H. H. Herrick,

Nutmeg Grater,

No. 44865. Patented Nov. 1, 1864.

Fig: 1

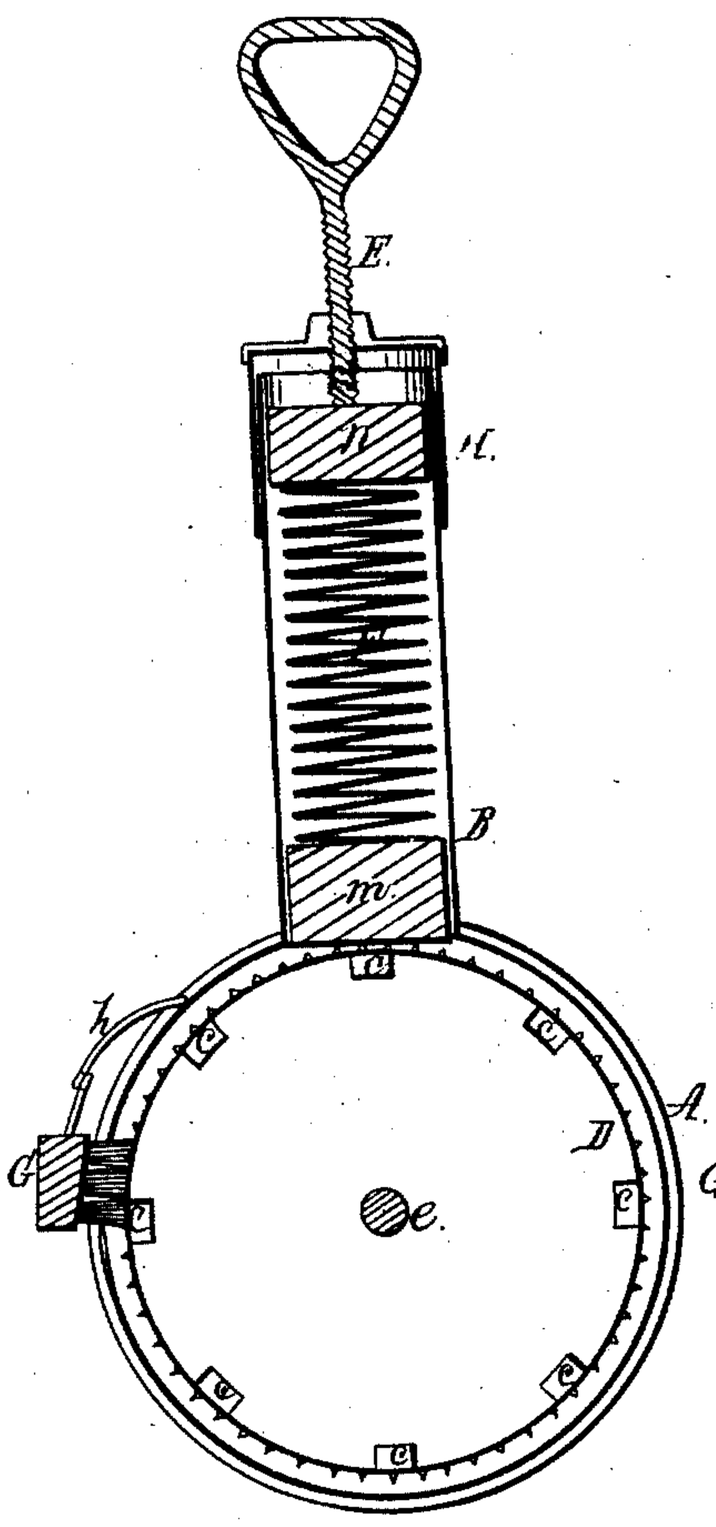
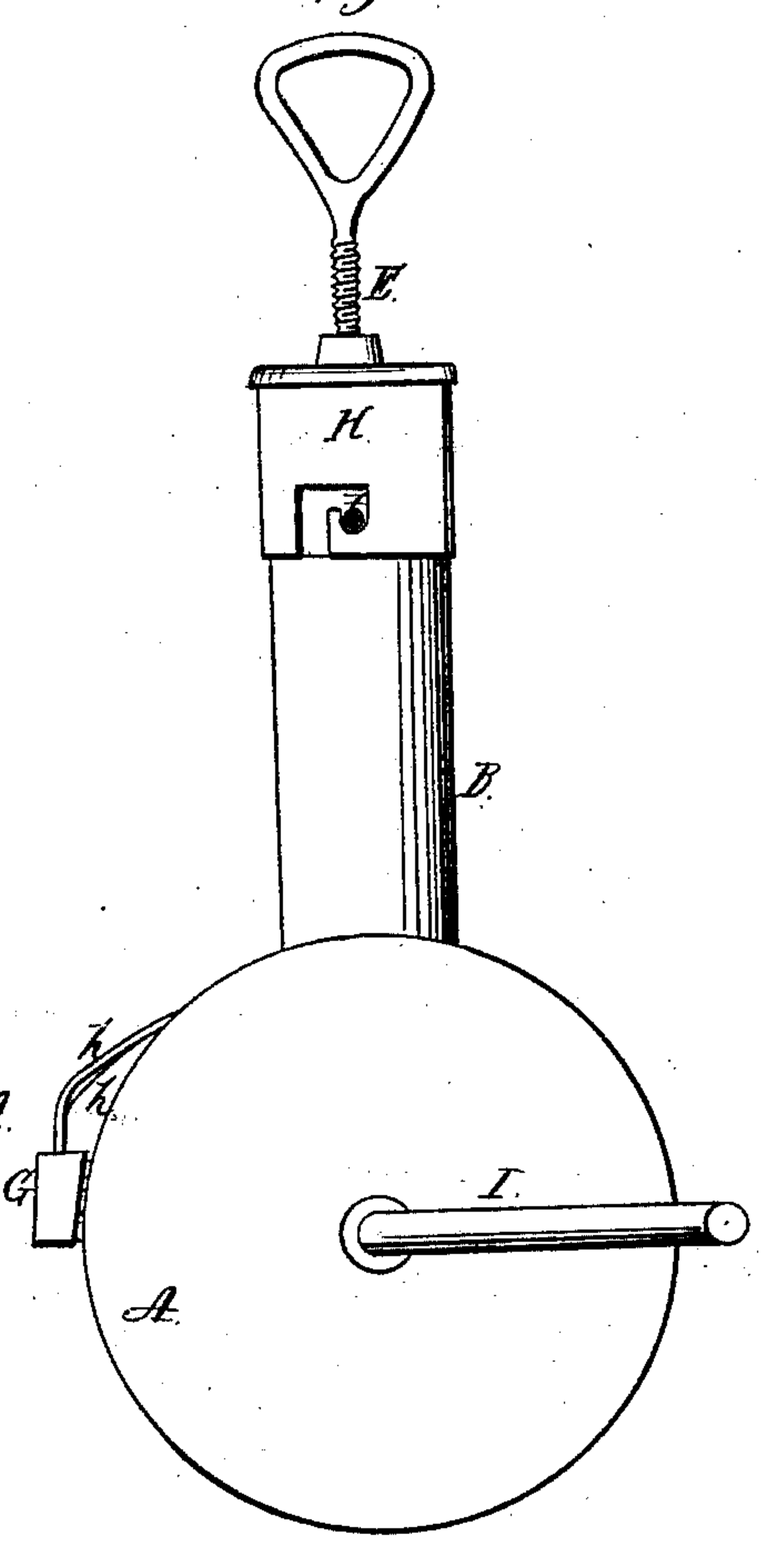


Fig: 2.



Witnesses:

Jo. C. Clayton

John P. Jacobs

Inventor:

Ibram H. Herrick

per Chas. a Lepaulon Atty.

UNITED STATES PATENT OFFICE.

HIRAM H. HERRICK, OF BOSTON, MASSACHUSETTS.

IMPROVED NUTMEG-GRATER.

Specification forming part of Letters Patent No. **44,865**, dated November 1, 1864.

To all whom it may concern:

Be it known that I, HIRAM H. HERRICK, of Boston, in the State of Massachusetts, have invented certain new and useful Improvements in Nutmeg-Graters; and I hereby declare that the following is a true and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in the use of certain mechanical devices to facilitate the grating of nutmegs.

Figure 1 in the annexed drawings represents a vertical section of my machine. Fig. 2 is a side elevation of the same.

The letter A, Fig. 2, represents the external case of my grater, which is cylindrical in form.

D represents the grater, which is inclosed in case A, and is suspended on shaft *e*, that passes horizontally through the center of A. The space between the external surface of D and the internal surface of the periphery of A will be less than the quarter of an inch. In one end of grater D, and near its periphery, is cut a series of oblong openings, C, for the purpose of admitting the grated nutmeg into the interior of the grater D.

G represents a small brush, which is inserted in an opening in the periphery of the external case, A. The brush G is kept in position by the wire braces *h* and bears upon the perforations or grating in cylinder D, for the purpose of keeping these perforations from clogging.

B represents a cylinder some three inches in length and let into A, as represented in Fig. 1.

F designates a spiral wire spring confined in cylinder B, and fastened at top to the circular wooden follower *n*, and resting at bottom on a similar block, (marked *m*.) The cylinder B, which is left open at top for the insertion of spring F, is afterward closed by the cap H.

Cylinder B has on its surface the knob *t*, which is designed to enter a slot near the lower edge of cap H, this slot being in the shape of an inverted L. When the knob enters the lateral part of the slot, the cap H is held in firm position.

E represents a thumb screw inserted into the top of cap H and pressing with its lower end on the follower *n*.

In operating my machine the nutmeg will be placed immediately under the block *m*, so as to come in contact with the grating on D. The grater D is then put in motion by means of crank I, attached to shaft *e*. The pressure on the nutmeg is kept uniform by means of thumb-screw E. As the nutmeg is grated, it will be received into grater D through the openings *c*, and can be discharged through the same openings by removing the side of cylinder A opposite to the crank.

Having thus described my machine, what I claim, and desire to secure by Letters Patent, is—

The brush G, operated in the manner and for the purpose substantially as herein set forth.

HIRAM H. HERRICK.

Witnesses:

SAML. T. COBB,

CYRUS COBB.