORTING CASE FOR VEGETABLE SLICING MACHINES.

No. 328,410.

Patented Oct. 13, 1885.

Fig. 1.

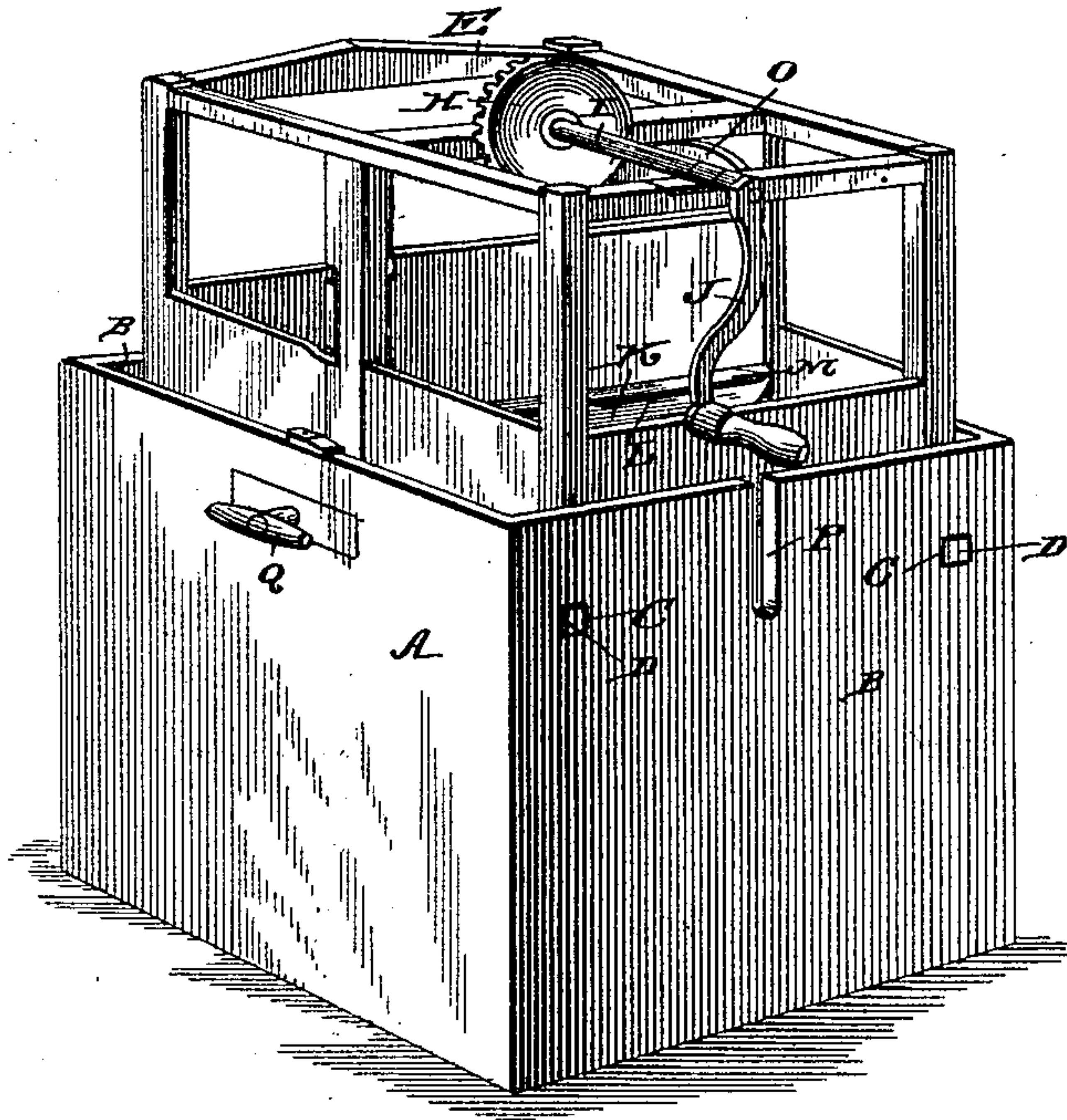


Fig. 2.

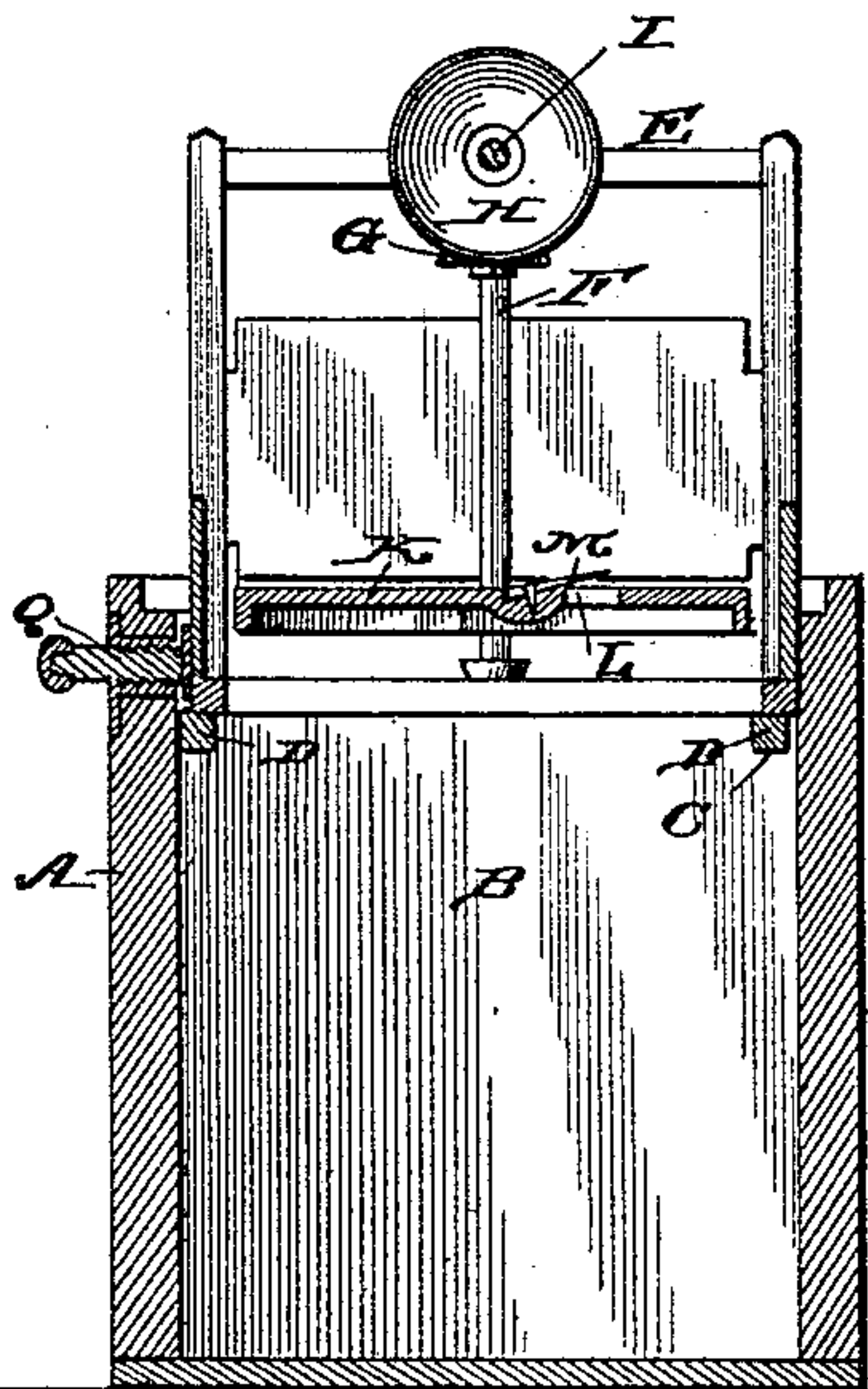
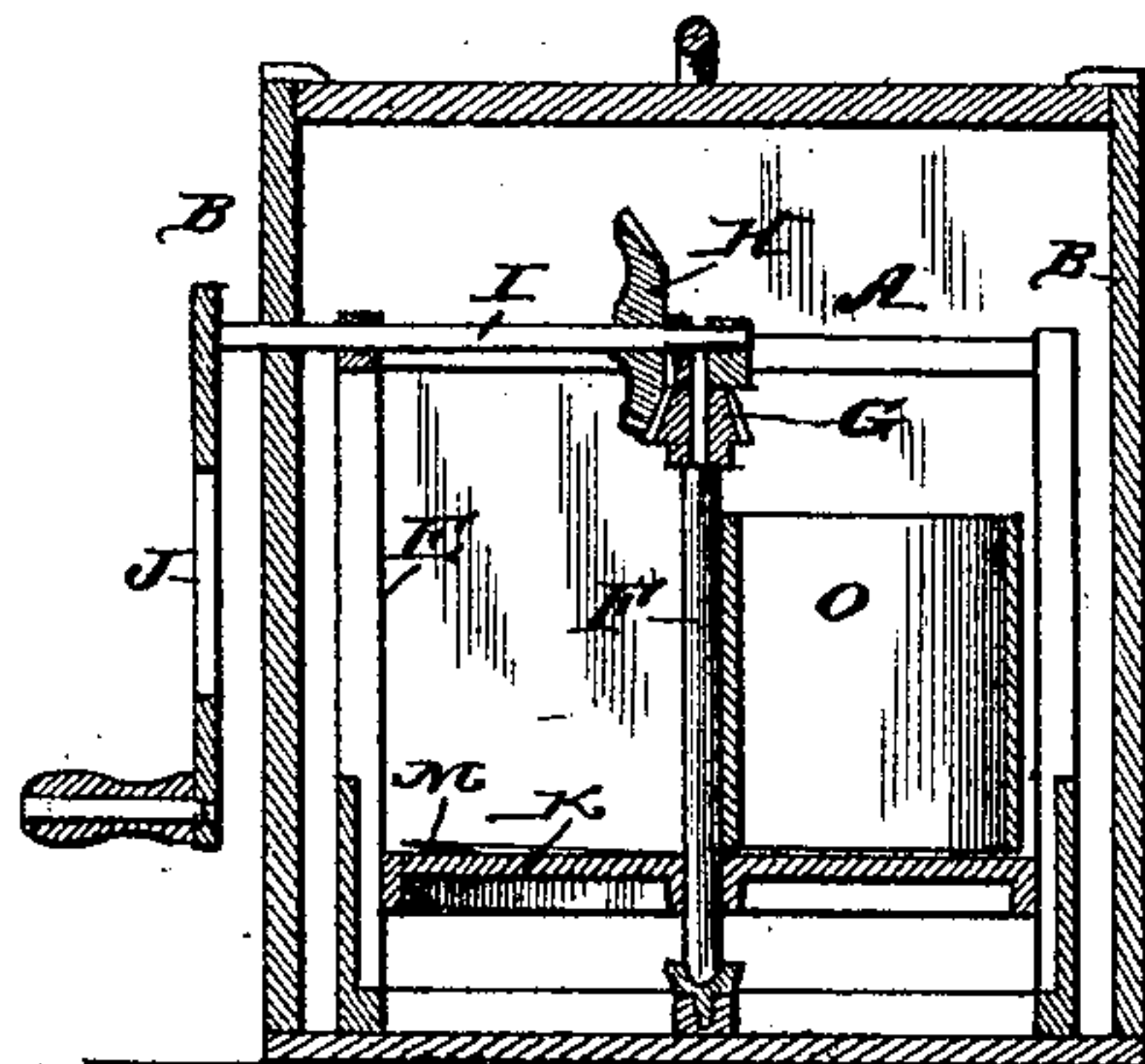


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

ANTHONY J. KLIDZIO, OF NANTICOKE, PENNSYLVANIA, ASSIGNOR OF ONE-THIRD TO M. E. SANDERS, OF SAME PLACE.

SUPPORTING-CASE FOR VEGETABLE-SLICING MACHINES.

SPECIFICATION forming part of Letters Patent No. 328,410, dated October 13, 1885.

Application filed May 23, 1885 Serial No. 166,473. (No model.)

To all whom it may concern:

Be it known that I, ANTHONY J. KLIDZIO, a citizen of the United States, and a resident of Nanticoke, in the county of Luzerne and State of Pennsylvania, have invented certain new and useful Improvements in Supporting-Cases for Vegetable-Slicing Machines; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my invention, showing the same in position for operation. Fig. 2 is a vertical transverse sectional view of the same. Fig. 3 is a vertical sectional view, showing the machine packed for storage or transportation.

The same letters refer to the same parts in all the figures.

This invention relates to that class of machines which are known as "vegetable-slicers," and which are used for cutting or slicing various vegetables—such as potatoes, beets, and other roots, cabbage, and the like—for various uses and purposes; and it has for its object to provide a device of this class which shall possess superior advantages in point of simplicity, durability, and general efficiency, and which may be easily packed into a small space, when not in use, for storage or transportation.

With these ends in view the invention consists in the improved construction and arrangement of parts, which will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, A designates a suitable box or casing, which is preferably rectangular in shape, and the front and rear sides of which, B B, are provided near their upper ends or edges with openings C C, in which a pair of cross-bars, D D, are arranged detachably, as shown in Fig. 2 of the drawings, for the purpose of forming rests or supports for the frame proper of the cutter, as will be seen in the said figure.

E designates the cutter-frame, which may be of any suitable construction as regards the de-

tails of its make up, and which is provided with suitable bearings for a vertical shaft, F, the upper end of which carries a pinion, G, meshing with a gear-wheel, H, mounted upon the inner end of a horizontal shaft, I, the outer end of which is provided with a crank, J, by means of which it may be conveniently manipulated.

Mounted upon the lower end of the shaft F is a circular disk or cutter-wheel, K, provided with slots L, and inclined knives or cutters M, which may be set at any desired angle, and the edges of which may be allowed to project to any desired extent to cut slices of such thickness as may be desired off the vegetables, which may be placed for the purpose upon the face of the wheel or disk K, over which a suitable hopper, O, of semi-cylindrical or other suitable shape, is to be constructed.

The frame E is to be made of such a size and shape as to fit neatly in the box or casing A, and the front side of the latter is to be provided at its upper edge with a vertical slot or notch, P, to receive and accommodate the projecting end of the shaft I. One of the sides of the casing is also provided near its upper end with a clamping-screw, Q, which may be brought to bear against one of the sides of the frame E, when the latter is supported upon the cross-bars D D, as shown in Fig. 2 of the drawings, thereby securing the device in position for operation.

The operation and advantages of this invention will be readily understood from the foregoing description, when taken in connection with the drawings hereto annexed.

When it is desired to use the machine for the cutting or slicing of vegetables, the frame E is taken out of its box or casing, the cross-bars D D are adjusted in the slots C C of the latter, and the frame E placed thereon and fastened by means of the clamping-screw. The vegetables to be sliced are then placed in the hopper O and the wheel K revolved by the mechanism provided for the purpose, with the result of causing the slices to drop into the box A, from whence they may afterward be readily removed. After operation the frame A is restored to its box or casing, as shown in Fig. 3 of the drawings. It will thus be seen

that the box A serves a triple purpose—viz., first, as a casing for the frame E of the cutter when the latter is not in use; secondly, as a base by which the said frame is supported and
5 elevated to a proper position for operation; and, thirdly, as a receptacle for the sliced vegetables.

I would have it understood that in the manufacture of this machine I do not limit myself
10 to the precise construction and arrangement of details herein described; but reserve to myself the privilege of making all such modifications as may be resorted to without departing from the spirit of my invention.

15 Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. The combination, with the case, the front and rear sides of which are provided with per-
20 forations near their upper edges, of detachable cross-pieces which support the machine-

frame inserted through said perforations, and a clamping-screw passing through one wall of the case and serving to secure the machine-frame in position, substantially as and for the
25 purpose set forth.

2. The combination, with the case having perforations in the front and rear sides and a slot in one of said sides to receive the operating-shaft of the machine when the latter is
30 within the case, of a pair of cross-pieces passed through said perforations and serving to support the machine in an elevated position, and a clamp-screw for securing the machine in such position, substantially as set forth.
35

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

ANTHONY J. KLIDZIO.

Witnesses:

JOSEF SELECKI,
J. F. BROADT.