

(No Model.)

C. ROWLAND.

HANDLE FOR MUCILAGE BRUSHES.

No. 376,397.

Patented Jan. 10, 1888.

Fig. 1.

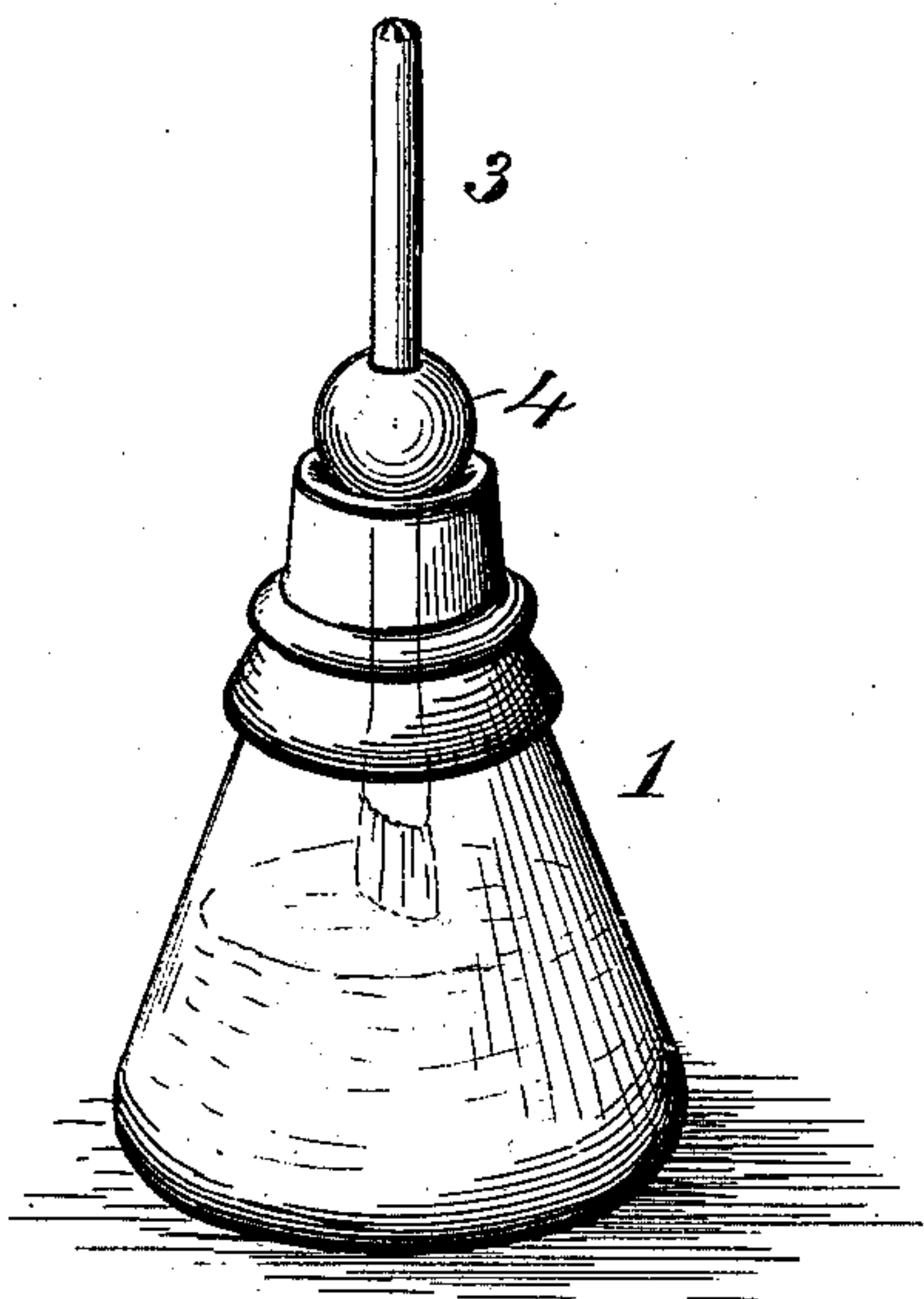


Fig. 2.

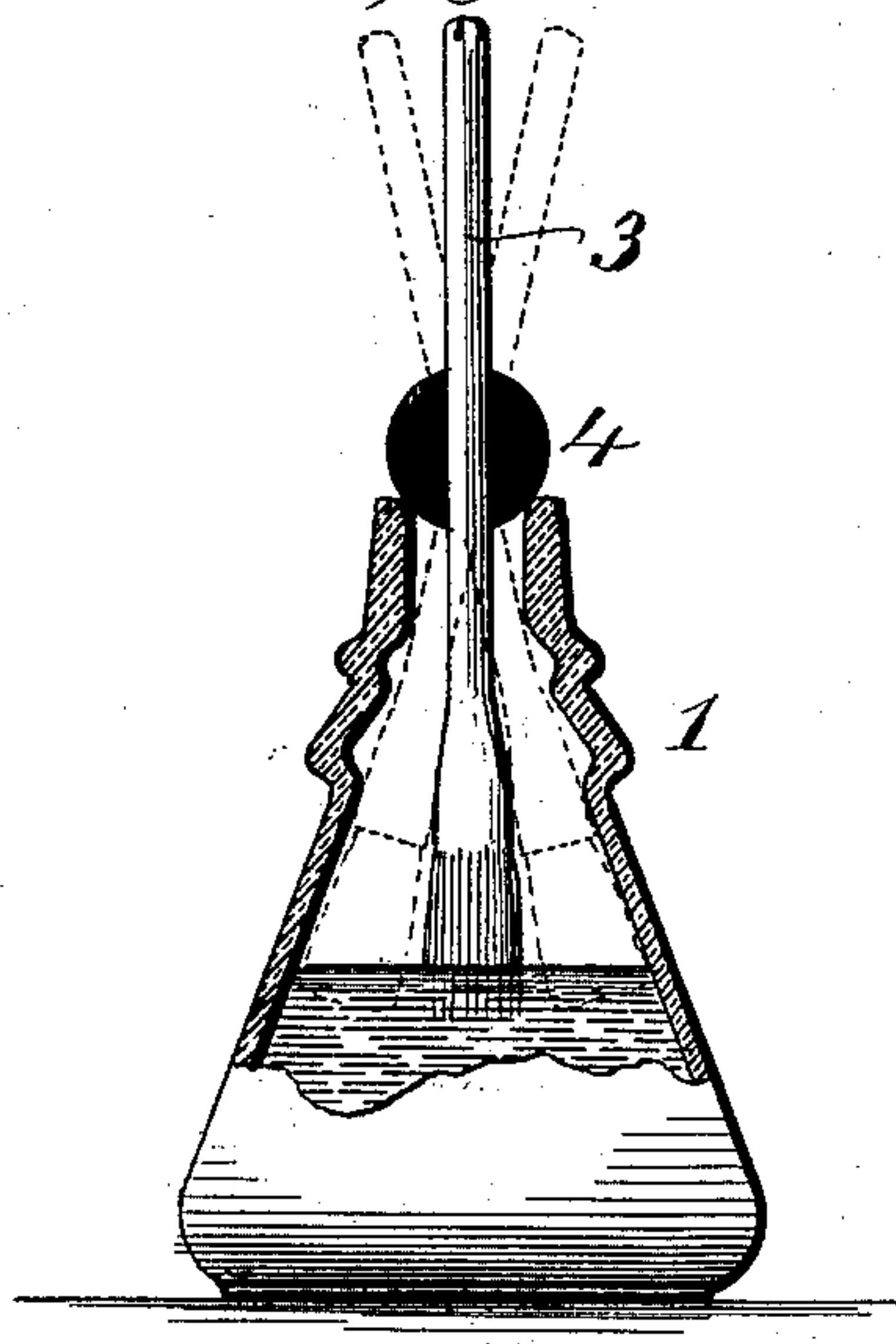


Fig. 3.

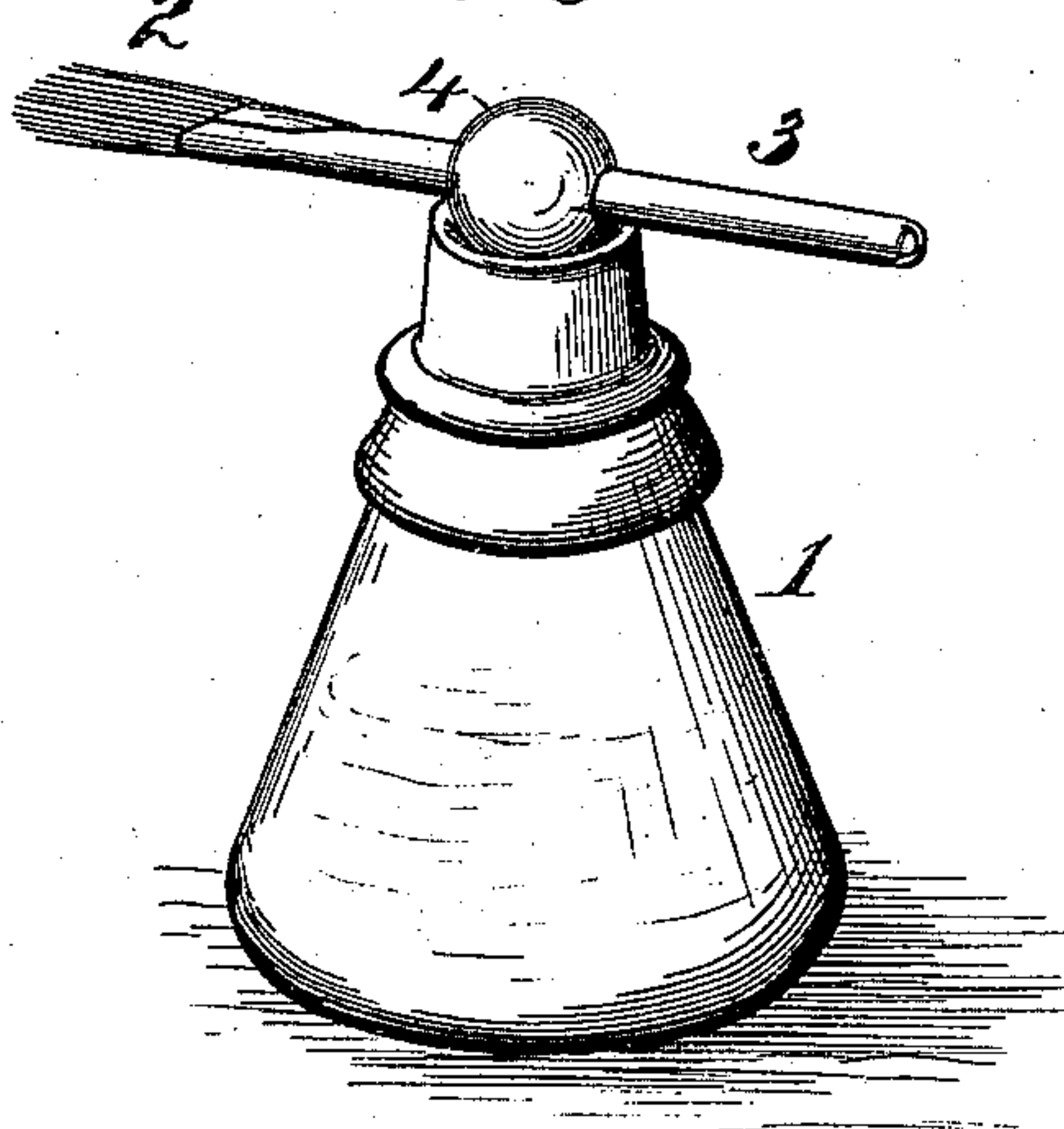


Fig. 4.



Witnesses.

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UNITED STATES PATENT OFFICE.

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HANDLE FOR MUCILAGE-BRUSHES.

SPECIFICATION forming part of Letters Patent No. 376,397, dated January 10, 1888.

Application filed November 2, 1887. Serial No. 254,102. (No model.)

To all whom it may concern:

Be it known that I, CHARLES ROWLAND, a citizen of the United States, residing at Quincy, in the county of Adams and State of Illinois, have invented new and useful Improvements in Handles for Mucilage-Brushes, of which the following is a specification.

My invention relates to handles for mucilage-brushes or such brushes as are usually supplied with bottles or stands for containing mucilage and similar liquids or semi-liquids, the object being to provide the brush-handle with a spherical stopper adjustable along said handle, so as to support the brush at any desired height and closely embracing the handle in such a way as to remain in the position to which it may be adjusted.

The invention consists in a spherical stopper, preferably elastic, attached to a brush-handle and longitudinally adjustable thereon, as hereinafter more fully set forth.

Figure 1 represents my improved mucilage-brush supported in a mucilage bottle or stand. Fig. 2 shows a bottle or stand in sectional elevation with the brush supported therein. Fig. 3 is a view of the bottle with the brush supported horizontally across the bottle-mouth. Fig. 4 is a view of the brush with its spherical stopper or ball-bearing in section.

Referring to the drawings, the numeral 1 designates a bottle or stand, which may be of any suitable or well-known form, adapted to hold mucilage, paste, or other liquid or semi-liquid usually applied with a brush.

The numeral 2 designates a brush having a handle, 3, of any suitable material, but preferably metal, in the form of a cylinder of nearly uniform diameter, such as commonly employed in mucilage-brushes.

Heretofore mucilage-bottles, after the cork is withdrawn, have been provided with metal covers loosely fitted onto the brush-handle. Such covers are awkward and in the way while using the brushes to which they are attached. They are also generally attached to the brush-handles so loosely that they are liable to become accidentally detached and lost, and when the brush is placed in the bottle the loosely-attached metal cover allows the brush

to descend wholly into the mucilage and immerse the lower end of the handle, which thus becomes sticky and unsightly, besides interfering with a neat use of the brush when removed. On the other hand, if the handle is rigidly secured to the said metallic cover there is no convenient means of adjusting the brush to the diminishing depth of mucilage in the bottle. These difficulties are obviated by my invention, which embraces a spherical elastic stopper, 4, through which the brush-handle is passed. This stopper 4 is preferably made of rubber or similar elastic material capable of closely embracing the brush-handle and remaining thereon at any point to which it may be adjusted, the ball or stopper 4 being movable longitudinally on the handle 3, so as to enable the brush to be immersed at any desired depth in the contents of the bottle. The spherical stopper 4 is of such diameter as to rest in or over the mouth of the bottle without dropping into or becoming wedged therein. By pushing the stopper 4 along the handle in either direction it can be adjusted so as to support the brush at any desired height, according to the depth of liquid in the bottle, and so prevent the lower end of the handle from becoming soiled or sticky. The spherical form of the stopper or ball-bearing 4 also enables the brush to be supported in the bottle equally well either in a vertical or inclined position, as indicated by dotted lines in Fig. 2; and when the brush is removed from the bottle it can be temporarily supported on the bottle-mouth in a horizontal position, as shown in Fig. 3, without liability of falling. The spherical stopper 4 may be solid, as shown in Fig. 2, or hollow, as shown in Fig. 4, and, though preferably composed of rubber, it may be made of any suitable material.

What I claim as my invention is—

1. The combination, with a brush-handle, of a spherical stopper adjustable longitudinally on said handle, substantially as described.

2. The combination, with a bottle or stand for mucilage and other liquids, of a brush having a handle provided with a spherical stopper longitudinally adjustable on said

handle and adapted to support the brush at any height in the bottle or horizontally across the bottle-mouth, substantially as described.

3. The combination, with a bottle or stand
5 for mucilage or other liquids, of a brush having a handle provided with an elastic spherical stopper longitudinally adjustable on the brush-handle, substantially as described.

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

CHARLES ROWLAND.

Witnesses:

GEORGE W. REA,
J. A. RUTHERFORD.