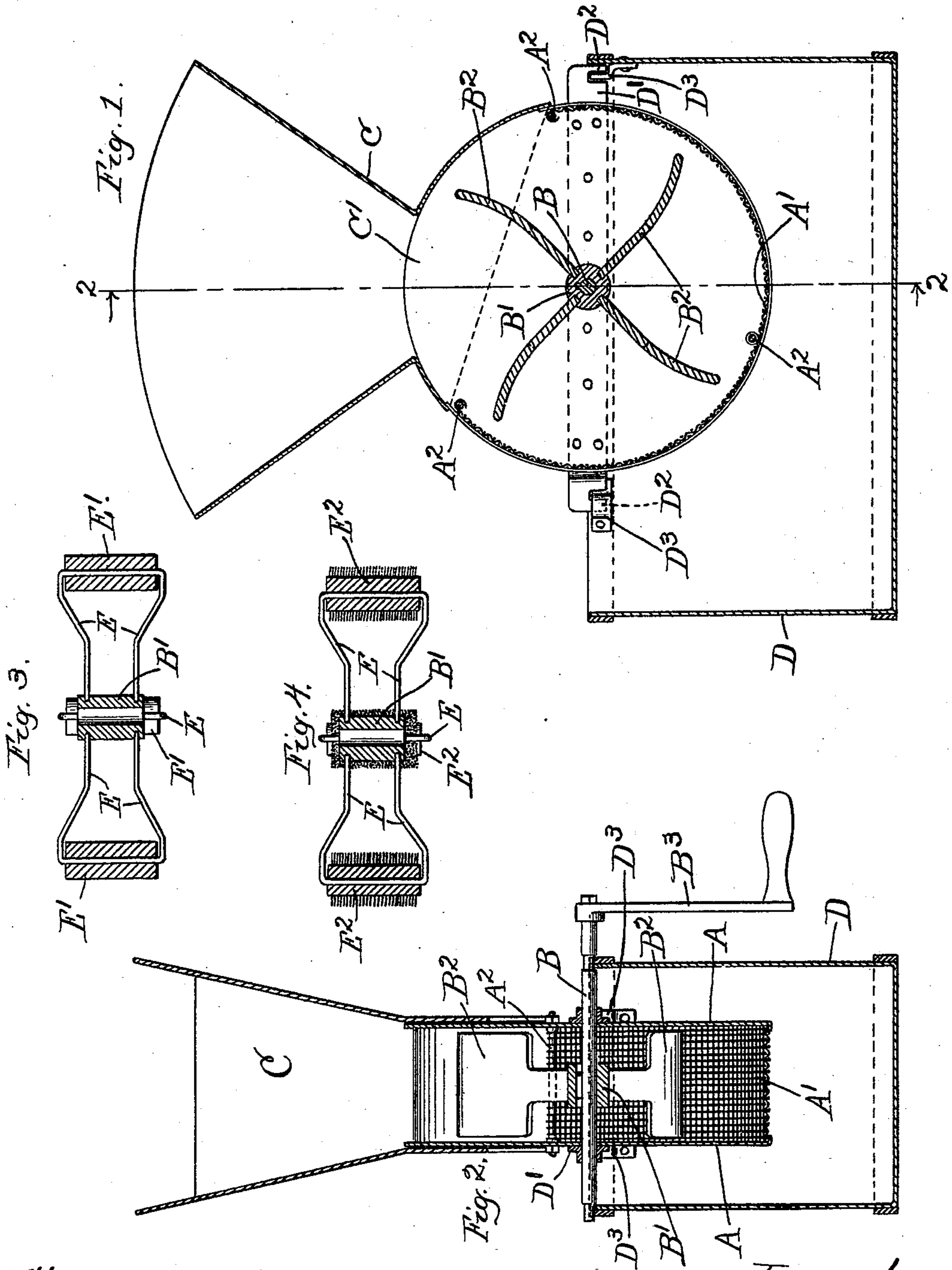


(No Model.)

P. PATROLI.  
VEGETABLE MASHER.

No. 583,544.

Patented June 1, 1897.



Witnesses.  
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# UNITED STATES PATENT OFFICE.

PHILIPP PATROLI, OF CHICAGO, ILLINOIS.

## VEGETABLE-MASHER.

SPECIFICATION forming part of Letters Patent No. 583,544, dated June 1, 1897.

Application filed October 26, 1895. Serial No. 567,223. (No model.)

*To all whom it may concern:*

Be it known that I, PHILIPP PATROLI, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Vegetable-Mashers, of which the following is a specification.

My invention relates to vegetable-mashers or the like, and has for its object to provide a new and improved vegetable-food mashing or straining device, of which the following is a description, reference being had to the accompanying drawings, wherein—

Figure 1 is a vertical section through a device embodying my invention. Fig. 2 is a section on line 2 2, Fig. 1. Figs. 3 and 4 show modified forms of paddles to be used with my device.

Like letters refer to like parts throughout the several figures.

As shown in the drawings, a case A, preferably circular, is provided with a network A', which extends around the greater portion of its periphery. A shaft B passes through the case A and has connected therewith the hub B', feathered upon the shaft, as shown. Connected to this hub are a series of wings or paddles B<sup>2</sup> B<sup>2</sup>. These paddles are moved around within the case when the shaft B is rotated, and are preferably of such length as to be easily moved within the case without coming in contact with the network A'. A hopper C is removably connected with the case A, such case being provided with an opening C', through which material placed in the hopper may pass into the case. The sides of the case A are held together by means of the rods or rivets A<sup>2</sup> A<sup>2</sup>. The shaft B is provided with a crank B<sup>3</sup>, by which it may be rotated.

The case A is supported in any convenient manner over the box or receptacle D, so that when the material placed in such case is forced through the network A' it will drop into such receptacle.

As shown in the drawings, the case A is removably connected with the receptacle D by means of the strips D'. These strips are connected one to each end of the case and are provided with downwardly-projecting parts D<sup>2</sup> D<sup>2</sup>, which engage the supporting-pieces D<sup>3</sup> D<sup>3</sup> upon the receptacle D.

As shown in Fig. 3, the hub B' has connected therewith the wires E E, to which are connected the rollers E' E'. These rollers may be used in the place of the paddles B<sup>2</sup> B<sup>2</sup> when desired. As shown in Fig. 4, a series of brushes E<sup>2</sup> E<sup>2</sup> are connected with the wires E E and may be substituted for the paddles B<sup>2</sup> B<sup>2</sup>.

I have described the several parts of a device embodying my invention, but it is evident that I may use other and different parts than are herein described, and I therefore do not wish to be limited to the construction herein shown and described.

In the drawings I have shown the network A' as consisting of a series of wires crossing each other at an angle, but it is evident that I may use any sort of a straining device, such as a device made from a continuous piece of material having holes extending there-through. I desire to have the word "network" understood as describing any such straining device.

The use and operation of my invention are as follows:

When it is desired to mash vegetables or the like before serving them, such vegetables or other material are placed in the hopper C and are conveyed by the opening C' to the interior of the case A. The shaft B is now rotated, and the paddles B<sup>2</sup>, coming in contact with the material in the case, drag such material along the surface of the network A' and force it therethrough.

It will be seen that the construction of my device insures the rapid passage through the network A' of the material placed within the case. Instead of using the paddles B<sup>2</sup>, I may use the rollers E' or the brushes E<sup>2</sup>. The rollers E' would be used when it is desired to pass meats of any sort through the netting A', and the brushes E<sup>2</sup> would be used when the device is used to strain soup. When it is desired to clean the device, the shaft B is slipped out of the hub B' and the paddles and hub removed through the opening C', the hopper C being first removed, if desired. All material that is passed through the network A' is caught and held by the receptacle D.

I claim—

1. A food-mashing device comprising a drum-shaped case, having substantially solid



ends, a portion of the periphery of said case being open and the remainder being covered by means of a network, a shaft passing through said case, and provided within the case with a removable hub, having arms connected therewith, said arms of such shape and so positioned that they come in contact with the material in the case when said shaft is revolved and force such material through the network, a strip connected to each end of said case and provided with downwardly-projecting parts adapted to engage supporting-pieces upon a receptacle, placed beneath the case, the whole so arranged that the case and receptacle may be quickly and easily separated and connected together, and a removable hopper adapted to be placed over the open part of the periphery of said case, substantially as described.

2. A food-mashing device comprising a drum-shaped case, A, provided with a network A' extending around a portion of the periphery thereof, the remainder of said periphery being open so as to form the opening C, a shaft B passing through said case and provided within the case with a removable hub B', and a series of arms B<sup>2</sup> B<sup>2</sup> connected with said hub and adapted to be rotated within the case, said arms so positioned that they come in contact with the material in the case when the shaft is revolved and force such material through the network, a receptacle D beneath said case adapted to receive the material that passes through the network, a strip B' on each side of said case provided

with downwardly-projecting parts D<sup>2</sup> which engage the supporting-pieces D<sup>3</sup> upon the receptacle D, whereby the case may be lifted from or connected with the receptacle at will, and a removable hopper C adapted to cover the opening C'.

3. A food-mashing device comprising a drum-shaped case A, provided with a network A' extending around a portion of the periphery thereof, the remainder of said periphery being open so as to form the opening C', a shaft B passing through said case and provided within the case with a removable hub B', a series of bent loops of wire E E connected with said hub, a series of rotating brushes E<sup>2</sup> E<sup>2</sup> working on said loops of wire, said brushes so positioned that they come in contact with the material in the case when the shaft is revolved and force such material through the network, a receptacle D beneath said case adapted to receive the material that passes through the network, a strip D' permanently fastened to each side of said case and provided with downwardly-projecting parts D<sup>2</sup>, supporting-pieces D<sup>3</sup> on said receptacle D and adapted to engage the parts D<sup>2</sup> on the strip D', the whole so constructed that the case may be easily and quickly removed from and attached to said receptacle, substantially as described and for the purpose specified.

PHILIPP PATROLI.

Witnesses:

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