R. M. WITHYCOMBE.

ANTISEPTIC TOOTH BRUSH RECEPTACLE.

APPLICATION FILED JUNE 24, 1913.

**1,138,523.** Patented May 4, 1915.

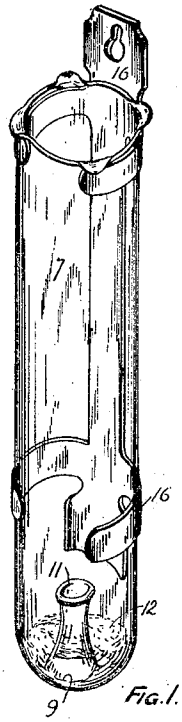



Fig. 1.

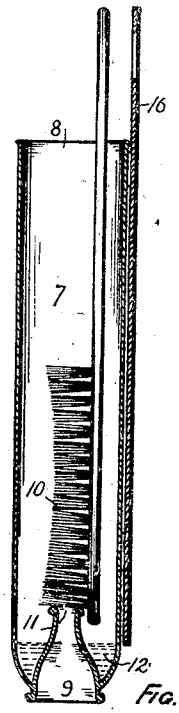



Fig. 2.

Witnesses:
M. E. McDade.

Inventor
Robert M. Withycombe
by
James L. Norris,
Attorney

# UNITED STATES PATENT OFFICE.

ROBERT MORSE WITHYCOMBE, OF SYDNEY, NEW SOUTH WALES, AUSTRALIA.

## ANTISEPTIC TOOTH-BRUSH RECEPTACLE.

1,138,523. Specification of Letters Patent. Patented May 4, 1915.

Application filed June 24, 1913. Serial No. 775,566.

*To all whom it may concern:*

Be it known that I, ROBERT MORSE WITHYCOMBE, of 283 Elizabeth street, Sydney, in the State of New South Wales, Australia, a subject of the King of Great Britain, have invented certain new and useful Improvements in Antiseptic Tooth-Brush Receptacles, of which the following is a specification.

This invention relates to improvements in receptacles for holding tooth brushes while they are being treated antiseptically.

The object of the invention is to provide a receptacle, preferably of clear glass, in which the tooth brush will be out of actual contact with the antiseptic, whether a liquid or volatile solid, placed at or adjacent to the bottom thereof, and through which, at the same time, the passage of a current of air will constantly pass, thereby insuring a constant flow of the volatile products of the antiseptic, with the air, through the said receptacle.

According to the invention the receptacle consists of a tube having a mouth large enough for the insertion of the brush and a funnel shaped air inlet at its lower end, which inlet projects upwardly into the interior of the receptacle. Consequently, on the brush being dropped into the receptacle, the bristles strike against the top of the funnel and remain over the opening thereof directly in the air current which passes upward. The volatile liquid or solid is dropped into the receptacle and rests at the bottom between the side and the funnel.

In order that the invention may be clearly comprehended I will refer to the drawings herewith, in which,

Figure 1 is an elevation of the preferred form, and, Fig. 2 a vertical sectional view of such form, showing a tooth brush in position.

7 represents the receptacle having a mouth 8 at its top and a funnel-shaped opening 9 at its bottom.

10 is a tooth brush, the bristles of which rest against the mouth 11 of the funnel.

12 represents an antiseptic liquid or solid.

It is evident that when the receptacle is supported on a suitable stand 16, so that the opening 9 is unobstructed, the vapor from the antiseptic 12 will rise in the receptacle and in so doing will draw in air through the opening 9 and thus impregnate the bristles of the brush.

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

An antiseptic tooth-brush holder comprising a tube provided at its bottom with an inverted funnel-shaped air-inlet which is formed integrally therewith and which projects upwardly into the interior thereof, the top of which inlet is adapted to support the bristles of a brush, the space between the wall of said inlet and the opposite portion of the wall of said holder being adapted to contain an antiseptic substance.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ROBERT MORSE WITHYCOMBE.

Witnesses:
CHARLES E. GRAHAM,
HENRY W. CLARKE.