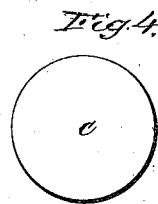
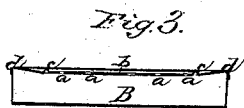
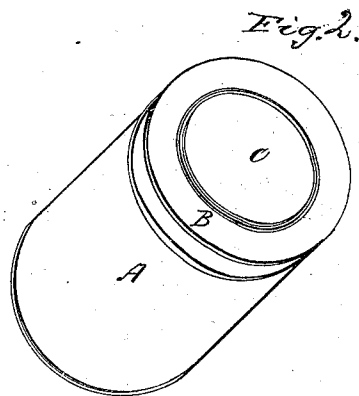
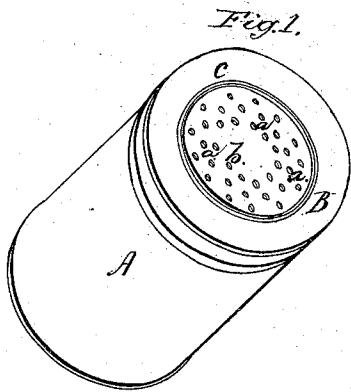


C. T. Palmer,

Spice Box,

N^o 79,144.

Patented June 23, 1868.



Witnesses.
J. M. P. W.
J. P. Wal.

Inventor.
C. T. Palmer.
by his attorney.
N. H. Eddy

United States Patent Office.

CHARLES T. PALMER, OF NORWICH, CONNECTICUT.

Letters Patent No. 79,144, dated June 23, 1868.

IMPROVED SPICE-CAN.

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 T. PALMER, of Norwich, in the county of New London, and State of Connecticut, have invented a new and improved Spice-Can; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to a method of putting up spices, and articles of a similar nature, for sale, whereby such articles are confined, so that, by removal of a cover, the spices can be used directly from the can or package, instead of being removed therefrom to other boxes or sprinklers for use, as is usually done.

The nature of the improvement consists in constructing the perforated head or cover of the spice-can with a depression, to receive the disk or cap, which is placed over the holes of such head or cover, the same being to bring the cap flush with the surrounding part of the head or cover, in order that the disk or cap may be preserved in place to better advantage by the paper pasted upon it and the head, or during transportation, and also take up less room than would be the case were there no such depression in the head. An equivalent, in most respects, for this cavity is an annular bead raised on the head, and about the holes. When such bead is employed, I prefer to make the head slightly concave, so as to bring the outer edge of the bead even with, or a little below, the periphery of the head.

Figure 1 represents a perspective view of the can or package, which is designed for any of the ground spices, with the disk or cover removed, so as to show the perforations and disk-receiving cavity.

Figure 2 is a view of the same, with the disk on or with the perforations closed, as when prepared for transportation, or not in actual use.

Figure 3 is a transverse section of the cover of the can.

Figure 4 is a view of the disk used for covering the holes of the cover.

Similar letters of reference indicate corresponding parts.

In preparing or putting up packages of ground spices for market, it is usual to confine the spices in closed cans, or in other kinds of closed packages, so that, when the spice is used, it must be taken from the box or package, and placed in a sprinkler, which operation occasions much trouble and waste of time, as well as of spice.

To remedy this difficulty, I prepare the can itself with perforations, making thereby a sprinkler of the original package or can, as seen in the drawing, fig. 1.

In preparing these cans for transportation or sale, the perforations are closed by a disk of tin or other material, or by a cover, as in the ordinary tin box.

In case the simple disk is used, a strip of paper is secured over the disk, to hold it in place.

In preparing the perforated head of the can for reception of the cap or disk, I make in such head a shallow chamber, to receive the disk, the perforations being through the bottom of such chamber.

In figs. 1 and 2, A denotes the body, B the cover, and C the disk or hole-covering plate of the can, the perforations being exhibited at *a*.

The shallow receiver or chamber for reception of the disk is shown at *b*, in fig. 3, as formed by an annular bead, *c*, stamped up from the cover. The cover-top is also shown as concave, so as to bring the annular bead *c* even with or somewhat below the periphery *d d* of the cover.

When the cover is so made, one box or can may be packed on another without danger of any movements of it, during transportation, displacing or wearing the paper pasted on the disk and the bead *c*, so as to injure or destroy the connection of the disk with the cover. It is very desirable to have a tight joint between the edge of the disk and the circumference of its receiving-cavity, or about the same, as the proper preservation of the spice or powdered article put up in the can often depends on this, it being very desirable, while it may be sealed or in transit, to keep air, moisture, and mould-spores from it. It is also desirable to keep the disk in place. This is done by the cavity or annular bead.

I make no claim to a can having a series of small holes in its end or cover.

I claim, as an improved article of manufacture, and as my invention—

A spice-can or powder-box, as not only made with holes or perforations *a a a* in its cover, but as having a cavity, *b*, and an annular bead, *c*, arranged therewith, and with the periphery *d d* of the top of the cover, substantially in manner as explained, and for the purpose of receiving a disk or plate to cover the perforations, the whole being substantially as specified.

The above specification of my invention signed by me, this 26th day of October, 1867.

CHARLES T. PALMER.

Witnesses:

WM. F. McNAMARA,

ALEX. F. ROBERTS.