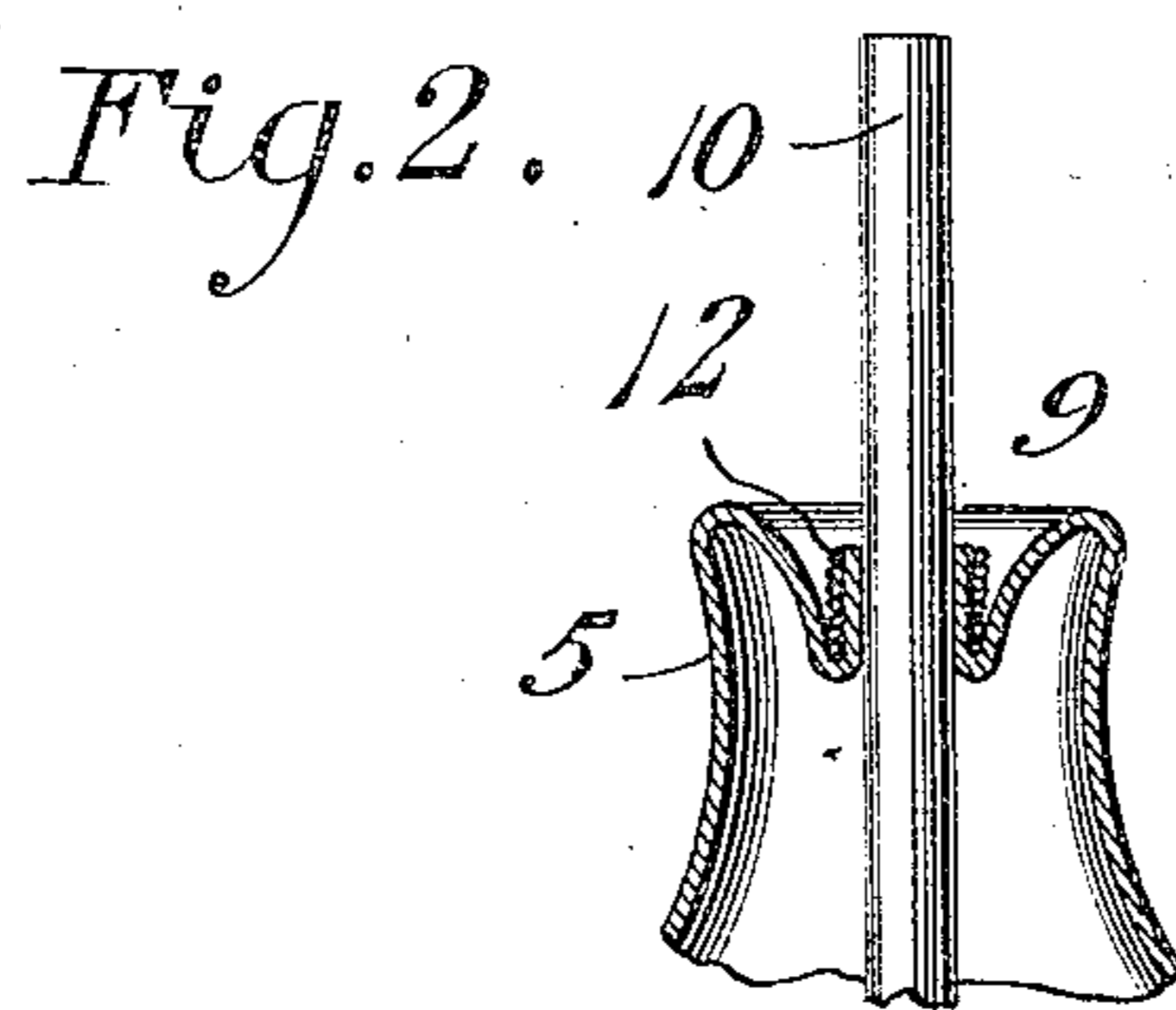
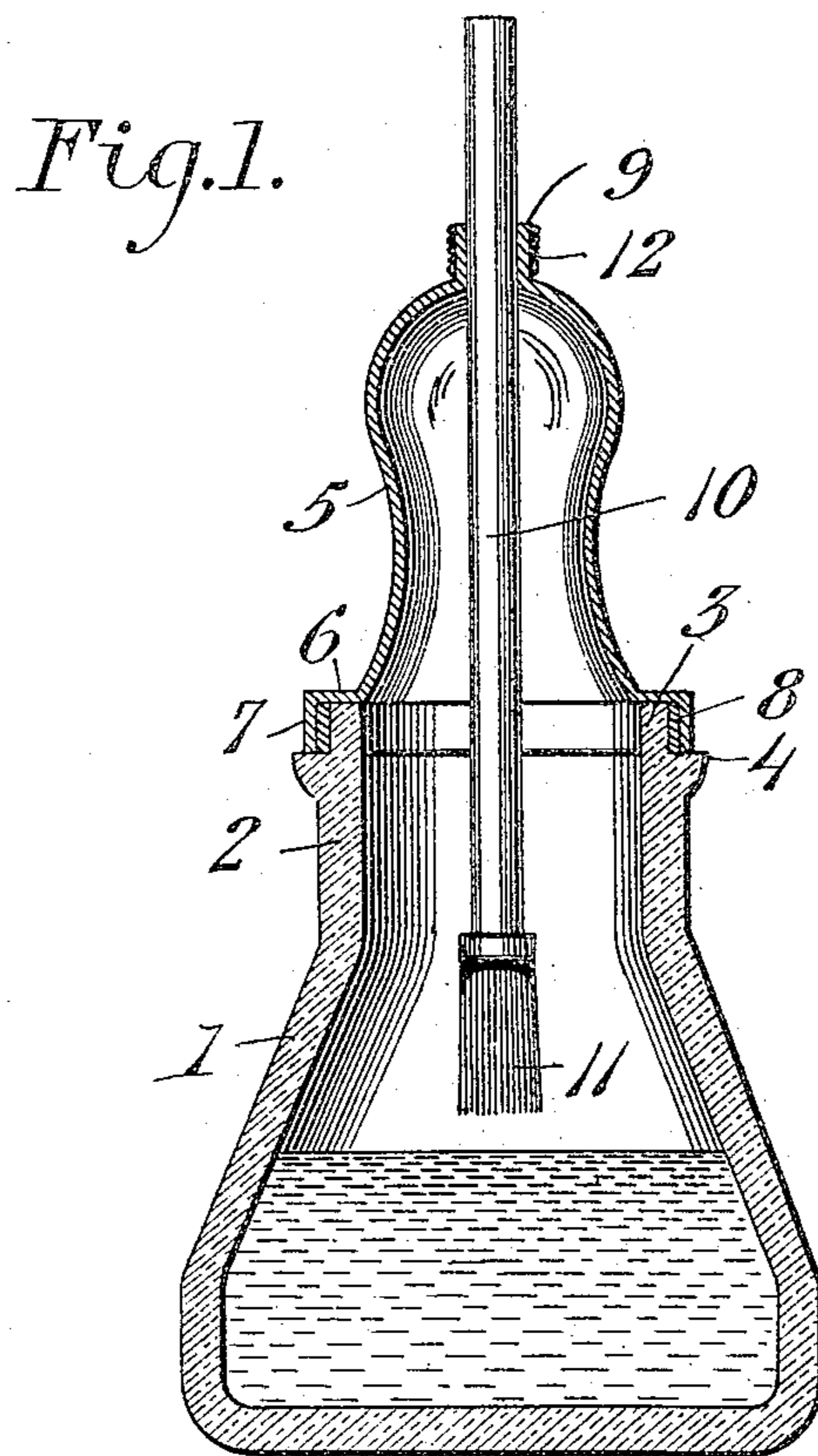


No. 816,481.

PATENTED MAR. 27, 1906.

J. LANE.  
CAP AND BRUSH FOR BOTTLES.  
APPLICATION FILED OCT. 24, 1905.



Inventor

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Witnesses

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# UNITED STATES PATENT OFFICE.

JOHNSON LANE, OF JAMESTOWN, CALIFORNIA.

## CAP AND BRUSH FOR BOTTLES.

No. 816,481.

Specification of Letters Patent.

Patented March 27, 1906.

Application filed October 24, 1905. Serial No. 284 236.

*To all whom it may concern:*

Be it known that I, JOHNSON LANE, a citizen of the United States of America, residing at Jamestown, in the county of Tuolumne and State of California, have invented new and useful Improvements in Caps and Brushes for Bottles, of which the following is a specification.

This invention relates to improvements in caps and brushes for mucilage and other bottles, the object in view being to provide an insect and dust proof cover or cap adapted to carry and support the brush or dipper out of contact with the bottle-neck to prevent adherence of the mucilage or other contents of the bottle and sticking of the brush thereto, the cap being formed of elastic material, so as to yield or collapse to permit the brush to be dipped to the desired extent into the contents of the bottle and upon returning to its normal position by its natural elasticity after the removal of pressure therefrom to restore the brush to its normal position.

In the drawings hereto annexed and forming a part of this specification, Figure 1 is a central vertical section through a bottle and cap embodying my invention. Fig. 2 is a similar view through the crown portion of the cap, showing the position assumed thereby when the brush is dipped to a slight extent.

Referring now more particularly to the drawings, the numeral 1 designates a bottle or receptacle which may be of any desired form and the neck portion 2 of which is provided with a vertically-disposed rim 3 and a horizontal outwardly-projecting bead or shoulder 4 at the base of the rim.

The cap or cover 5 is approximately of bell form, but may be of any other desired form to suit the purpose. It is made of rubber or other suitable elastic material and provided at its base with an angular flange having a horizontal portion 6 to rest upon the rim 3 and a vertical portion 7 to surround said rim. The portion 7 of the flange embraces and is secured in any preferred manner to a metallic stiffening-ring 8, adapted to closely surround and frictionally engage the rim 3 and to rest with the flange against the shoulder 4 to securely hold the cap in position upon the bottle and form an insect and dust proof closure for the bottle-mouth.

The crown portion of the cap or cover 5 is provided with a reduced nipple or sleeve 9, which surrounds the handle or stem 10 of the

brush 11 and is encompassed by a wrapping 12, of cord or wire, to securely fasten it to the handle. Any other preferred means of connecting the brush-handle with the cap may, however, be employed. The upper end of the handle projects above the cap, so that it may be utilized as a convenient handhold to effect the application and removal of the cap and the dipping of the brush, which latter may be arranged so as to be wholly or partly immersed in the contents of the bottle when the latter is filled. The brush will thus be supported in the central line of the bottle-neck and will be held out of contact therewith at all times, thus preventing the mucilage from coating and drying on the neck as long as the bottle is retained in its normal position and also obviating all liability of the brush coming in contact with the neck and sticking thereto.

Owing to the fact that the cap 9 is made of elastic material, it will be apparent that upon a greater or less degree of pressure being applied to the upper end of the handle the cap will yield or collapse to permit the brush to be dipped to the extent desired into the mucilage or other contents of the bottle and that when said pressure is removed the cap will be restored to its normal position by its own elasticity and retract the brush. The frictional engagement of the cap with the rim 3 is only sufficient to normally hold the cap in applied position, and the ring protects the flange member 7 from wear and distention, thus enabling the cap and brush to be conveniently applied and removed in the usual way.

Instead of employing a brush any other suitable form of dipper may be employed and the bottle used as a container for ink and other similar fluids to be applied to a pen or surface.

Having thus described the invention, what I claim is—

1. A combined bottle-cover and dipper comprising a cover formed of elastic material and having a substantially bell-shaped body provided at its base with a flange having a horizontal and a vertical portion, the said vertical portion being provided with a stiffening-ring to hold it from distention and directly engage the mouth of the bottle, the crown portion of the stopper being formed with a sleeve, a brush having a handle extending through the stopper and sleeve, and fastening means securing the sleeve to the handle.

2. In a combined bottle-cover and dipper, the combination with a bottle having a neck portion provided with a vertically-disposed rim and a horizontal shoulder at the base thereof, of an elastic cover comprising a bell-shaped body provided upon its crown portion with an upwardly-extending sleeve and having at its base a flange formed with a horizontal portion to rest upon the rim and a vertical portion to surround the same and rest upon the shoulder, a stiffening-ring permanently secured upon the inner face of the ver-

tical portion of the flange to hold the same from distention and directly engage the rim, a brush having a handle projecting through the cover-body and sleeve, and a wrapper encompassing the sleeve and securing the handle thereto. 15

In testimony whereof I affix my signature in presence of two witnesses.

JOHNSON LANE.

Witnesses:

C. R. MARTIN,  
LOUIS GRUND.