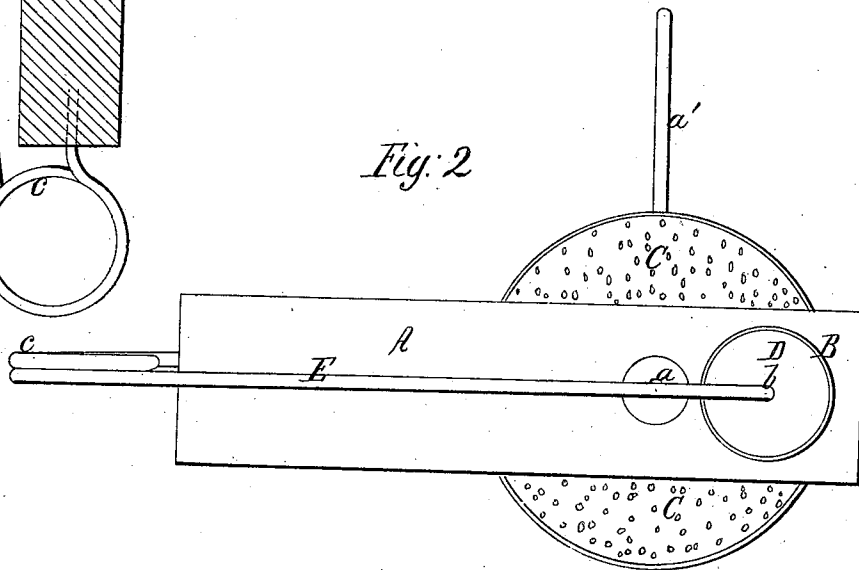
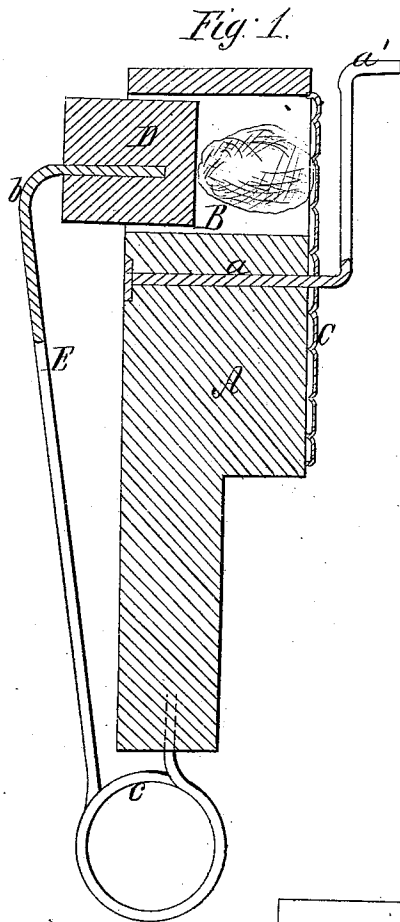


Whitney & Davis,

Nutmeg Grater,

No. 67,010,

Patented July 23, 1867.



Witnesses;
C. M. Smith
R. Leach.

R. N. Whitney Inventor;
Jo. P. Davis
by this Atty C. M. Smith

United States Patent Office.

R. W. WHITNEY AND JOSEPH P. DAVIS, OF SOUTH BERWICK, MAINE.

Letters Patent No. 67,010, dated July 23, 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 R. W. WHITNEY and JOSEPH P. DAVIS, of South Berwick, in the county of York, and State of Maine, have invented a new and useful Improvement in Nutmeg-Graters; and we do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing, making part of the same, in which—

Figure 1 is a longitudinal section of our grater taken in the line *x x*, fig. 2, and

Figure 2 is a front elevation or plan view of the same.

Similar letters of reference denote corresponding parts in both figures.

Our invention consists in a novel arrangement of a grating-disk, which is rotated by means of a crank in connection with the pocket or receptacle for the nutmeg, and a suspended piston or follower, operated, as hereinafter described, to press the nutmeg with the required force against the rotating grater-disk.

To enable others to construct and use our invention, we will describe it with reference to the drawings, in which—

A is the handle or frame of the grater, made in the form shown in the drawing, or in any other desired or convenient form, and provided with the pocket or receptacle B, for the reception and retention of the nutmeg to be operated upon. C is a disk provided with a grating surface, formed thereon in any usual manner, and mounted on a crank-shaft, *a*, which passes through the handle or frame A, and is held in place therein by means of washer and nut, as shown in the drawing; or in any other desired or convenient manner. The shaft *a* is armed with the crank *a'*, and has its bearing in the handle, in such relation to the pocket or perforation B that the disk or grater, mounted upon and turning with the said shaft, shall cover and close one end of said pocket, as shown by the drawing. D is the follower, located in the end of the pocket or perforation opposite to the disk, and mounted upon a small bent rod or wire, E, which is made in the form shown in fig. 1 of the drawing, being bent at *b* in such manner that the portion to which the follower is attached is at right angles to the handle to allow the required motion of the said follower in forcing the nutmeg against the disk C. The wire is then extended from the bend *b* in a direction parallel or nearly parallel with the frame or handle, and may be coiled, as shown at *c*, and secured in the handle, as shown in the drawing, fig. 1.

The operation is as follows, viz: The nutmeg is placed in the pocket or receptacle B, in contact with the disk, the piston being withdrawn or turned to one side to allow its insertion, when, the follower being replaced, the instrument is grasped in such manner as to place the fore-finger or thumb upon the rod E, and thereby to press the nut with the desired force against the grating-disk, which is then rotated by means of crank *a'*. This operation may be continued until the entire nut is ground or grated.

It will be observed that the bent rod E is not intended to act as a spring, but simply as a proper means of supporting and of giving the desired pressure to the follower, in the manner described; though, if preferred, it may be made elastic, in such manner as to give a gentle and regular pressure upon the nutmeg or other spice being operated upon.

Having now described the construction and operation of our invention, what we claim, and desire to secure by Letters Patent, is—

The follower D suspended upon the bent elastic wire E, in combination with the handle A and rotary grating-disk C, all arranged and operating substantially as described.

R. W. WHITNEY,
JOSEPH P. DAVIS.

Witnesses:

G. C. YEATER,
C. G. HODGDON.