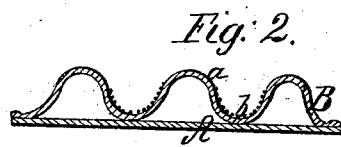
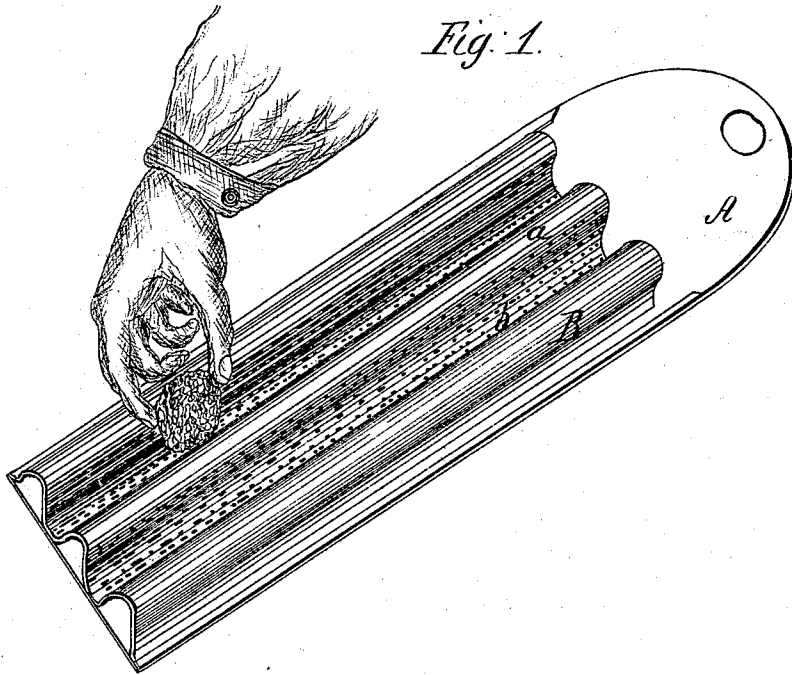


C. A. Durgin,
Nutmeg Grater,
N^o 66,689, Patented July 16, 1867.



Witnesses;

James Gorton
Edward C. Allen

Inventor;
C. A. Durgin

United States Patent Office

CHARLES A. DURGIN, OF NEW YORK, N. Y.

Letters Patent No. 66,689, dated July 16, 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 I, CHARLES A. DURGIN, of the city, county, and State of New York, have invented a new and improved Grater; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, figures, and letters of reference thereon, making part of this specification. Of the said drawings—

Figure 1 is a perspective view; and

Figure 2, a transverse section of said grater.

Similar letters of reference indicate like parts on all the drawings.

In the use of convex graters, at present used for domestic and other purposes, the hands of the operator are often injured by coming in contact with the roughened surface, while the article or substance being reduced will slip about on the convex surface unless held with considerable force thereto.

My invention completely obviates these objections, and consists in the employment and use of roughened grooves or furrows, in which the article to be grated is moved to and fro.

To enable others skilled in the art to make and use my invention, I will describe the construction and use thereof.

To a metal plate, A, is secured, by soldering or a rim turned down, a metal plate, B, provided with one or more roughened grooves *b*, the ridges or projections *a* being left smooth over and along which the fingers of the operator glide while the material is being grated. It will be obvious that a grater thus made will reduce the substance to be grated much faster than a convex grater, as a larger surface of the substance is acted upon. The roughened grooves *b* being of a size to correspond, or nearly so, with the size of the article to be reduced, may be of different sizes upon the same plate, for larger or smaller articles.

Having thus fully described my invention, I claim as a new article of manufacture a grooved or concave grater, substantially as described and specified.

C. A. DURGIN.

Witnesses:

JAMES GORTON, Jr.,
EDWARD E. OSBORN.