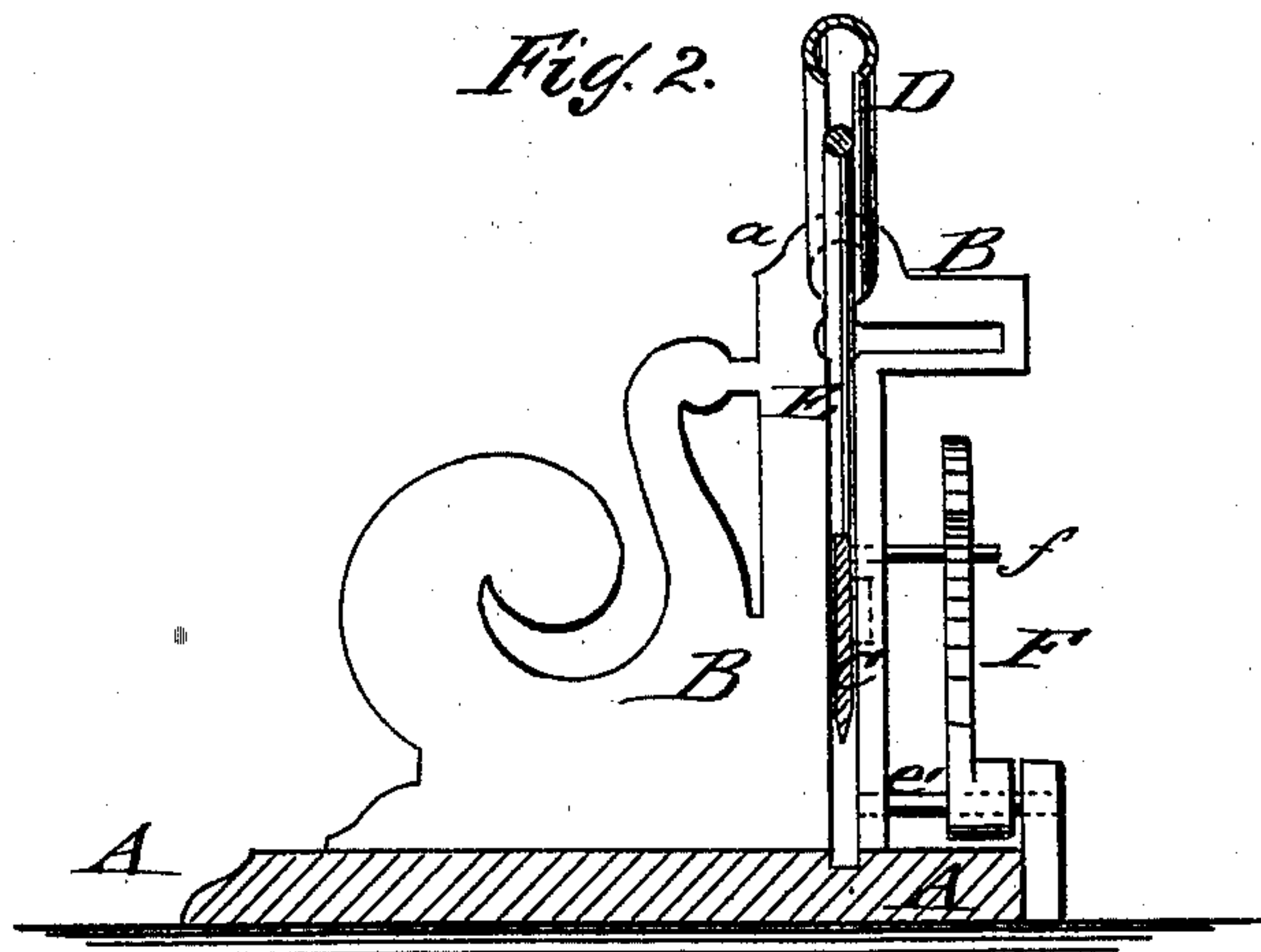
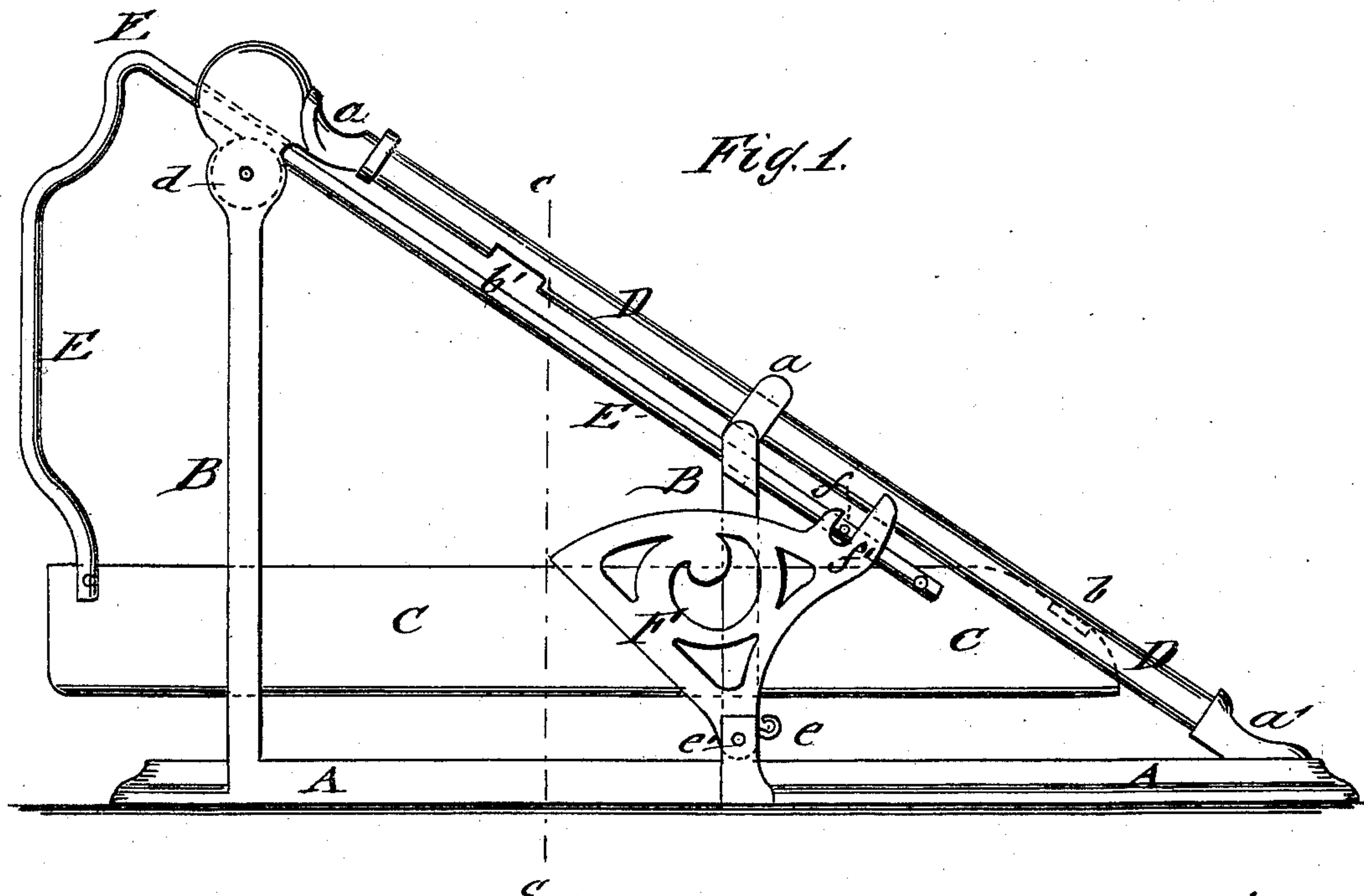


M. WALSH & M. AHEARN.
BREAD-CUTTER.

No. 171,072.

Patented Dec. 14, 1875.



WITNESSES:

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UNITED STATES PATENT OFFICE,

MAURICE WALSH, OF SILLERY COVE, AND MAURICE AHEARN, OF OTTAWA,
CANADA.

IMPROVEMENT IN BREAD-CUTTERS.

Specification forming part of Letters Patent No. **171,072**, dated December 14, 1875; application filed
September 11, 1875.

To all whom it may concern:

Be it known that we, MAURICE WALSH, of Sillery Cove, in the Province of Quebec, and MAURICE AHEARN, of Ottawa, in the Province of Ontario and Dominion of Canada, have invented a new and Improved Bread-Slicer, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a side elevation of our improved bread-slicer, and Fig. 2 a vertical transverse section of the same on the line *c c*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of our invention is to furnish for hotel, restaurant, boarding-house, family, and other uses an elegant and compact machine for slicing bread, dried beef, vegetables, &c., by which slices of any suitable thickness may be cut in convenient and rapidly-operated manner.

In the drawing, A represents the bed-piece of the slicer, which is either placed loosely on the table or other support, or permanently fastened thereto, by clamping or other screws. Slotted end and middle uprights or posts B guide the knife C and support in top sockets *a* an inclined tube, D, that is slotted in longitudinal direction at the under side, and seated at its lower end in a socket, *a'*, of the base or bed-piece A, forming a triangular knife-guiding frame with the same and the upright posts. A cross-head, *b*, of the knife end slides in the slotted tube D, and retains the knife securely in the tube during the sliding motion of the same, being introduced therein by a recess, *b'*, at the upper end of the tube D. The knife C is attached to a triangular frame and handle, E, which slides in recesses of the uprights, and bears mainly on a roller, *d*, of the end post B, to move easily and with small friction in the main frame. A gage, F, of triangular or other suitable shape, is attached

in front of the middle post B by a clamp-screw, *e*, to a shaft, *e'*, on which it may be adjusted toward or from the knife, according to the size of the slices to be cut. An arm, *f*, of the knife-frame E passes through a slot, *g*, of post B, engages a notch or fork, *f'*, of the gage, and raises thereby the gage with the upward motion of the knife, so that the bread or other article to be sliced can be moved up to the gage. The downward or cutting stroke of the knife throws the gage out of the way for dropping the slice in the basket or other receptacle. The knife works quickly and easily, and forms a neat and cheap device for slicing purposes.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

1. The knife-frame, provided with a projecting arm engaging in the notch or fork of pivoted swinging gage-piece, for lifting the same out of the way, to allow a removal of the cut pieces, as set forth.

2. The inclined tube of the main frame, having longitudinal slot and end recess, in combination with the cross-head of the knife end, for introducing and retaining the knife in the guide-slot, substantially as set forth.

3. The middle guide-post of the triangular main frame, having a recess or slot for the passage of the gage-operating pin *f* on the knife-frame, substantially as specified.

MAURICE WALSH.
MAURICE AHEARN.

Witnesses to the signature of MAURICE WALSH:

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Witnesses to the signature of MAURICE AHEARN:

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