A. MERRILL.
STOPPER FOR PASTE OR MUCILAGE BOTTLES.
APPLICATION FILED SEPT. 13, 1902.

Fig. 1.

Fig. 2.

Witnesses
E. E. Stewart
H. H. Pyle

A. Merrill, Inventor.

Attorneys

THE NORTON CO., PROVIDENCE, RHODE ISLAND.
To all whom it may concern:

Be it known that I, ARTHUR MERRILL, a citizen of the United States, residing at Avon, in the county of Fulton and State of Illinois, have invented a new and useful Stopper for Paste or Mucilage Bottles, of which the following is a specification.

The invention relates to improvements in stoppers for paste and mucilage bottles.

The object of the present invention is to provide for paste and mucilage bottles a simple, inexpensive, and efficient stopper adapted to receive and hold a brush and capable of enabling the same to be conveniently used and of supporting the brush out of contact with the contents of the bottle when not in use.

A further object of the invention is to provide a stopper of this character which when the bottle is not in use will effectively exclude air from the interior thereof to protect the contents of the same and the brush.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a vertical sectional view of a bottle provided with a stopper or cork constructed in accordance with this invention. Fig. 2 is a perspective view illustrating the position of the parts when the brush is arranged in position for use.

Like numerals of reference designate corresponding parts in both figures of the drawings.

I designates a stopper or cork designed for use in a bottle for containing mucilage or paste and adapted to project outward beyond the neck of the bottle a sufficient distance to enable it to be readily grasped to place it in and remove it from the bottle and provided in its upper portion with a central circular bore or opening 3 for the reception of the handle of a brush 4. The cork or stopper is sufficiently elastic to fit tightly around the handle of the brush to provide an air-tight connection to exclude the air from the contents of the bottle and from the brush to protect the same. The stopper or cork and the neck of the bottle are also tapered to compress the former around the handle of the brush when the bottle is closed, and when the stopper is removed the brush is adapted to be adjusted longitudinally to project the bottle a sufficient distance from the stopper to enable the brush to be used in the ordinary manner. The stopper is adapted to be readily grasped, as illustrated in Fig. 2 of the accompanying drawings, when the brush is arranged for use, and it is adapted to be handled with the same facility as the ordinary brush.

The stopper is provided with a lower socket 5, preferably circular in cross-section and tapered, or conical at the upper portion 6, as illustrated in the accompanying drawings; but the socket may be elliptical to conform to the configuration of the head of the brush, if desired, and it is adapted to receive the same when the brush is drawn upward, as illustrated in Fig. 1 of the drawings. When the brush is arranged as shown in Fig. 1, it is housed within the socket of the stopper and it is located wholly within the same and out of contact with the contents of the bottle, and the said stopper effectively excludes air from the bottle and the brush, whereby the contents of the bottle are prevented from evaporating and the brush is also prevented from becoming dry and hard.

It will be seen that the stopper is exceedingly simple and inexpensive in construction, that it is adapted to receive and hold the brush out of contact with the contents of the bottle, and that it also excludes air from the bottle, and thereby prevents the contents from evaporating and the brush from becoming dry and hard.

What I claim is—

1. In a device of the class described, a stopper or cork provided in its upper portion with an opening conforming to the configuration of the handle of a brush and arranged to tightly receive the same to form an air-tight connection, said stopper or cork being also provided at its bottom with a socket conforming to the configuration of and adapted to receive the head of the brush, substantially as described.
2. In a device of the class described, a stopper or cork provided at its upper portion with a bore or opening to receive the handle of a brush and having a lower socket, circular in cross-section and tapered at the top to conform to the configuration of and receive the head of the brush, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

ARTHUR MERRILL.

Witnesses:

GILES C. OSBORN,

N. M. PERRY.