T. MARRIOTT.

Nutmeg-Graters.

No. 145,884. Patented Dec. 23, 1873.

Fig. 1

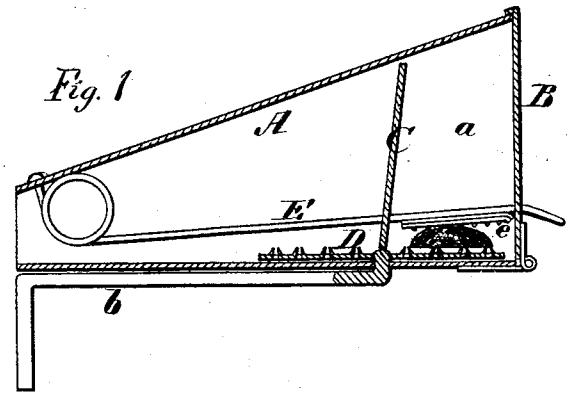


Fig. 2

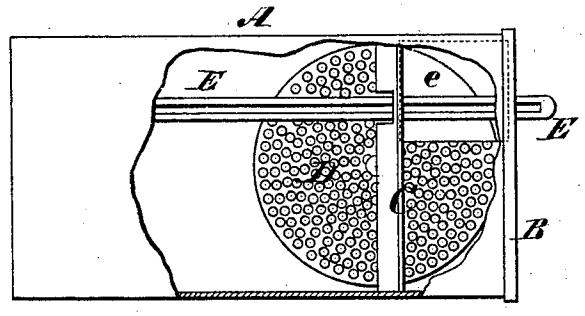
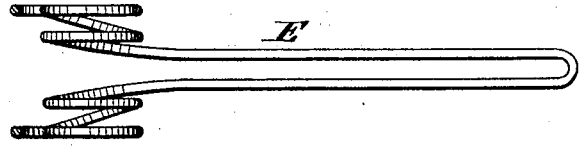


Fig. 3



Witnesses.
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UNITED STATES PATENT OFFICE.

THOMAS MARRIOTT, OF DETROIT, MICHIGAN.

IMPROVEMENT IN NUTMEG-GRATERS.

Specification forming part of Letters Patent No. **145,884**, dated December 23, 1873; application filed September 27, 1873.

To all whom it may concern:

Be it known that I, THOMAS MARRIOTT, of Detroit, in the county of Wayne and State of Michigan, have invented a new and valuable Improvement in Nutmeg-Graters; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a vertical longitudinal section of my nutmeg-grater. Fig. 2 is a bottom view of the same. Fig. 3 is a detail view.

This invention has relation to nutmeg-graters. My object is to arrange inside of a suitable box, which is divided into two apartments, a rotary rasping-disk and a spring pressure-plate, one end of the spring of which is extended through a slot made through the cover of the box, for the purpose of controlling the pressure of the plate on the nutmeg while grating it.

The following is a description of my improvement.

In the annexed drawings, A represents a tapered box, which is open at its smallest end, and closed at the opposite end by means of a hinged cover, B. Inside of this box is a fixed diaphragm, C, which forms a chamber, *a*, for containing nutmegs, and supporting the nutmeg which is in a position for being grated. D represents a rasping-disk, which is keyed on one end of a crank-handle, *b*, and arranged inside of the box A, so that one-half of it is exposed above the diaphragm C. E represents a spring-arm, which is secured to one side of the box A, near its open end, and which passes up through slots made through the diaphragm C and hinged cover B. To that portion of the spring-arm which passes through the chamber *a*, a spurred pressure-plate, *e*, is rigidly secured, between which and the disk D the nutmeg to be grated is placed, as shown in Fig. 1. The pressure-plate and its spring are arranged on one side of the center of the rasping-disk D, as shown in Fig. 2, and the disk is rotated in the direction indicated by the arrow, so that a nutmeg confined between the pressure-plate and disk will be crowded into a corner formed by one side of the box A and the diaphragm C, where it will be held in place. The extension of the spring-arm E beyond the cover B allows a person holding the box to press with the finger against the spring while rotating the rasping-disk, and thus regulate the pressure on the nutmeg. The chamber *a* can be used as a safe in which to keep nutmegs.

What I claim as new, and desire to secure by Letters Patent, is—

The rotary rasping-disk D, arranged inside of a box, A, which is divided by a diaphragm, C, in combination with a pressure-plate, *e*, applied to a spring-arm, E, which is extended through a cover, B, substantially in the manner and for the purpose described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

THOMAS MARRIOTT.

Witnesses:

ADAM I. ORTH,

STEPHEN JAMES MAY.