

N. A. LEVITAN.
TOILET ARTICLE.
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1,339,265.

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Fig. 1.

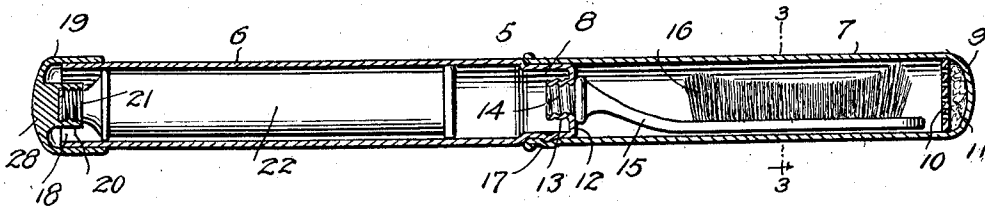


Fig. 2.

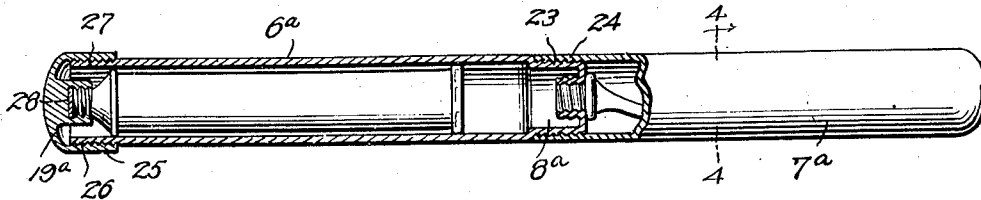


Fig. 3.



Fig. 4.



INVENTOR
Nathan A. Levitan,
Victor J. Evans
ATTY.

UNITED STATES PATENT OFFICE.

NATHAN A. LEVITAN, OF NEW YORK, N. Y.

TOILET ARTICLE.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, NATHAN A. LEVITAN, a citizen of the United States, residing at New York, in the county of Bronx and State of New York, have invented new and useful Improvements in Toilet Articles, of which the following is a specification.

This invention relates to tooth brushes and more particularly to a combined brush and dentifrice container and has for its primary object the provision of a device of this character which will consist of a sectional casing wherein one section normally serves as a sanitary protector for the bristles or cleaning surface of the brush and the other section a handle and container for a dentifrice tube, the construction of the handle section being such that the contents of the dentifrice tube will be maintained in a hermetically sealed condition normally and yet in such manner as will permit of convenient removal of the tube when it is desired to apply the dentifrice to the bristles or cleaning surface.

A still further object of the invention is to provide a device of this character whose construction will be very compact whereby the device can be conveniently carried in the pocket of the user.

A still further object of the invention pertains to the provision of a tooth brush structure including a section adapted to receive an ordinary or stock form of dentifrice tube and the provision of a closure which will be common to both the tube and said section so that in the event that the tube is not properly sealed by the closure there will remain the possibility of proper sealing contact between the parts through engagement of the closure with said section, thereby resorting to several methods of preventing deterioration of the dentifrice by the action of atmospheric conditions.

In the drawings:—

Figure 1 is a longitudinal section through the device showing parts in elevation.

Fig. 2 is a similar view showing a slightly modified form of the invention.

Fig. 3 is a section taken on line 3—3 of Fig. 1, and

Fig. 4 is a section on line 4—4 of Fig. 2.

In carrying the invention into practice, use is made of a casing 5 comprising a hollow handle section 6 and a hollow protecting section 7, one end of the former being re-

duced as at 8 to receive the open end of the section 7 thereover. The section 7 is closed at one end as at 9 and secured within the section in suitable spaced relation to the closed end 9 is a perforated disk 10 between which and said closed end 9 is a suitable antiseptic substance 11. Any suitable chemical preparation may be employed as an antiseptic which will serve to chemically permeate the interior of the section 7 around the bristles of the brush and thereby maintain a sanitary condition of the latter.

The section 6 is provided with a crown wall 12 on which is formed a threaded portion 13. Detachably fitted in said portion is a correspondingly threaded portion 14 of a brush head 15, the latter having bristles 16 or an equivalent cleaning surface. Fastening means 17 are provided between the two sections 6 and 7 to normally maintain a connected condition thereof.

One end of the section 6 is open as at 18 and fitting thereover in close contact therewith as shown in Fig. 1, is a closure cap 19, the central portion of which being provided with a threaded extension 20 which detachably receives the correspondingly threaded neck 21 of a dentifrice tube 22. The tube is of a form whereby it can be normally housed within the section 6 of the structure. The closure 19 is such that it acts both to seal the open end of the section 6 and also the neck 21 of the dentifrice tube. In this manner it will be observed that in the event of carelessness in improperly connecting the extension 20 with the neck 21, the outer walls of the closure cap will establish a sealing contact with the walls of the section 6 to guard against damage to the contents of the tube 22 by the action of the atmosphere. The construction also seals the section 6 in a manner to exclude the entrance of foreign matter thereto.

In the form of the invention shown in Fig. 2, the reduced portion 8^a of the section 6^a is exteriorly threaded at 23 to receive the correspondingly threaded walls 24 of the section 7^a. Also in this form the cap 19^a has its walls 25 interiorly threaded at 26 to receive a corresponding thread 27 of the section 6^a.

In each form of the invention a suitable sealing gasket 28 is employed between the closure cap and the threaded neck 21 of the dentifrice tube.

For the purpose of convenience, the section 7 of the structure as shown in Fig. 1 may be provided with a pocket engaging clip whose object is to prevent loss of the article when carried in the pocket of the user.

What is claimed as new is:—

1. In a tooth brush structure, a casing consisting of mating detachably connected sections, a brush detachably carried by one of said sections and adapted to be inclosed by the other section, a closure member for the first section, which member is capable of sealing the open exteriorly threaded end of a dentifrice tube which may be in-

closed when arranged within said first section.

2. A tooth brush structure comprising a hollow section, a brush detachably connected to said section, a brush inclosing section adapted to be detachably connected with the first section, and a closure member for the first section, which member is capable of sealing the open exteriorly threaded end of a dentifrice tube which may be inclosed when arranged within said first section.

In testimony whereof I have affixed my signature.

NATHAN A. LEVITAN.