

A. GERSTENZANG.
TOILET ARTICLE.
APPLICATION FILED OCT. 6, 1913.

1,192,182.

Patented July 25, 1916.

Fig. 1

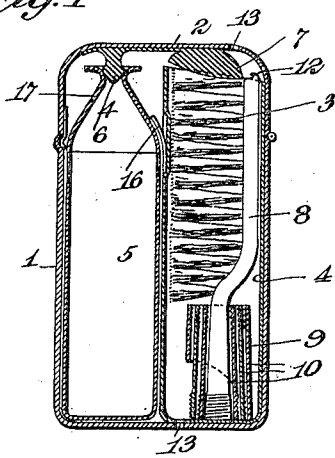


Fig. 2

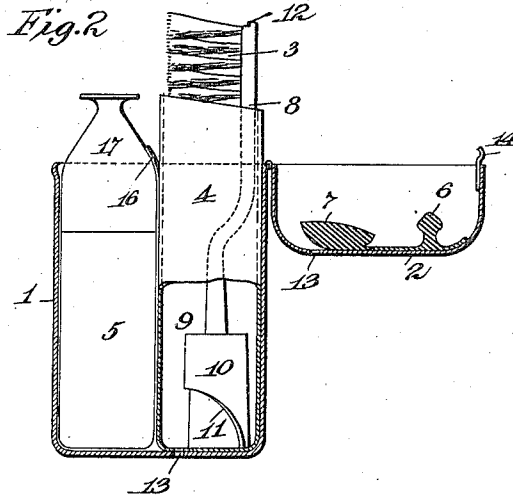


Fig. 3

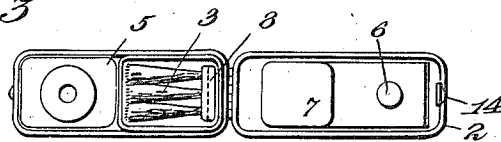


Fig. 4

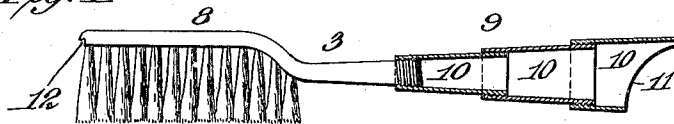
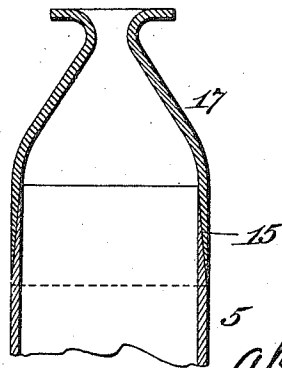


Fig. 5



Witnesses:

Geo. J. Hanson
Anna E. Rutter

Inventor

Abraham Gerstenzang
by Dyer & Taylor
Attorneys.

UNITED STATES PATENT OFFICE.

ABRAHAM GERSTENZANG, OF NEW YORK, N. Y.

TOILET ARTICLE.

1,192,182.

Specification of Letters Patent.

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Application filed October 6, 1913. Serial No. 793,545.

To all whom it may concern:

Be it known that I, ABRAHAM GERSTENZANG, a citizen of the United States, and a resident of the borough of the Bronx, in the city, county, and State of New York, have invented a certain new and useful Toilet Article, of which the following is a specification.

The object I have in view is the production of an entirely portable and self-contained tooth cleaning apparatus, which will occupy a minimum amount of space and have a minimum amount of weight, and yet will be capable of practical use.

According to my invention, the necessary tooth cleaning appliances are combined in a very small and compact liquid tight package, so that they can be carried at all times during the day upon the person. It is thereby made possible to conveniently clean the teeth at any time, irrespective of the place the person having the apparatus may happen to be.

It is well understood that the periodical and frequent cleaning of the teeth is necessary for hygienic reasons; hence, an object of my invention is to make it possible for the user to be in a position to clean the teeth at any time.

These and further objects will more fully appear from the following specification and accompanying drawings, in which—

Figure 1 is a section of a device embodying my invention, showing the casing closed. Fig. 2 is a similar view, certain parts not being in section, and showing the casing open and the brush partly withdrawn. Fig. 3 is a plan view of the structure shown in Fig. 2. Fig. 4 is a side view partly in section of a brush with the handle extended; and Fig. 5 is sectional view of a portion of the dentifrice receptacle.

In all of the views, like parts are designated by the same reference characters.

In carrying out the invention, I provide a casing 1, preferably of the general shape shown, and made of any suitable material. This casing is provided with a cover 2, which may be secured in place by means of a hinge, as desired. Within the casing is a brush 3. This brush lies within a brush pocket 4. The brush pocket 4 is made of any suitable material, and is open at the upper end, as shown. It is adapted to make a close fit with the inside of the casing, so that it will not be accidentally withdrawn

when the brush is taken out. Adjacent to the brush pocket is a dentifrice receptacle 5. This receptacle is shown, in the embodiment chosen for illustration, in the form of a bottle having a restricted neck, with an opening therein. The receptacle may contain dentifrice of any kind, such as liquid, powder or paste.

In connection with the dentifrice receptacle is a stopper 6. This stopper is made of any suitable material. It is carried upon the inside of the cover 2, and in such position that when the cover is in place upon the casing, the stopper will enter the opening in the top of the receptacle 5 and completely close the same. In connection with the brush is an abutment 7. This abutment is also carried by the cover, and is made of any suitable material, such as soft rubber. It is of such a size and shape that when the casing is closed, the abutment will engage with the upper end of the brush and cover the upper open end of the pocket 4 and prevent the brush from moving. As shown in Fig. 2, the stopper and the abutment may be made of a single piece of material, such as soft rubber, attached to the inside of the cover 2. By introducing the brush within an additional pocket, any danger of moisture from the brush escaping to the pocket of the user will be reduced. So, also, will the pocket serve as a means, as will be explained, for carrying a device for preventing the escape of the dentifrice receptacle from the casing, when the dentifrice is being poured or applied to the brush.

The brush illustrated is formed of a body 8, made of any material, in any shape desired. In connection with the body is a handle 9. This handle is collapsible by being made telescopic. It comprises a plurality of frusto-conical sections 10. These sections may be nested one within another, as shown in Fig. 1, in which event the tooth brush will be sufficiently short to go within a casing of small size. The handle may be extended, as shown in Fig. 4, in which event the handle will be long enough and rigid enough for use. To assist in the security of connection of the sections, they may be screw-threaded, as shown in Fig. 4. In order to make the brush more effective with a handle of limited length, the free end section is provided with a curvature, 11, so that the thumb on one hand may be applied to it, and the brush manipulated with

greater steadiness than without it. Also to permit the cleansing of the inside of the handle, the end section is left open, as shown. To assist in the withdrawal of the
 5 brush from the pocket, it is provided with a notch 12 to permit the introduction of the finger nail of the user. In order to properly ventilate the inside of the brush pocket, I prefer to provide the cover 2 and the bottom
 10 of the casing and closure with ventilating openings 13, 13. The cover 2 is provided with any suitable fastener, such as that illustrated at 14. For the purpose of permitting the replenishing of the receptacle
 15 with dentifrice, it is best made as shown in Fig. 5, with the upper part 17 connected to the lower part by means of a slip joint 15. The two parts of the receptacle are held together, when the casing is closed, by the
 20 engagement of the stopper 6 with the neck of the receptacle. If a paste is used instead of a liquid or powder dentifrice, the upper part of the receptacle 5 may be removed and a tube of such paste be carried in
 25 the body of the receptacle. To prevent the receptacle from dropping out of the casing when the latter is turned upside down for the purpose of shaking or distributing the dentifrice upon the brush, an elastic clip 16
 30 is provided, see Figs. 1 and 2. This clip is conveniently attached to the pocket 4. This clip also holds the two parts of the receptacle together when the dentifrice is being shaken out.

35 The brush herein disclosed is not claimed herein, but forms the subject matter of a divisional application for patent filed the 29th day of March, 1915, Serial No. 17,585.

In accordance with the provisions of the
 40 patent statutes, I have described the principle of my invention, together with the apparatus which I now consider to represent the best embodiment thereof; but I desire to have it understood that the apparatus
 45 shown is merely illustrative and that the invention may be carried out in other ways.

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

50 1. A toilet article, which comprises a casing, a two part receptacle for dentifrice, said two parts being connected by a slip joint,

the said casing having a cover carrying a stopper for closing the receptacle and retaining its parts in position.

2. A toilet article, which comprises a casing, a removable receptacle for dentifrice and a removable pocket carrying a tooth brush, the said casing having a cover carrying a closure for the pocket, said closure forming an abutment for holding the brush in position.

3. A toilet article, which comprises a casing, a separable receptacle for dentifrice and a pocket carrying a tooth brush, the said casing having a hinged cover carrying a stopper for the receptacle, said stopper serving to hold the parts of the receptacle together; and a closure for the pocket, said closure forming an abutment for holding the brush in position.

4. A toilet article, which comprises a casing, a removable, separable dentifrice receptacle, a removable brush pocket within the casing, an elastic engaging means for the receptacle carried by the pocket, and a cover for the casing, said cover carrying means for closing the receptacle and pocket and retaining them in position.

5. A toilet article which comprises in combination a casing, a removable pocket within the casing, a cover for the casing, a collapsible brush within the pocket, an abutment carried by the cover to close the pocket and retain it in position and to retain the brush in collapsed condition, and means for ventilating the pocket.

6. A toilet article which comprises a casing, a two part receptacle within the casing, said two parts being connected by a slip joint, said casing having a cover carrying a stopper for closing the receptacle and retaining it in position and its parts in engagement, and additional means carried by the casing and engaging with the receptacle to hold the latter in place and the parts together when the cover is open.

This specification signed and witnessed this 3rd day of October, 1913.

ABRAHAM GERSTENZANG.

Witnesses:

ANNA E. RENTON,
 ROBERT B. GERSTENZANG.