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E. GEBHARDT.

COVER FOR MUCILAGE AND PASTE VESSELS.

APPLICATION FILED MAY 31, 1904.

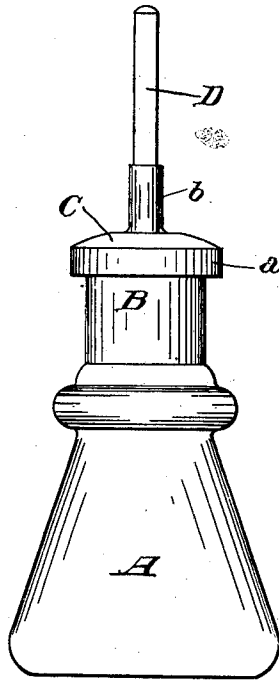


Fig. 1.

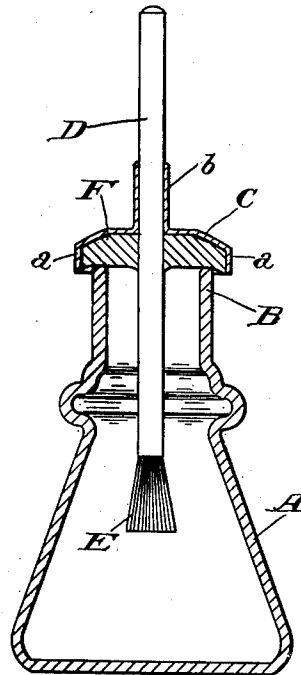


Fig. 2.

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COVER FOR MUCILAGE AND PASTE VESSELS.

No. 826,844.

Specification of Letters Patent.

Patented July 24, 1906.

Application filed May 31, 1904. Serial No. 210,503.

To all whom it may concern:

Be it known that I, EDWIN GEBHARDT, a citizen of the United States, residing in Cincinnati, county of Hamilton, and State of Ohio, have invented certain new and useful Improvements in Covers for Mucilage and Paste Vessels, of which the following is a full, clear, and exact description, reference being had to the drawings forming part of this specification.

The purpose of my invention is to provide a simple, cheap, and effective means to prevent mucilage, paste, and liquid glue and the like from becoming hard and drying out when furnished in any of the various styles of bottles, jars, or cans in common use. It is well recognized that when such adhesive material is furnished for use in offices, stores, and the homes in small bottles, jars, and the like that the material in a very short time becomes hard and unfit for use, and of course the smaller the vessel the more rapidly the adhesive material loses its perfect condition. Not only does it cake and harden at the mouth of the vessel, but the fact that the covers of the vessels are loose, so that they can be quickly removed, exposes the contents even when the covers are in place to the action of the air. The contents of the bottle become hard and the brushes for applying the mucilage, which frequently are adjustably secured to the covers, also become hard and become fastened in the hardened material. Frequently, therefore, long before the contents are consumed the material becomes unfit for use.

It is the purpose of my invention to provide a cover for such bottles, jars, and the like which can be quickly removed and replaced and which when in place will seal the contents and render the vessel air-tight, so that the material will remain fresh and in perfect condition until entirely consumed.

No particular design of bottle, jar, or cover is required; but my improvements can be applied at once to any of the ordinary constructions in common use; and the improvements consist, essentially, in lining the cover for the vessel with a layer of slightly-adhesive material which will not dry out or become hard with exposure to the air. The covers or lids which usually carry the brush and are provided with means for adjusting the brush-handle up and down to keep the brush always slightly immersed in the mucilage as the same is consumed are lined with the

slightly-adhesive material, and by simply giving a slight pressure to the cover when it is replaced an air-tight joint is formed between the cover and the rim, so that when the mucilage is not in use there is no exposure to the air, while at the same time the cover can be at once removed when it is desired to use the glue or paste.

To illustrate my invention, I have shown in the drawings an ordinary simple mucilage-bottle with my improvements applied thereto.

In the drawings, Figure 1 is a front elevation, and Fig. 2 a central vertical section, of an ordinary bottle with my improved cover therefor.

A is the bottle, constructed of any suitable shape and material to serve as a container for the mucilage, paste, or liquid glue.

B is the mouth of the vessel, and C the cover or lid therefor. This cover or lid is provided with a depending flange *a* to extend out over the rim of the vessel and with a central opening with a collar or sleeve *b*, through which the brush-handle D is inserted, which brush-handle carries the brush E for applying the mucilage. The handle D fits snugly in the collar *b*, but so that it can be pushed up and down to permit the brush to be slightly immersed in the contents of the vessel.

The interior of the cover C is filled with a sufficiently hard but slightly adhesive or viscid material F to form a lining for the cover, so that when the cover is pressed down slightly on the rim of the vessel the cover will adhere to the vessel and form an air-tight joint. Of course it will be understood that the handle D passes through this lining material; but the contact is sufficiently close to form a proper jointure around the handle.

I have found that beeswax forms a very perfect material for the purpose in view. It is sufficiently hard to serve as a perfect lining at ordinary temperature. It does not dry out or become hard or lose its qualities and characteristics when exposed for months to the action of the air. A slight pressure causes the wax to adhere to the mouth of the vessel to form an air-tight joint. At the same time the adhesion is not sufficient to prevent the easy removal of the cover when it is desired to apply the contents of the vessel. Where the handle D enters the vessel through the beeswax lining, the mucilage

itself seals this joint, while the length of the sleeve *b* forms an effective bearing for the handle to maintain it always in a strictly vertical position or to prevent its becoming loose in the cover, and thus having a tendency to wear open and expand the opening through the lining.

The lining itself may be formed entirely of beeswax and colored or not, as desired.

10 While beeswax possesses to a marked degree the necessary consistency and solidity combined with the viscid properties required to make a perfect sealing medium for the cover, compositions in which bees-
15 wax forms a component part or other compositions of a waxy nature to which has been imparted the necessary viscosity may also be employed. The essential feature of my improvement is the formation of a lining for
20 the cover of a composition solid enough to maintain its form under slight pressure and sufficiently viscid to adhere to the mouth of the vessel while easy to be separated therefrom, and a substance which at the same
25 time will have such qualities that exposure to the air will not alter these essential characteristics.

It will be evident that my lining may be applied to any shape of cover or any style of
30 vessel provided that the lining is so disposed as to come into contact with the rim or

mouth of the vessel, so that a proper sealed joint may be made by slight pressure on the lid or cover.

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

1. In a vessel for adhesive material, a cover therefor to contact with the rim or mouth of the vessel, provided with an interior lining of beeswax for the purpose, substantially as described.

2. In a vessel for adhesive material, a cover therefor to contact with the rim or mouth of the vessel, said cover having a central aperture, with a brush adjustable in said aperture, said cover being provided with an interior lining of beeswax for the purpose, substantially as described.

3. In a vessel for adhesive material, a cover therefor to contact with the rim or mouth of the vessel, provided with a central aperture with a collar, or sleeve, at said aperture, and a brush adjustable in said aperture and sleeve, said cover being provided with an interior lining of beeswax, for the purpose, substantially as described.

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Witnesses:

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