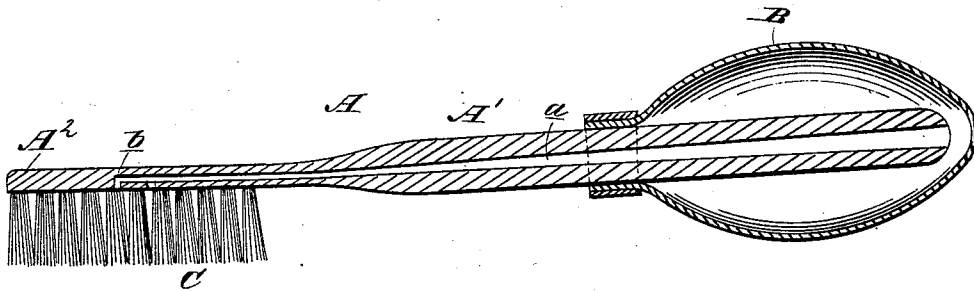


(Model.)

L. CHEVALLIER.
TOOTH BRUSH.

No. 247,012.

Patented Sept. 13, 1881.



WITNESSES:

Francis McArdle,
C. Sedgwick

INVENTOR:

L. Chevallier
BY *Mum Ho*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

LOUIS CHEVALLIER, OF BROOKLYN, NEW YORK.

TOOTH-BRUSH.

SPECIFICATION forming part of Letters Patent No. 247,012, dated September 13, 1881.

Application filed April 23, 1881. (Model.)

To all whom it may concern:

Be it known that I, LOUIS CHEVALLIER, of Brooklyn, Kings county, New York, have invented a new and Improved Tooth-Brush, of which the following is a specification.

The object of this invention is to provide a brush with a reservoir for water to be used during the application of the brush.

The invention consists in the peculiar construction of a brush having attached to its handle an elastic bulb or bag, that communicates with the bristle-plate or face of the brush by means of a tubular passage formed through said plate and handle.

The drawing represents a longitudinal sectional elevation of my improved brush.

In the drawing, A represents a tooth-brush, of the usual design, having formed in its handle A', throughout the length thereof, a tubular passage, *a*, that connects at one end with a perforation, *b*, made at right angles thereto through the center of the brush plate or face A².

B represents the elastic bulb or bag, secured about the handle A' over the opposite end of the passage *a*, which increases in diameter toward the end of the handle, so that the inner end of the handle shall extend nearly to the bottom of the bulb, whereby all the water in the bulb may be easily ejected when the brush is held in an upright position. On compress-

ing the bulb or bag B and introducing the brush into the water, and then removing the pressure from said bulb or bag B, water will be drawn through the passages or perforations *a b* into the bulb or bag B to fill the vacuum therein. Then on applying the brush A to use, the water may be forced out of the bulb B by compression through and about the bristles C upon the teeth or other objects to which the said brush A may be applied.

I am aware that it is common to construct brushes with tubular handles and elastic bulbs for containing and forcing liquid to the bristles, and therefore do not broadly claim such a brush.

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

The combination, with a tooth-brush having its handle constructed with a tubular passage leading to and through the bristle-plate, of an elastic bulb which is fitted over the handle, so that the end of said tubular handle shall extend nearly in contact with the bottom of said bulb, whereby all the water in the bulb may be easily ejected when the brush is held with the bulb downward, as set forth.

LOUIS CHEVALLIER.

Witnesses:

I. I. STORER,
C. SEDGWICK.