

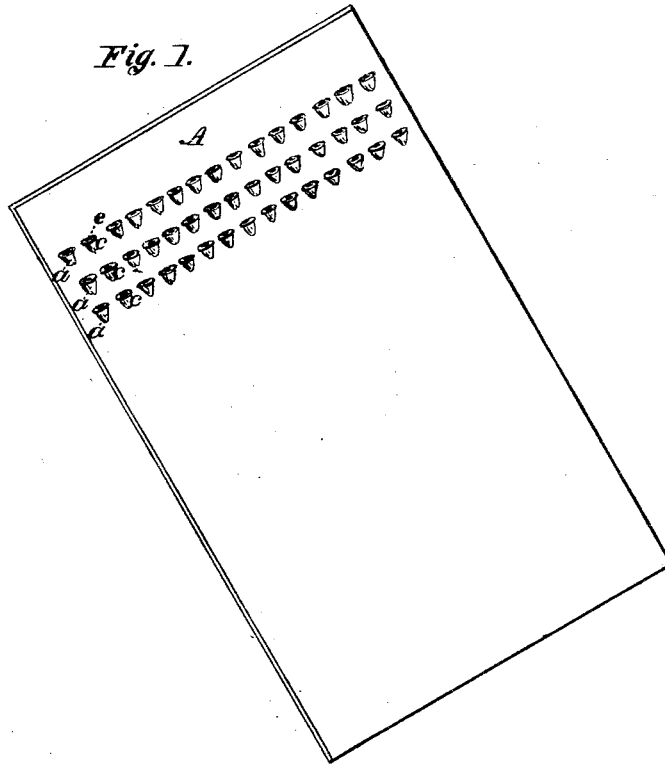
H. S. Shepardson,

Spice Grater,

No. 49,836.

Patented Sept. 5, 1865.

Fig. 1.



Witnesses:

John D. Patton
N. W. K. M. W. M.

Inventor:

H. S. Shepardson
by A. B. Stoughton, Atty.

UNITED STATES PATENT OFFICE.

H. S. SHEPARDSON, OF SHELBURNE FALLS, MASSACHUSETTS, ASSIGNOR
TO H. S. SHEPARDSON & CO.

GRATER FOR SPICES AND FRUITS.

Specification forming part of Letters Patent No. **49,836**, dated September 5, 1865.

To all whom it may concern:

Be it known that I, H. S. SHEPARDSON, of Shelburne Falls, in the county of Franklin and State of Massachusetts, have invented certain new and useful Improvements in Graters for Rasping Fruit, Spices, &c., or in the Punching of Metal Plates therefor; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing, making a part of this specification, in which—

Figure 1 represents a plate punched for the purpose, but of course the grater may be of any of the shapes or forms used for such purposes.

My invention consists in the shape, form, and arrangement of the punched holes so as to leave a fin or rasping edge on the portion stamped down or through, and also a throat through which the rasped or grated material may pass through and be delivered from the plate or grating-surface.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same with reference to the drawing.

The plate A is punched from the under to-

ward the upper surface of the same, as seen in the drawing, so as to form a series of holes, *c*, margined by fin-like or rasping edges *a*. The material grated on these edges passes through these holes or throats, and there is a channel or indentation, *e*, in the metal, leading from the throat downward, that guides the material through and makes it of easy delivery on the opposite side from where the grating is done. The series of lips or fins margining the throats form a ledge or projection on the grating-surface, so as to readily catch and rasp off anything moved against said lips or fins. After the plate or plates are punched, as above stated, they may be put into any of the usual shapes or forms in which grates are used.

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

Punching a plate or plates for graters so as to have a fin or lip, a throat, and a conducting-channel, substantially as herein described and represented.

H. S. SHEPARDSON.

Witnesses:

ARTHUR MAXWELL,
S. H. SAWYER.