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PROVISIONAL SPECIFICATION.

“Improvements relating to Potato Cutting or Slicing Machines.”

We, CARL BEUER, Gentleman, and HUGO POLLAK, Manufacturer, both of 34 Zieglergasse, Vienna VII, in the Empire of Austria, do hereby declare the nature of this invention to be as follows:—

5 This invention relates to potato cutting or slicing machines by means of which the potatoes may be cut either into ordinary flat slices or into oblong pieces of square section.

10 The device is mounted on a box which surrounds a drawer which serves as a receptacle for the cut potatoes. The top portion of the box is formed with an aperture, and above this latter is a plunger formed with projections which slide in grooved guides. The said plunger is connected to and is operated by a two-armed lever pivoted upon the box and controlled by a lever in such a manner as to normally keep the plunger in a raised position.

15 On both sides of the edges of the aperture are provided guide rails or bars for the retention of the cutting tool which is of suitable design and form and is slidden into its place so as to fill the said aperture and to be flush with the top surface of the box.

The action of our improved machine is as follows:

20 The potatoes to be cut are placed upon the cutting tool and are then pressed down by means of the plunger by depressing the lever in connection therewith, and in this manner the potatoes are forced into the cutting tool so as to be cut into slices or pieces which fall into the drawer beneath.

25 The cutting tool is composed of two series of blades disposed at right angles to each other and forming square openings whereby the potatoes are cut into oblong pieces, or the cutter may be provided with parallel blades only for cutting the potatoes into slices.

Dated this 11th day of July 1900.

HASELTINE LAKE & Co

45 Southampton Buildings, London, W.C. Agents for the Applicants.

COMPLETE SPECIFICATION.

30 **“Improvements relating to Potato Cutting or Slicing Machines.”**

We, CARL BEUER, Gentleman, and HUGO POLLAK, Manufacturer, both of 34 Zieglergasse, Vienna VII, in the Empire of Austria, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

35 This invention relates to potato cutting or slicing machines by means of which
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Improvements relating to Potato Cutting or Slicing Machines.

the potatoes may be cut either into ordinary flat slices or into oblong pieces of square section.

In order that our invention may be readily understood and carried into effect we will describe the same fully with reference to the accompanying drawings in which

Figure 1 is a vertical section of a potato cutting machine embodying this invention taken on the line A B of Figure 2.

Figure 2 is a plan, and

Figure 3 a detail.

The device is mounted on a box *a* which surrounds a drawer *b* which serves as a receptacle for the cut potatoes. The top portion of the box *a* is formed with an aperture, and above this latter is a plunger *g* formed with projections *m* which slide in grooved guides *n*. The said plunger is connected to and is operated by a two-armed lever *c* pivoted upon the box *a* and controlled by a lever *r* in such a manner as to normally keep the plunger *g* in a raised position.

On both sides of the edges of the aperture are provided guide rails or bars *p* for the retention of the cutting tool *h* which is of suitable design and form and is slidden into its place so as to fill the said aperture and to be flush with the top surface of the box.

The action of our improved machine is as follows.

The potatoes to be cut are placed upon the cutting tool and are then pressed down by means of the plunger *g* by depressing the lever *c* in connection therewith, and in this manner the potatoes are forced into the cutting tool *h* so as to be cut into slices or pieces which fall into the drawer *b* beneath.

The cutting tool shown in Figures 1 and 2 is composed of two series of blades disposed at right angles to each other and forming square openings whereby the potatoes are cut into oblong pieces, or the cutter may be provided with parallel blades only for cutting the potatoes into slices as shewn in Figure 3.

Having now particularly described and ascertained the nature of our said invention, and in what manner the same is to be performed, we declare that what we claim is:—

A device for cutting potatoes consisting mainly of a box enclosing a drawer and having an aperture in its top portion covered by a removable cutting tool formed with blades arranged either parallel or crosswise according to the shape of the pieces it is desired to obtain, and having above it a spring controlled lever-operated plunger adapted to press the potatoes through the said cutter substantially as described and illustrated by the accompanying drawings.

Dated this 13th day of March 1901.

HASELTINE LAKE & Co.,

45 Southampton Buildings, London, W.C. Agents for the Applicants.

Fig. 1.

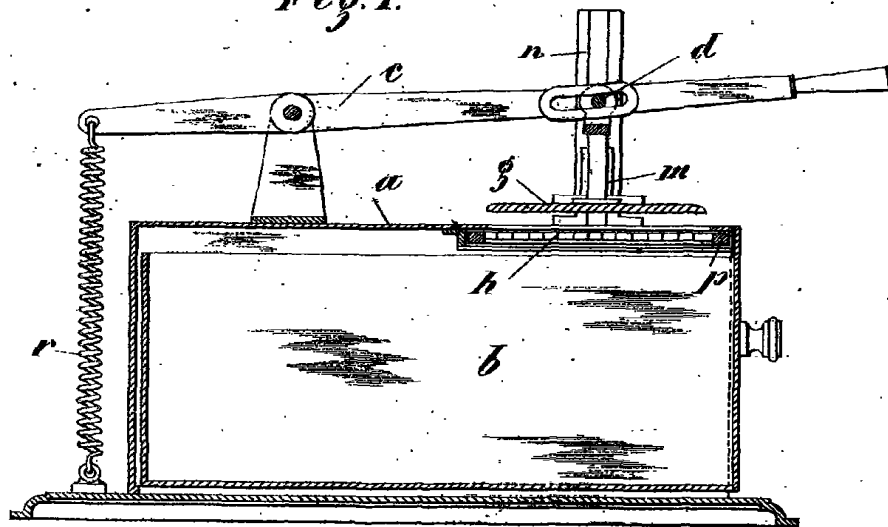


Fig. 2.

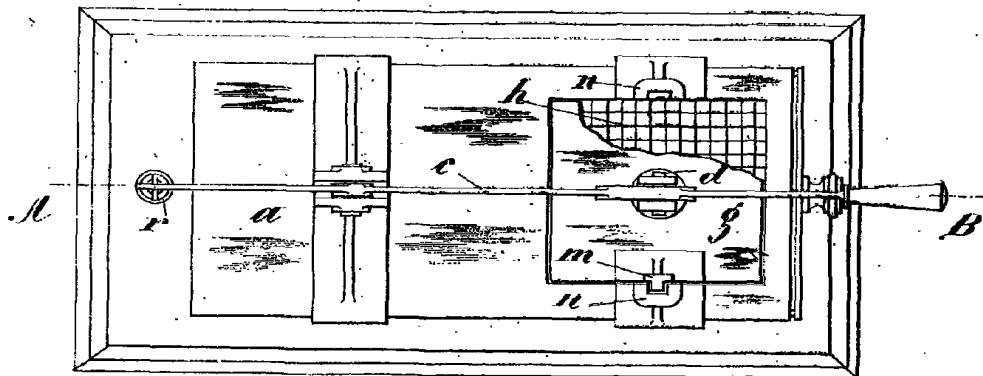
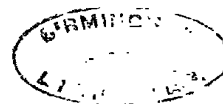
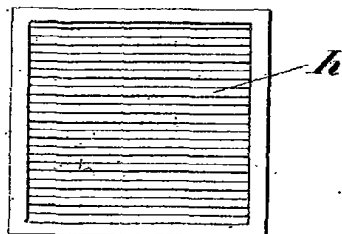


Fig. 3.



[This Drawing is a reproduction of the Original on a reduced scale]