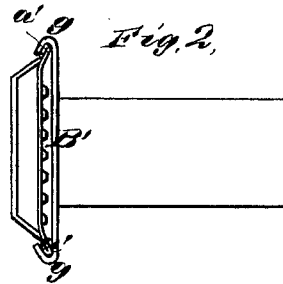
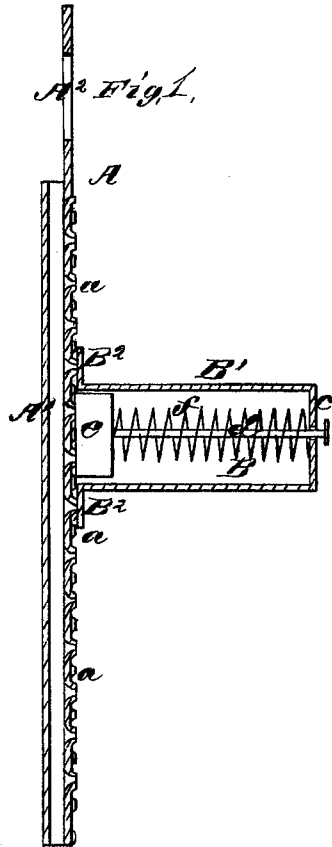


I. FOOTE.
NUTMEG GRATER.

No. 185,675.

Patented Dec. 26, 1876.



WITNESSES
W. H. Read
E. H. Bates

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UNITED STATES PATENT OFFICE.

ISAAC FOOTE, OF ST. CHARLES, ILLINOIS.

IMPROVEMENT IN NUTMEG-GRATERS.

Specification forming part of Letters Patent No. **185,675**, dated December 26, 1876; application filed June 3, 1876.

To all whom it may concern:

Be it known that I, ISAAC FOOTE, of St. Charles, in the county of Kane and State of Illinois, 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 longitudinal vertical section, and Fig. 2 is an end view, of my nutmeg-grater.

The nature of this invention consists in the construction of a nutmeg-grater, provided at the top with a hole sufficiently large to allow the passage of a nutmeg into a nutmeg-holder without separating said holder and grater; also, in the novel construction and arrangement of the parts, as will be hereinafter more fully set forth.

In the accompanying drawings, A designates a grating-plate, provided with a flat grating-surface, *a*, and side flanges *a'* *a'*, which set up slightly from said grating-surface. Rigidly attached to the rear of said grating-plate is a trough or channel, A¹, of ordinary construction, with which the perforations in grating-surface *a* communicate. Its bottom is open to discharge the grated nutmeg, which passes through said perforations. The upper extremity of plate A extends above trough A¹, and it is provided with a perforation, A², sufficiently large to allow the passage of a nutmeg. Said perforation also serves as a means of hanging up the nutmeg-grater. B designates a holder, which consists of a cylindrical casing, B¹, and flat plate B², which slides longitudinally over the grating-plate A. Cylindrical casing B¹ is provided on the outer end with a head, *c*, which is perforated in the middle to allow the movement of rod *d*, the inner end of which rod bears a follower, *e*, preferably constructed of wood, that fills the inside circumference of said cylinder. Between head *c* and follower *e* I locate a spring,

f, which operates to force follower *e* toward the grating-surface, and thereby to bring the nutmeg into position to be grated. Flat plate B² is provided with side guide-flanges *g g*, which embrace flanges *a'* *a'* on the side of grating-plate A, and thereby confine the holder B to said plate A in such manner as to allow only longitudinal motion over said grating-plate.

It is not necessary to separate holder B from grating-plate A to insert the nutmeg preparatory to grating.

The holder B may be slid longitudinally upward till the end of the follower *e* is opposite hole A². Follower *e* is then retracted by pulling on the outer end of rod *d*, and the nutmeg is passed through hole A² into the recess in cylinder B¹, left by so retracting said follower. It is then ready for grating.

I am aware that it is not new to use a grating-plate in connection with a nutmeg-holder provided with a spring to act upon the follower, and I therefore lay no broad claim to such invention; but

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

1. The combination of a nutmeg-grating plate, provided with a hole adapted to allow the passage of a nutmeg, with a cylindrical holder provided with a spring-acted follower, whereby the nutmeg may be inserted into a side holder through said grating-plate without separating the parts of the device, substantially as set forth.

2. The combination of grating-plate A, provided with trough A¹, flanges *a'* *a'*; grating-surface *a*, and perforation A², with holder B, consisting of cylindrical casing B¹, flat plate B², side guide-flanges *g g*, rod *d*, follower *e*, and spring *f*, substantially as set forth.

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

ISAAC FOOTE.

Witnesses:

H. N. WHEELER,
E. F. FURNALD.