

No. 752,917.

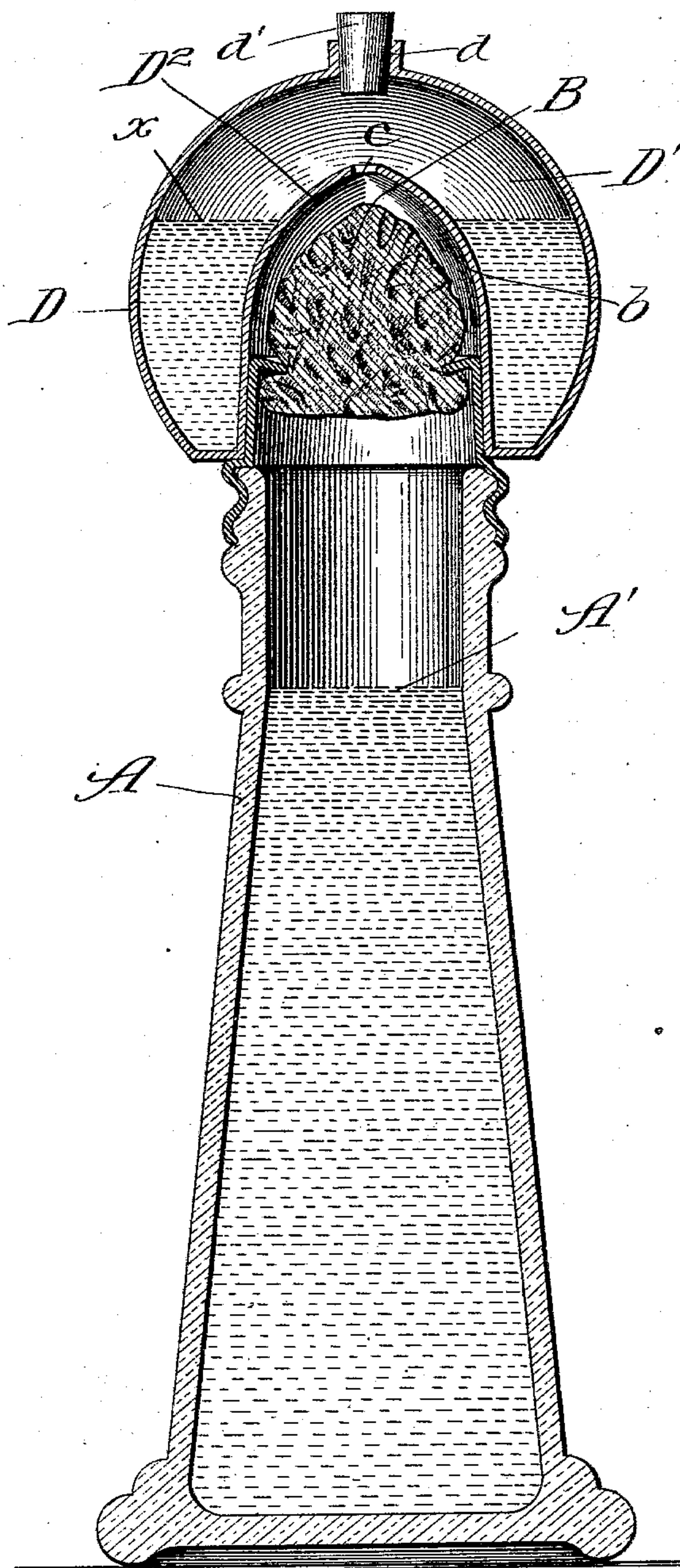
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W. R. MORSE.

CAP FOR MUCILAGE BOTTLES OR THE LIKE.

APPLICATION FILED JULY 6, 1903.

NO MODEL.



Witnesses:
 Jas. Gaylord!
 Geo. Garrison

Inventor:
William R Morse
By Pyramforth, Pyramforth & See,
Attys Srms

UNITED STATES PATENT OFFICE.

WILLIAM R. MORSE, OF CHICAGO, ILLINOIS, ASSIGNOR TO J. H. LEE,
TRUSTEE, OF CHICAGO, ILLINOIS.

CAP FOR MUCILAGE-BOTTLES OR THE LIKE.

SPECIFICATION forming part of Letters Patent No. 752,917, dated February 23, 1904.

Application filed July 6, 1903. Serial No. 164,841. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM R. MORSE, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Caps for Mucilage-Bottles or the Like, of which the following is a specification.

My invention relates to an improved construction of cap which I have devised for use primarily on holders containing liquids or semiliquids—such as mucilage, paste, and the like—and which are corked with porous stoppers—such as sponges, brushes, and the like—to serve as the media of applying the contents of the holders to surfaces to be treated with them, using the holders as handles for such application. The utility of devices of the character thus referred to is liable to be impaired by the exposure to the atmosphere to which the porous stopper is subjected, such exposure tending to evaporate the moisture from the stopper with the effect of hardening the liquid substance with which it is impregnated, and thus rendering the stopper too stiff for use, besides clogging its pores with the effect of preventing it from becoming saturated with the liquid in the holder, whereby the stopper is deprived of its transferring function until it has been subjected to some softening treatment, such as soaking it in hot water or other suitable softening medium.

The object of my invention is to provide a removable cap for covering the transfer-stopper of the holder, which shall be adapted to maintain the desired soft condition of the transfer-stopper; and to this end my invention consists in the moistening-cap adapted to seat on the holder in a position to cover the transfer-stopper and containing a chamber-opening to the stopper to direct to it moisture of evaporation from a suitable liquid in the chamber.

The accompanying drawing, to which reference is had, shows by a view in vertical sectional elevation a mucilage-bottle equipped with a sponge transfer-stopper and provided with my improved moistening-cap.

I have selected as the medium for explaining my invention a sponge-stoppered mucilage-bottle, because my improvement was more immediately devised for that particular application, and for the sake of brevity the following description is confined thereto. However, I wish to have it understood that I intend my improvement for use in serving its moistening purpose in connection with holders for substances other than mucilage and equipped with transfer-stoppers other than sponges, adapted to conduct through them the contents of the holders for spreading the same, and I also intend it for use as a mere cover for any holder of such substances—such as an ink-bottle or paste-box—to keep the contents moist.

A denotes a mucilage-bottle of the shape illustrated or of any other suitable shape having its mouth closed by a sponge B, seated in a ferrule C, fastened, as by screwing about the mouth of the bottle, to expose the inner end of the sponge to the mucilage contents A' thereof.

D denotes my improved moistening-cap, which may involve the shape represented or any other suitable shape. As the essential elements of its construction it comprises an outer wall *a* and an inner wall *b*, forming between them a chamber D' to contain plain or acidulated water or other suitable liquid, the inner wall forming a housing D², communicating with the chamber for the sponge B, over which the cap is mounted by fitting at the base of the housing about the ferrule C on the neck portion of the bottle. The chamber D' communicates with the housing D² through an opening *c* in the internal wall *b* above the water-line (indicated at *x*) in the chamber, and at *d* is shown a filling-opening in the wall *a*, through which to supply liquid to the chamber D', and which is closed by a removable stopper *d'*, shown as a cork, though the stopper may be of any other suitable variety.

What I claim as new, and desire to secure by Letters Patent, is—

1. As a new article of manufacture, a cap for a mucilage-bottle, paste-box, or the like, comprising an inner wall and an outer wall forming between them a liquid-chamber, said inner wall containing an opening leading from

said chamber for conducting the vapor from its liquid contents.

2. As a new article of manufacture, a cap for a mucilage-bottle, paste-box or the like, comprising an inner wall and an outer wall forming between them a liquid-chamber, said inner wall forming a housing communicating with said chamber, substantially as and for the purpose set forth.

10 3. As a new article of manufacture, a cap for a mucilage-bottle, or the like, provided with a transfer-stopper of the character de-

scribed, comprising an inner wall and an outer wall forming between them a liquid-chamber having a stoppered liquid-supply opening, said inner wall forming a housing for said stopper and provided with an opening above the water-line in said chamber through which to communicate therewith, substantially as and for the purpose set forth.

20 WILLIAM R. MORSE.

In presence of—

WALTER N. WINBERG,
WM. B. DAVIES.