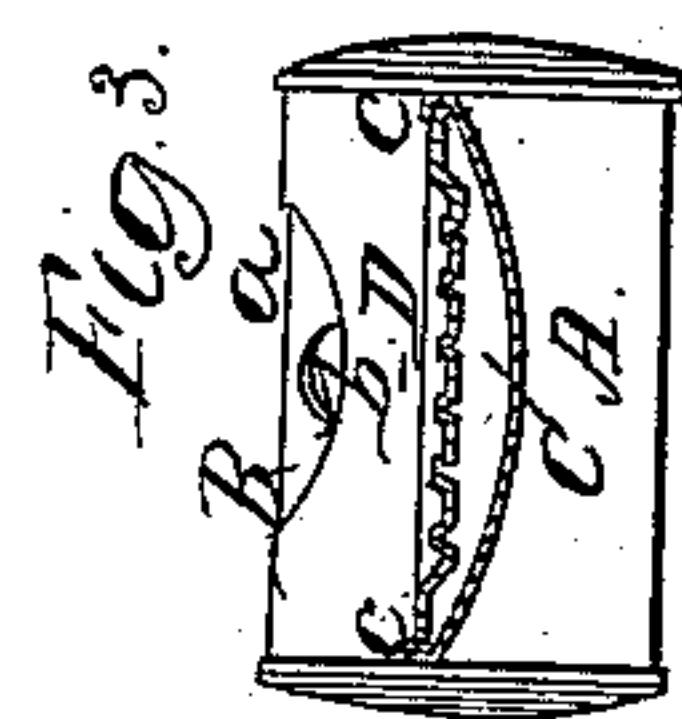
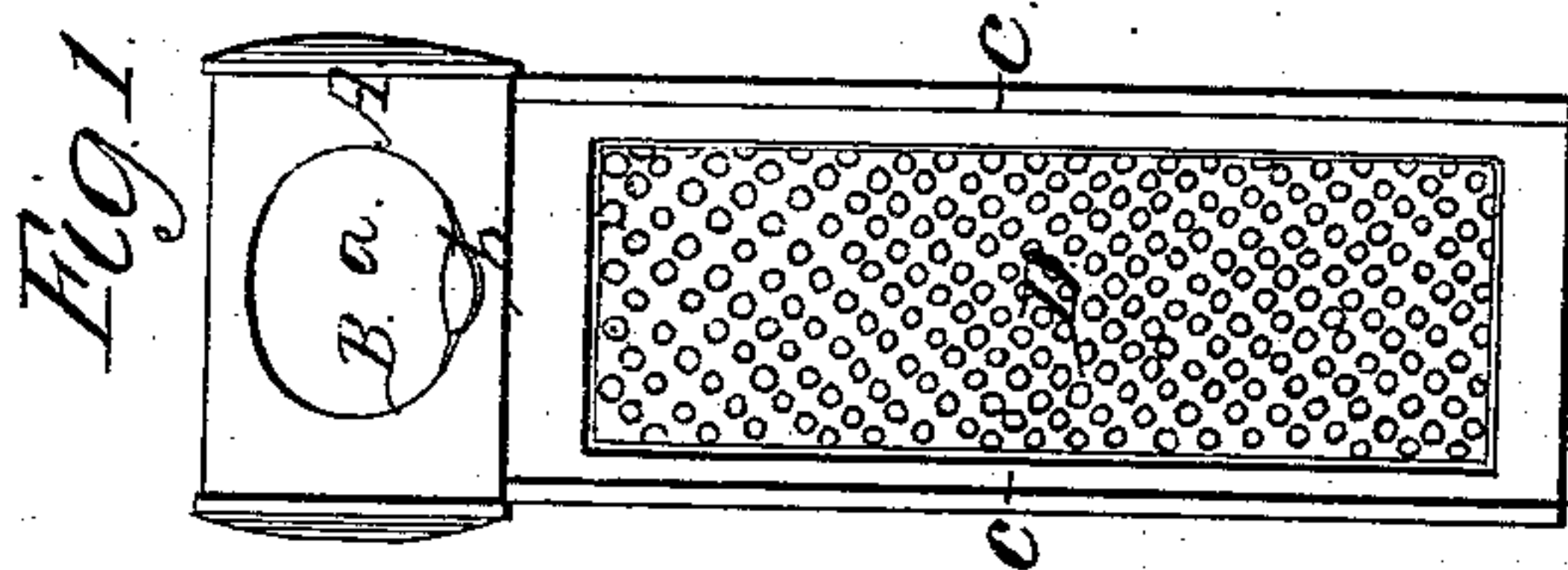
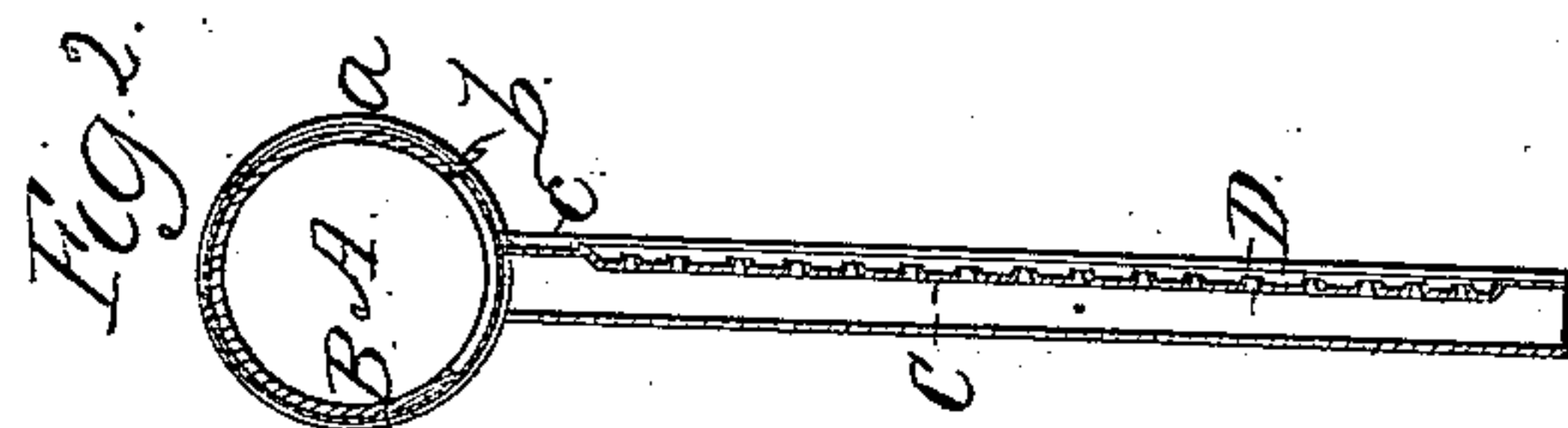


W. Bradley,
Nutmeg Grater,
No 61,511, Patented Jan. 29, 1867.



Witnesses:
Geo. M. Andrews
Samuel O. Piper

William Bradley,
by his attorney
R. V. Eddy

United States Patent Office.

WILLIAM BRADLEY, OF LYNN, MASSACHUSETTS.

Letters Patent No. 61,511, dated January 29, 1867.

IMPROVED NUTMEG GRATER.

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

TO ALL PERSONS TO WHOM THESE PRESENTS SHALL COME :

Be it known that I, WILLIAM BRADLEY, of Lynn, in the county of Essex, and State of Massachusetts, have invented an improved Nutmeg Grater; and do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a front elevation.

Figure 2, a longitudinal section; and

Figure 3, a transverse section of it, the latter section being taken through the spout and the abrasive plate thereof.

In the drawings, A denotes a cylindrical box, having an opening or hole, *a*, made through its side. Within the said box is a tube, B, whose external diameter is equal or about equal to the internal diameter of the box, its length being about that of the distance between the two ends of the box. This tube B has a hole made through its side in correspondence with the hole *a*, and it also has a lip or projection, *b*, extending upward from the edge of the hole and through the said hole *a*. By means of this lip, the tube may be turned within the box so as to either cover or uncover the mouth or opening *a*, thereof, the lip serving as a stop to arrest the cover in either of its extremes of movement. There projects from the box, in manner as shown in the drawings, a spout, C, each side edge of which is turned over with respect to the remainder of the spout, in manner as shown at *c c*, in fig. 3, the same being to enable an abrasive or rasping surface or plate, D, to be slid into the spout lengthwise and against the box, and be maintained in connection with the spout by the lips or parts *c c*. This plate is to be foraminous, and have burs projecting upward from the several holes, or it may be otherwise formed with a rasping external surface. By so applying the grating plate D, to the spout, such plate, after having become worn or its rasping teeth or burs may become dulled, may be easily separated from the spout and a fresh one be put in its place. The box not only answers to hold the nutmegs, but as a convenient handle for supporting the grater while in use. The advantage of the box made in the manner described is that the cover has no hinges to wear out or become broken.

I claim the combination and arrangement of the box A, and its rotary tube B, with the spout and rasping plate as specified, such box and tube being made with openings through their sides, and with a stopping lip *b*, and the plate D, being applied to the space C, substantially as described.

WM. BRADLEY.

Witnesses:

R. H. EDDY,

F. P. HALE, Jr.