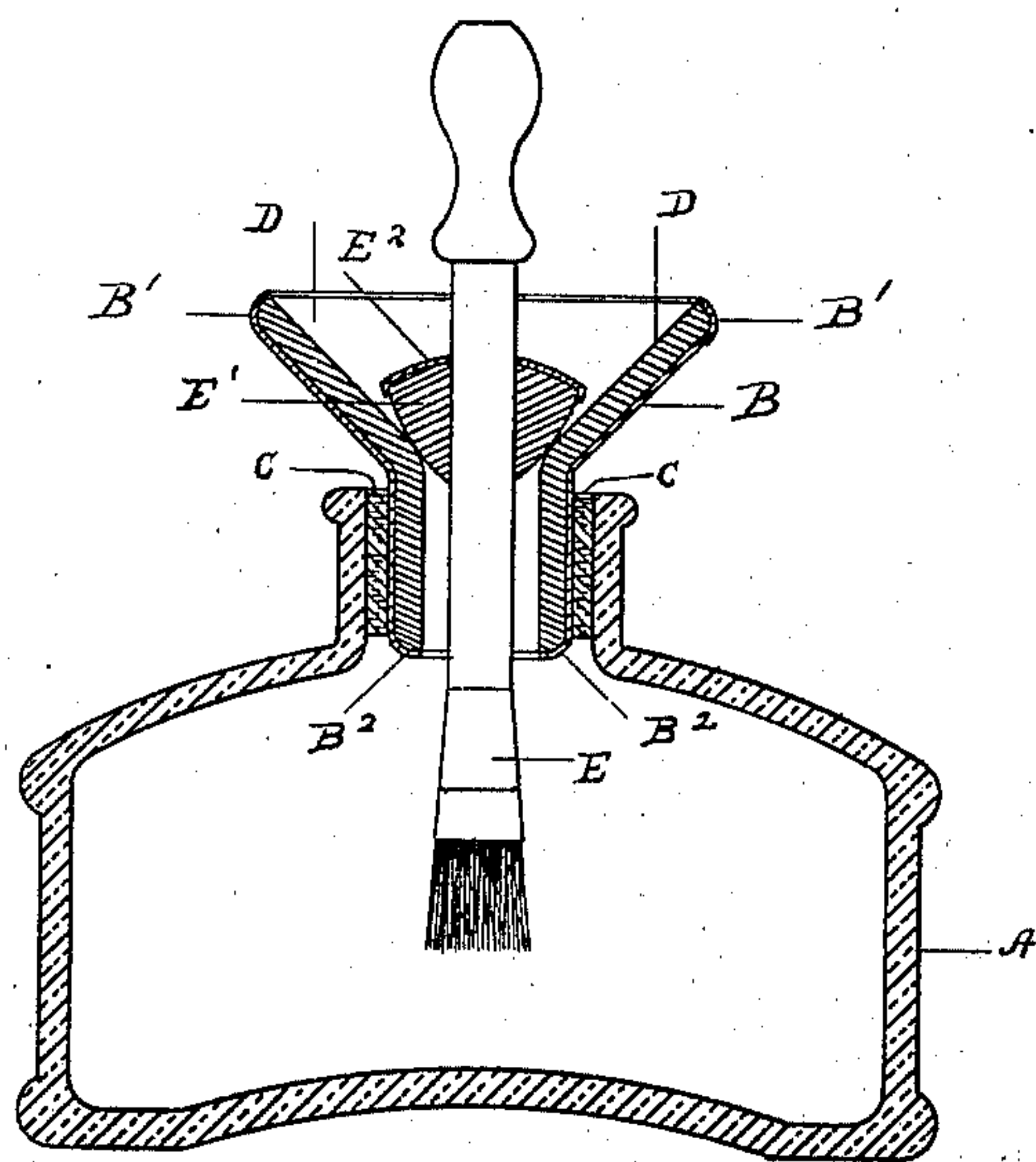


(No Model.)

P. E. DANIELS.
MUCILAGE BOTTLE.

No. 598,474.

Patented Feb. 1, 1898.



WITNESSES

Baldwin Tate

Norman W. Keller

INVENTOR

Phil. E. Daniels

BY

E. A. Mudock & Co.
ATTORNEYS.

UNITED STATES PATENT OFFICE.

PHILO E. DANIELS, OF OAKLAND, CALIFORNIA.

MUCILAGE-BOTTLE.

SPECIFICATION forming part of Letters Patent No. 598,474, dated February 1, 1898.

Application filed April 26, 1897. Serial No. 634,020. (No model.)

To all whom it may concern:

Be it known that I, PHILO E. DANIELS, a citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented certain new and useful Improvements in Mucilage-Bottles; and I do hereby declare the following to be a full, clear, and exact description of said invention, such as will enable others skilled in the art to which it most nearly appertains to make, use, and practice the same.

This invention relates to improvements in bottles, and more particularly to that class of bottles for containing mucilage; and it consists in the novel construction and arrangement of an attachment whereby the mucilage is prevented from adhering to the neck of the bottle and forming a gummy deposit thereon.

In the drawing is shown a sectional view of a bottle supplied with an attachment constructed in accordance with this invention.

To facilitate the description with reference to the drawing, I will let the letter A represent the body of the bottle; B, a thin metal form or receptacle; C, a compressible gasket, by means of which the said metallic form is adjusted to the various sizes of necks.

D is the non-gumming material, and E is the brush.

The objection above noted of the mucilage adhering to the mouth or neck of the bottle and the water being evaporated therefrom, allowing a deposit of gum to be formed on the neck, has proved seriously objectionable. It is with the purpose in view to prevent the formation of this gum that the substance D has been placed in the attachment or metal form B shown in drawing. This substance consists in the admixture of paraffin and a small percentage of tallow to produce a greasy surface, to which the mucilage will not adhere. By preventing the adhesion the subsequent mucilage and the deposit of partly-hardened gum about the neck of the bottle is prevented. It is for the purpose of disguising both the appearance and the odor of the paraffin and tallow that I have added any suitable coloring-matter and perfume while the paraffin and tallow are in a molten state.

The hollow forms B are constructed of any

thin metal, preferably sheet-tin, and are struck out by dies or spun to the form shown in section in the drawing. These forms B are suitably covered, being nickel-plated, japanned, or oxidized to give a neat and workmanlike appearance.

The compound above described is placed in the metal form B, so as to cover the entire interior surface between the upper flange B' and the lower flange B², the latter of which operates as a support for holding that part of the non-gumming compound which is within the neck of the bottle.

A suitable form to give the funnel-shaped interior, as shown in section in drawing, is placed in position within the metal form B, filling the lower aperture made by the flange B². When in position the molten compound above described is poured into the metal form B, the interior form just mentioned giving the desired shape shown in drawing to the interior of the attachment. When the compound has become cool and hardened, the interior form is withdrawn, leaving an internal shape, substantially as shown in drawing.

The brush E is provided near the handle with a stopper E', constructed of the same non-gumming material above described. This is formed by means of the overhanging flange E² and is given the proper stopper shape shown in the drawing by means of suitable forms or molds. This stopper is adapted to fit within the opening in the attachment, as shown in the drawing, and may be used without fear of the adhesion to the neck of the bottle for the reason that the mucilage will not adhere to either the substance of the said stopper or that of the attachment, which is of a similar compound.

By means of the use of suitable dyes in the composition and an admixture of perfumes or scents a very pleasant article is produced, which while answering all of the purposes, as hereinbefore set forth, such as preventing the adhering of the mucilage about the neck of the bottle, also serves to produce a pleasant odor in the room in which it is exposed.

Having thus described this invention, it is claimed—

1. An attachment for a mucilage-bottle

adapted to fit within the neck of the same and
having an interior surface composed of par-
affin, colored with suitable dyes and carrying
a suitable scent or perfume, substantially as
5 described.

2. A mucilage-bottle the neck of which is
covered or coated with a composition consist-
ing of paraffin and suitable dye and a per-

fume intimately combined, substantially as
described. 10

In testimony whereof I have hereunto set
my hand this 14th day of April, 1897.

PHILO E. DANIELS.

Witnesses:

E. F. MURDOCK,
NORMAN MCKELLAR.