

United States Patent Office.

JOHN A. HOOPER, OF SOUTH BERWICK, MAINE.

Letters Patent No. 62,542, dated March 5, 1867.

IMPROVED NUTMEG-GRATER.

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

Be it known that I, JOHN A. HOOPER, of South Berwick, in the county of York, and State of Maine, have invented a new and useful improvement in Nutmeg-Graters, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents an elevation; and

Figure 2, a longitudinal section of a nutmeg-grater, with my improvement.

My invention consists in the employment of a cylindrical grater fitting within an opening in a handle or holder, and in which latter the grater is made to reciprocate, the same being used in connection with a spring and plunger that serve to hold the nutmeg against the grater during the operation of grating until the nutmeg is entirely ground or grated.

Referring to the drawings, A A' represent a holder, provided near one end with a transverse circular opening, as shown in fig. 2, in which is fitted, so as to move freely therein, a cylindrical grater, B C. This grater is formed partly of a semi-cylindrical piece of perforated metal, C, and partly of a solid piece, as shown at B, thus leaving a space for the particles of grated nutmeg to pass through and out of the same. The grater is open at one end, and provided with a handle, B,' at the other end. The longitudinal edges of the perforated portion C are made to project at right angles on either side, forming flanges *a a'*, which fit in corresponding grooves in the holder and serve to retain the grater in proper position during the operation of grating. Pins *e e* are also provided on the ends of the grater to prevent the same from slipping out of the holder A. One end of the holder A' forms a hollow cylinder communicating with the transverse opening in which the grater is placed. In this cylinder is arranged a block or follower, F, attached to a coiled spring, *m*, which is confined in the said cylinder by means of a plug or cap, D, in any suitable manner.

The nutmeg N is placed within the cylindrical portion A' of the holder, in contact with the grater C, against which it is pressed by means of the follower F and spring *m*, the grater being then moved to and fro in the holder, thoroughly grinding up the nutmeg.

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

The combination of the reciprocating cylindrical grater, B C, provided with flanges *a a'*, the holder A A', the follower F, and spring *m*, when constructed and operating substantially as and for the purpose specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN A. HOOPER.

Witnesses:

G. C. SEATON,
O. K. GRANT.