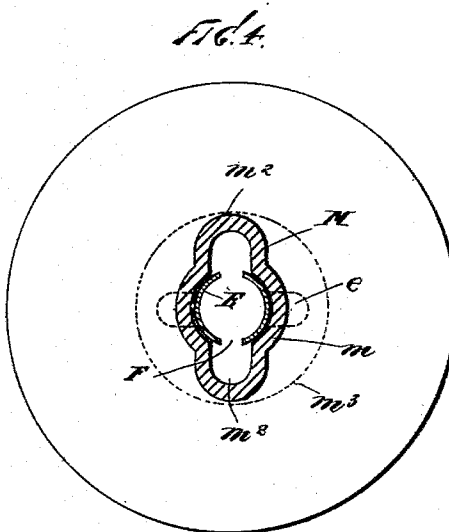
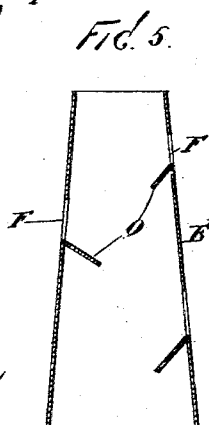
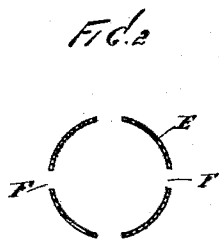
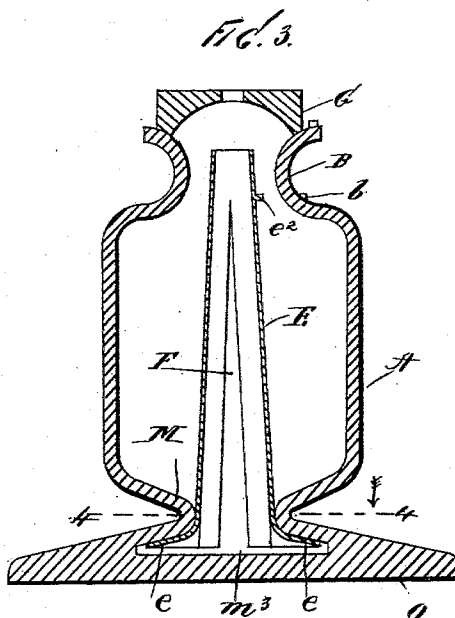
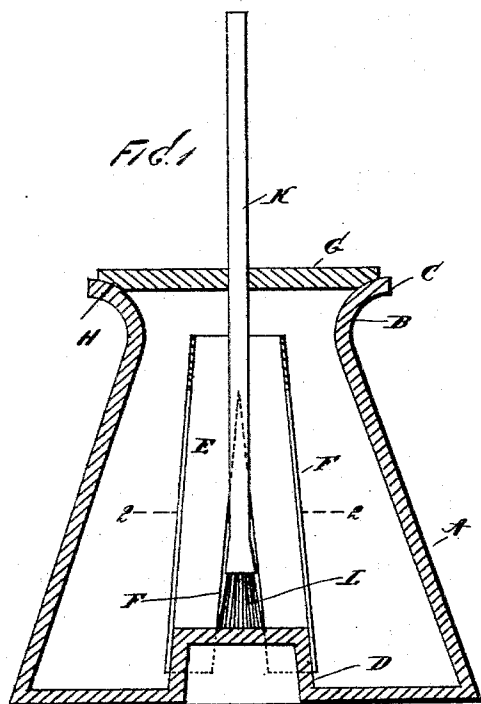


(No Model.)

G. C. KOESTER.
MUCILAGE BOTTLE.

No. 584,043.

Patented June 8, 1897.



WITNESSES

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UNITED STATES PATENT OFFICE.

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MUCILAGE-BOTTLE.

SPECIFICATION forming part of Letters Patent No. 584,043, dated June 8, 1897.

Application filed September 17, 1896. Serial No. 606,179. (No model.)

To all whom it may concern:

Be it known that I, GEORGE C. KOESTER, a citizen of the United States, and a resident of Paterson, in the county of Passaic and State of New Jersey, have invented certain new and useful Improvements in Mucilage-Bottles, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which
10 similar letters of reference indicate corresponding parts wherever found throughout the several views.

This invention relates to mucilage-bottles; and the object thereof is to provide an improved device of this class which is so constructed that the mucilage does not come in contact with the neck of the bottle, a further object being to provide a mucilage-bottle with an enlarged neck and a central vertical tubular or hollow attachment having side slots or openings and into which the brush is inserted, said attachment being adapted to serve as means for removing the surplus mucilage from the brush; and with these and other objects in view the invention consists in the construction, combination, and arrangement of parts hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is a central vertical section of my improved mucilage-bottle; Fig. 2, a section on the line 2 2 thereof with the brush removed; Fig. 3, a view similar to Fig. 1, showing a modified form of construction; Fig. 4, a section on the line 4 4 thereof, and Fig. 5 a sectional view of another modification.

In the practice of my invention I provide a bottle A, the body portion of which may be of any desired form, but which is preferably conical, as shown in Fig. 1, and said bottle is provided with an enlarged neck B, the upper end of which is flared outwardly or bell-shaped in form, as shown at C, and the bottom of the bottle is provided centrally thereof with an upwardly-directed cylindrical projection D, on which is mounted a tubular attachment E, the lower end of which is preferably slightly larger than the upper end, and said lower end of the attachment E is in practice removably mounted on the cen-

tral upwardly-directed cylindrical extension D, and the sides thereof are provided with a plurality of vertical slots F, which, as shown in the drawings, are four in number, and said slots are triangular in form, the base thereof being directed downwardly and carried almost to the top of the attachment E, in which they are formed. I also provide a cap or cover G, which may be composed of any desired material, (cork or similar material being preferred,) and the under side of the perimeter thereof is provided with an annular groove or cut-away portion H, whereby it is adapted to conform to the shape of the flaring or bell-shaped portion C of the neck B, and passing centrally therethrough is the handle K of the brush L.

The handle K is preferably adjustable in the cap or cover G, being held therein by friction, and when the said cap or cover is placed in position the brush L enters the tubular attachment E, and in removing the brush for use the surplus mucilage thereon is removed by drawing the brush through one of the slots F or the upper end thereof, and said surplus mucilage runs back into the bottle, or the brush may be wiped on the upper end of the tubular attachment. The said tubular attachment E is of such length that the upper end thereof extends to about the smallest portion of the neck B and when in position is arranged concentrically thereof, and it will thus be seen that the mucilage does not come in contact with the said neck, and the danger of the neck becoming clogged and the bottle useless by reason of the mucilage drying thereon is avoided.

It will also be understood that the attachment E may be removed and the upper end thereof cleaned whenever desired, and in Figs. 3 and 4 I have shown a modified form of construction in which the bottle A is contracted at its lower end, as shown at M, the contracted portion being oblong in form, and said contracted portion is provided centrally with a circular tubular portion m , at each side of which are extensions m^2 , and below the contracted portion is a circular chamber m^3 , formed in an enlarged base O. In this form of construction the lower end of the tube E is provided at its opposite sides with outwardly-directed wings e , and the upper end

of said tube is provided on one side, near the top thereof, with a lug or projection e^2 , and a similar lug or projection b is formed on the neck B of the bottle, and in inserting said tube into position the wings e are turned so that they will pass through the side extensions m^2 on the reduced portion m of the neck, and when said tube has been inserted and said wings have passed through said extensions the tube is turned half-way round, so that the wings E will pass beneath the upper side walls of the chambers m^3 , as clearly shown in Figs. 3 and 4; and the object of the lugs or projections e^2 and b is to provide means for indicating the direction in which to turn said tube in order to insert or remove it, said tube being locked in position when said lugs e^2 and b are in line and being unlocked and ready to be removed when the lug e^2 is turned at right angles to the lug b . In this form of construction the neck B is slightly smaller than the neck shown in Fig. 1, and the cap or cover G is of slightly different form, but the construction and operation of these parts, in the main, are substantially the same, and the operation will be similar to that hereinbefore described, and it is evident that other means may be provided for holding the tube E in position without departing from the spirit of my invention or sacrificing its advantages.

In Fig. 5 I have shown another modification of the removable tube E, and this form of tube is substantially the same as that shown in Fig. 1, but the openings F are formed transversely of the sides thereof, and below each of said openings is a downwardly-directed plate or partial partition O, and in practice the brush is passed downwardly through the tube, the same as in Fig. 1, and in the with-

drawal thereof the surplus mucilage is removed therefrom by the inwardly and downwardly directed flanges or partition-plates O. any desired number of which may be employed, and in this form of construction it will be understood that the mucilage enters the tube E through the transverse openings F in the sides thereof.

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

1. A mucilage-bottle provided with an enlarged neck, and a central tubular attachment which is detachably connected with the bottom thereof, and which projects upwardly into the neck, said attachment being provided with vertical slots or openings, and being adapted to receive the brush, substantially as shown and described.

2. A mucilage-bottle provided with an enlarged neck, and a central tubular attachment which is adapted to be connected with the bottom thereof, and which projects upwardly into the neck, said attachment being provided with vertical slots or openings, and being adapted to receive the brush, and the upper end of the neck being flared or bell-shaped in form, and provided with a removable cap or cover through which the handle of the brush passes, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 5th day of September, 1896.

GEORGE C. KOESTER.

Witnesses:

C. GERST,
CHARLES S. ROGERS.