

G. B. RICHARDSON.
Salt and Spice Bottle.

No. 198,998.

Patented Jan. 8, 1878.

Fig. 1.

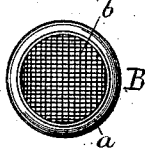
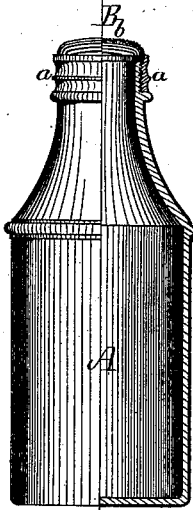


Fig. 2.



Witnesses.
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UNITED STATES PATENT OFFICE.

GEORGE B. RICHARDSON, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN SALT AND SPICE BOTTLES.

Specification forming part of Letters Patent No. **198,998**, dated January 8, 1878; application filed December 18, 1877.

To all whom it may concern:

Be it known that I, GEORGE B. RICHARDSON, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improvements in Salt and Spice Bottles, of which the following is a specification:

The drawings accompanying this specification represent, in Figure 1, a top view, and in Fig. 2 a sectional elevation, of a bottle containing my invention.

In these drawings, A represents a salt-bottle of ordinary form, and B the cap or cover of the same, the rim *a* of such cap having a female screw to inclose a male screw formed upon the neck of the bottle. The top of the rim *a* is covered with a sieve, *b*, composed of fine woven wire or lattice-work, through which the contents, as they escape, are sifted.

Heretofore the covers of salt-bottles, pepper and other spice cruets, &c., have been composed of sheet or cast metal, perforated with holes, through which the contents of the bottle are intended to sift. To obtain the requisite strength these holes must necessarily be few in number, with correspondingly large solid spaces, and in practice the solid spaces seriously interfere with the escape of the contents of the bottle, and the latter are allowed to collect and harden in lumps at the mouth of such bottle.

To attempt a remedy for this latter objec-

tion it is now common to employ in salt-bottles a tumbling-rod or agitator, which, in the act of shaking the bottle to sift out its contents, shall disturb and pulverize the salt, and prevent its forming into lumps.

With my cover the fine wires offer little resistance to the escape of the contents of the bottle—nay more, they actually aid such escape, as they cut and minutely subdivide such contents, and effectually prevent formation of lumps at the mouth of the bottle.

My improved cap, when applied to salt-bottles, does away with the use of the agitator before alluded to, thereby not only saving the expense of the latter, but enabling the bottle to hold a larger quantity of salt.

In manufacturing my cap I prefer to place the circular planchet of wire-cloth in the mold, and then cast the rim *a* about it, by this means obtaining a finished appearance.

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

A cap for salt or spice bottles, having a woven-wire top, substantially as and for purposes stated.

GEO. B. RICHARDSON.

Witnesses:

F. CURTIS,
LOUIS A. CURTIS.