

H. J. WHITE.

Caps and Spoons for Mustard-Bottles.

No. 141,844.

Patented August 12, 1873.

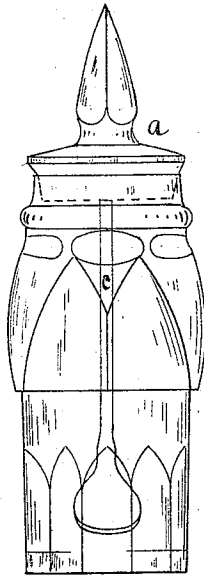


Fig. 1.

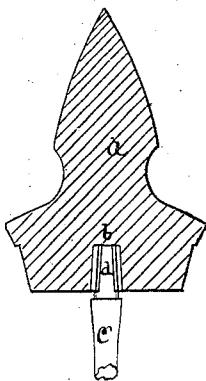


Fig. 2.

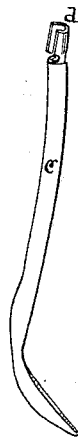


Fig. 3.

WITNESSES

C. A. Weed,

William Duckerman

INVENTOR

Hiram J. White

UNITED STATES PATENT OFFICE.

HIRAM J. WHITE, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO HIMSELF
AND A. B. HILL, OF SAME PLACE.

IMPROVEMENT IN CAPS AND SPOONS FOR MUSTARD-BOTTLES.

Specification forming part of Letters Patent No. **141,844**, dated August 12, 1873; application filed April 5, 1873.

To all whom it may concern:

Be it known that I, HIRAM J. WHITE, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improvements in Caps and Spoons for Mustard-Bottles, of which the following is a specification:

Figure 1 is a view of mustard-bottle with cap and spoon; Fig. 2, sectional view of cap and spoon, showing mode of fastening; Fig. 3, view of spoon.

The cap *a* is made of glass or any other hard material; is fitted closely in or on the mouth of the bottle, and has a central circular cavity, shown at *b*, Fig. 2, into which the spoon *c* passes, and is held firm by means of the cylindric spring *d* at its upper end. The spoon is made of steel, and is enameled. Its upper end is made cylindric, a small space being left in the cylinder at the back side of the spoon, as shown at *e*, Fig. 2, and is a little larger in diameter than the cavity in the cap *a*, Fig. 2,

so that when the spoon *c*, Fig. 3, is forced into the circular cavity *b*, Fig. 2, the tension of the metal will keep it in its place firm enough for ordinary use.

In case of accident the spoon can be readily removed and another set in.

The improvement consists in the devices for excluding the air from the bottle, thus preventing the evaporation of the mustard. This cannot be done with the caps now in use. The enamel on the spoon is impervious to the action of the mustard.

What I claim is—

The combination, with the cap *a* of a mustard-bottle, &c., of a spoon, *c*, having the spring *d*, substantially as shown and described.

HIRAM J. WHITE.

Witnesses:

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WILLM. DUCHEMIN.