

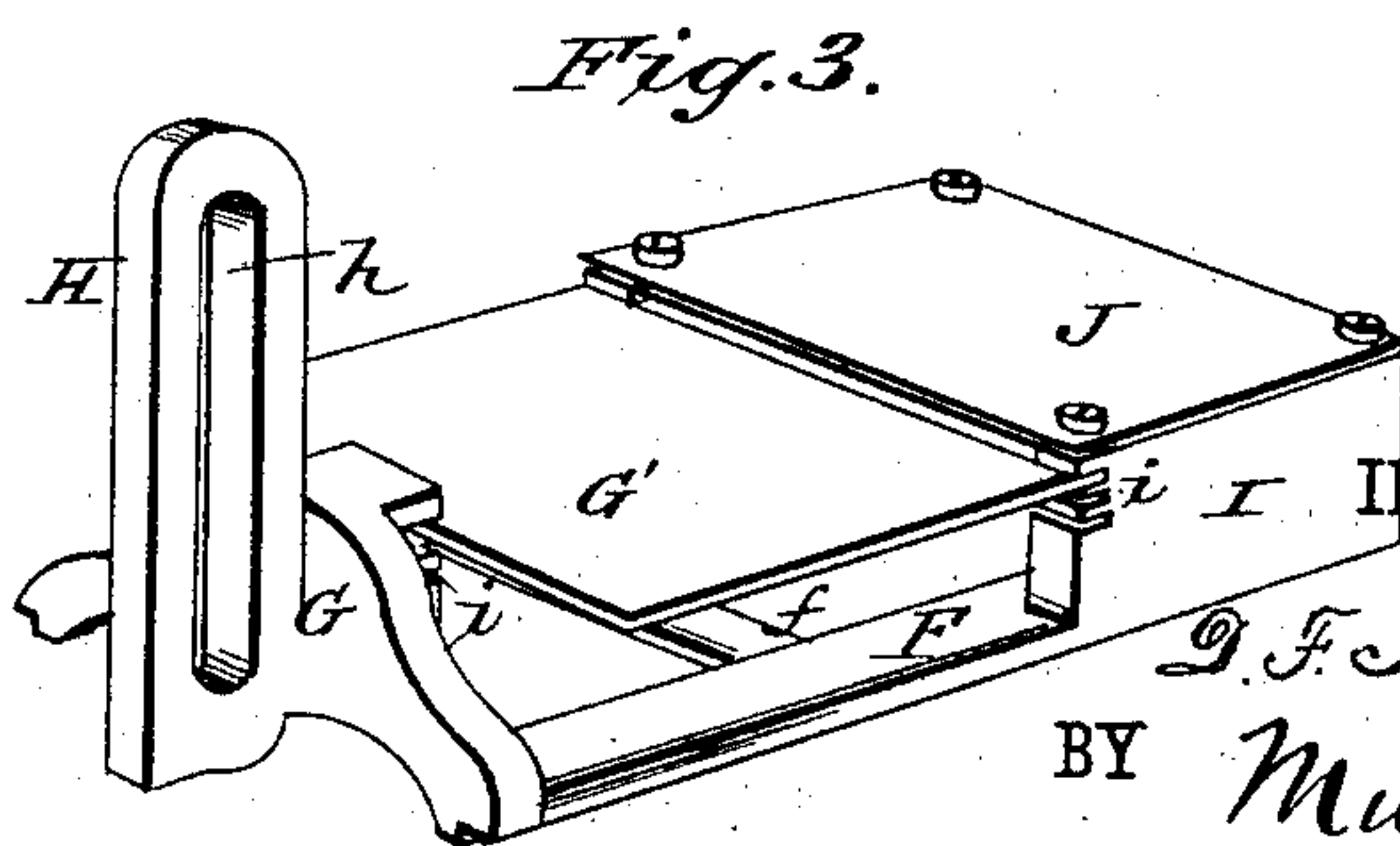
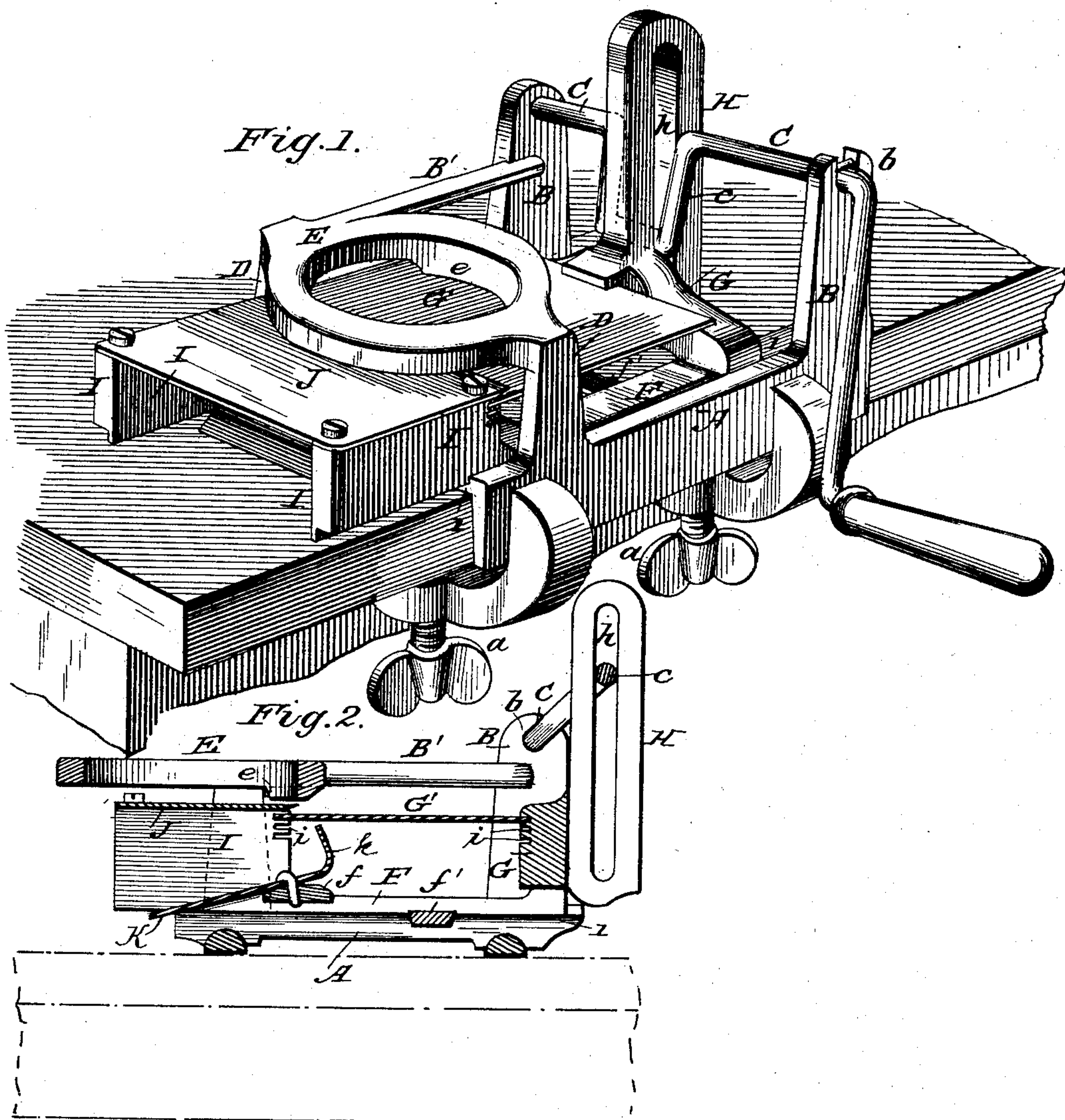
(No Model.)

D. F. McDONALD.

VEGETABLE SLICER.

No. 375,646.

Patented Dec. 27, 1887.



WITNESSES:  
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# UNITED STATES PATENT OFFICE.

DAVID FULTON McDONALD, OF LAKE BUTLER, FLORIDA.

## VEGETABLE-SLICER.

SPECIFICATION forming part of Letters Patent No. 375,646, dated December 27, 1887.

Application filed August 31, 1887. Serial No. 248,426. (No model.)

*To all whom it may concern:*

Be it known that I, DAVID FULTON McDONALD, of Lake Butler, in the county of Bradford and State of Florida, have invented a new and useful Improvement in Vegetable-Slicers, of which the following is a specification.

My invention is an improved vegetable-slicer; and it consists in certain features of construction and novel combinations of parts, as will be hereinafter described and claimed.

In the drawings, Figure 1 is a perspective view of the machine, a part of a table or stand, to which it is clamped, being also shown. Fig. 2 is a longitudinal section of the machine, and Fig. 3 is a detail perspective view of the sliding carriage.

My machine comprises a main frame and a sliding carriage supported therein and provided with the cutter or knife and with the gage.

The main frame A is preferably provided with clamps *a*, to facilitate the attachment of the machine to a suitable table or stand. Shears or rails 1 are provided on the main frame for the sliding carriage, and such frame also has uprights B B at one end, furnishing bearings *b* for the crank-shaft C, and has at or near its opposite end uprights D, on which is mounted the receiver E, made preferably of a shallow ring. This ring, as stated, is mounted on the uprights D, and for the purpose of strengthening the construction I usually connect it with one of the uprights B by a brace-rod, B', as shown. At its inner side—that is to say, the side next the crank-shaft—the ring E has a depending flange or lip, *e*, alongside of which the cutter acts in the operation of the machine.

The carriage has a body or frame portion formed with side bars, F F, cross-bars, *f f'*, and a front piece, G, the latter, in the construction shown, being provided with a vertical extension or bar, H, in which is formed a slot, *h*, for the crank *c* of the crank-shaft C. Side plates, I, are provided on the bars F. The cutter or blade J is fixed rigidly to said side plates, and has its inner side formed with a cutting-edge. The gage-plate G' has its rear edge extended under the forward or cutting edge of the knife or cutter, and is adjustably supported, so it may be set nearer to or farther from the cutter, as desired. In the construction shown in Figs. 1 and 3 this is effected by providing the side plates, I, and

the front piece, G, with slots *i*, arranged in series one above the other; and fitting the gage-plate therein. By setting the gage-plate into different ones of these slots the machine may be readily adjusted to cut the vegetables in slices of any suitable thickness desired.

In operation it will be seen that the gage-plate serves also as a rest-plate or support, on which the vegetables rest, and as the carriage is reciprocated the vegetables will be cut into slices and drop onto the plate K, whence they may drop into a suitable receptacle. This plate K rests and is secured at its inner end on the bar *f*, and has an upturned flange, *k*, at said inner end to prevent the slices from being forced forward off the forward end of the discharge-plate.

Having thus described my invention, what I claim as new is—

1. The combination of the framing having shears or ways for the carriage, the carriage having side bars, F, provided with side plates, I, and with a front piece, G, said plates I and piece G being provided with series of notches *i*, opening toward each other, the knife J, fixed on the side plates, I, the gage-plate G', fitted in the notches *i* and adjustable from pair to pair thereof, and the receiver E, substantially as set forth.

2. A machine, substantially as described, comprising a carriage and a main frame having guides for the carriage, and provided with uprights D D and B B, a ring-shaped receiver, E, and a brace-bar, B', connecting the ring E with one of the uprights B, substantially as and for the purposes specified.

3. In a vegetable-slicer, the carriage-frame having slots *i*, formed in series, and the cutter secured on said carriage-frame, in combination with the gage-plate fitted to said slots *i*, and adjustable substantially as and for the purposes specified.

4. In a machine substantially as described, the combination of the framing having shears or ways for the carriage, the carriage having a cutter or blade, J, and a gage-plate, G', the plate K, having an upturned flange or portion, *k*, at its inner end, and an overhanging receiver, E, substantially as set forth.

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