

PATENTED

DEC 17 1867

W. W. Owen. & D. Kelly. Imp^d Nutmeg Grater.

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Fig. 1.

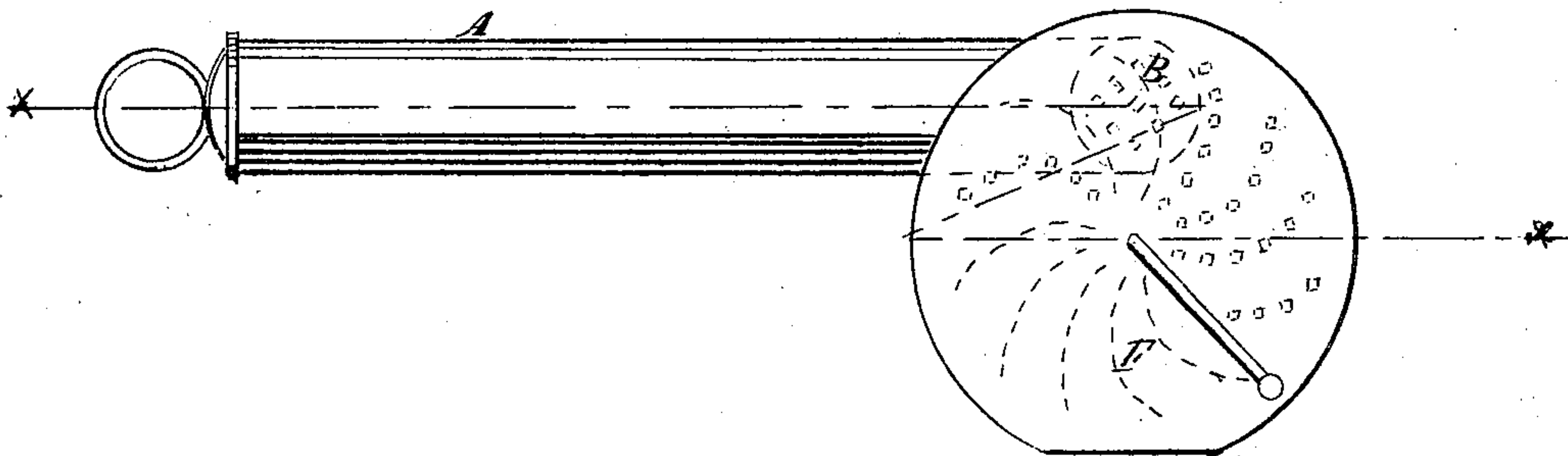
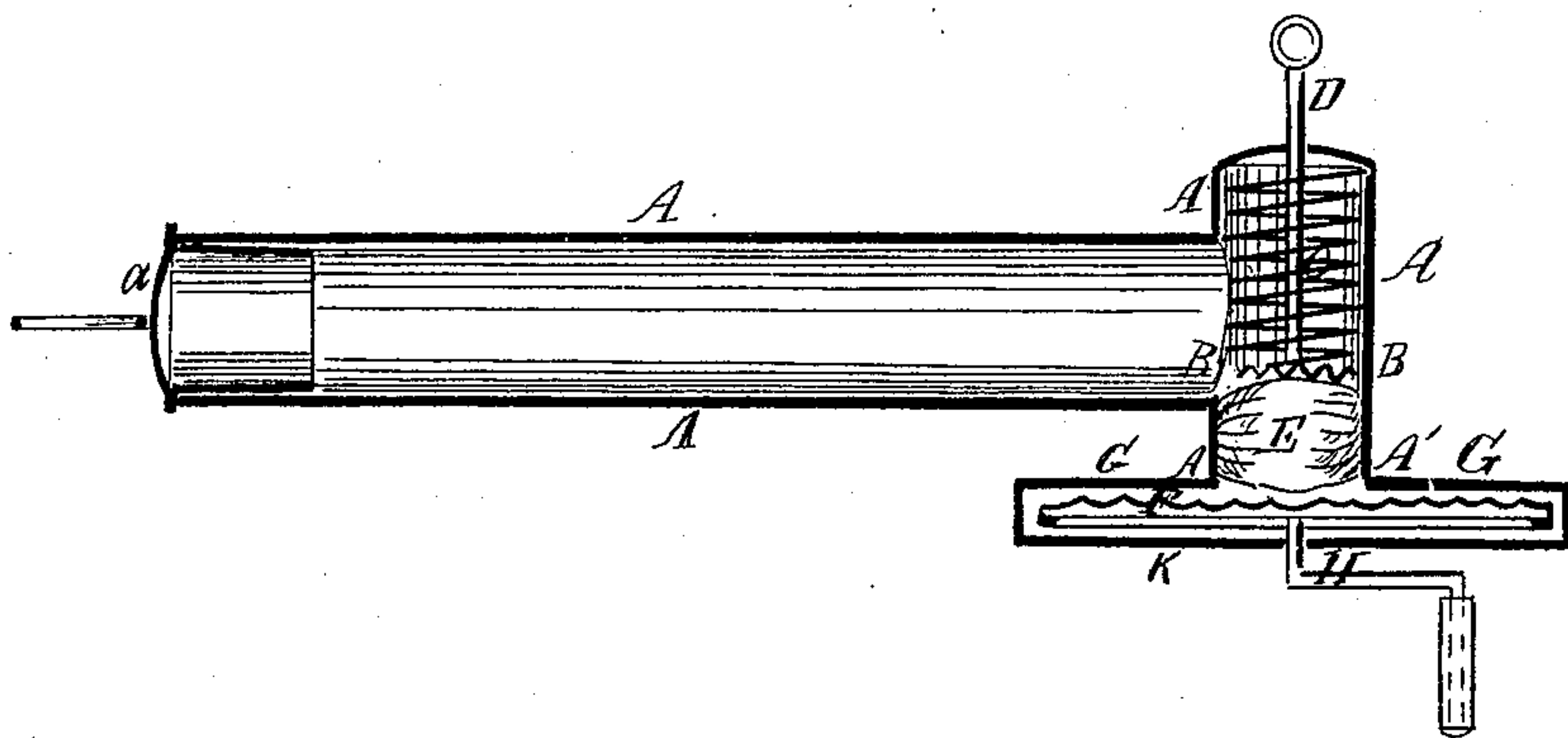


Fig. 2.



Witnesses,
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W. W. OWEN AND DANIEL KELLY, OF MUSKEGON, MICHIGAN.

Letters Patent No. 72,223, dated December 17, 1867.

IMPROVED NUTMEG-GRATER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, W. W. OWEN and DANIEL KELLY, of Muskegon, in the county of Muskegon, and State of Michigan, have invented a new and improved Nutmeg-Grater; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to an improved grater for grating nutmegs and similar substances, and consists of an L or T-shaped pipe of tin or other metal, with a spiral spring soldered at one end to a perforated grater-plate, which fits into the pipe. A small thumb-rod is fastened to this grater, and passes through the cross-piece of the pipe. A grater-wheel moves round on a wire axis secured to a plate borne on the pipe. In the accompanying drawings—

Figure 1 is a front view of our improved grater, and

Figure 2 a section thereof, at the bent line *x x*.

Similar letters of reference indicate like parts.

A A is an L or T-shaped tube, of tin or other suitable material; B, a grater-plate, to which the spring C and thumb-piece D are secured. The stopper *a* being removed, the nutmeg E is dropped in the tube, and plate B and spring C retired by the thumb-piece D, allowing the nutmeg to fall in front of the plate B, and the thumb-piece is then released, when the spring C presses the nutmeg E against the grater-wheel F, which is pinned by the handle H to the plate G, set upon the tube, and opening into it at A' A'. The handle H is then turned, carrying the grater-wheel with it, and grating the nutmeg E, in front of the plate B, between A' and A'. A cover, K, fits over the grater-wheel F, in the edge whereof a small aperture may be left, to allow such portions of the grated nutmeg as do not fall into the leg of the tube to be removed without removing the cover.

We claim as new, and desire to secure by Letters Patent—

The nutmeg-grater, constructed as described, consisting of the T-shaped tube A, whose short section is at right angles with the longer section, and has upon one end the flat circular box G, placed parallel with the longer tube, and containing the revolving grater-wheel F, said short tube receiving the plate B, spring and rod D, all arranged and operating as herein shown and described.

W. W. OWEN,
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Witnesses:

SAMUEL D. MURRAY,
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