

S. P. BRONSON.
 SANITARY COMB.
 APPLICATION FILED APR. 25, 1912.

1,064,607.

Patented June 10, 1913.

FIG. 1.

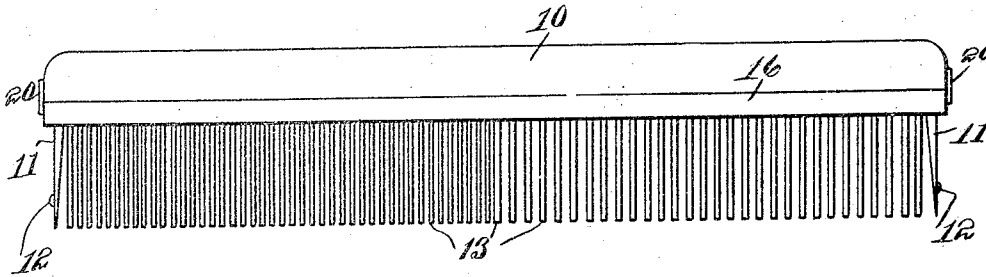
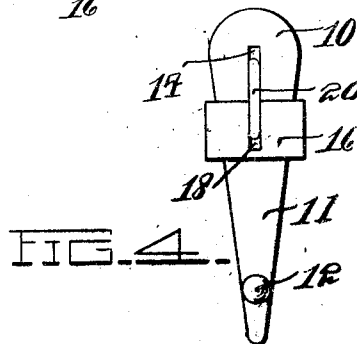
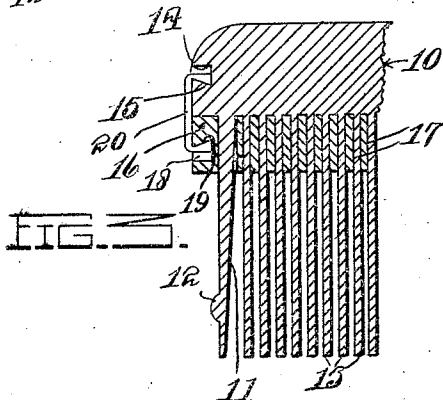
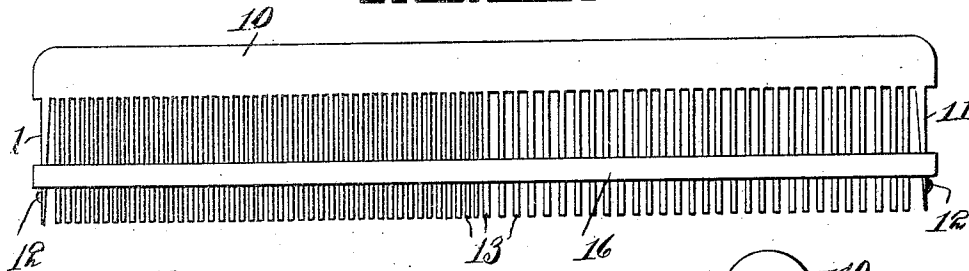


FIG. 2.



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Witnesses

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UNITED STATES PATENT OFFICE.

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SANITARY COMB.

1,064,607.

Specification of Letters Patent.

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To all whom it may concern.

Be it known that I, SAMUEL P. BRONSON, a citizen of the United States, residing at Coregidor, via Manila, in the Philippine Islands, have invented certain new and useful Improvements in Sanitary Combs; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to new and useful improvements in combs and more especially to cleaners for combs and the object of my invention is to improve the construction and increase the efficiency of devices of the above described character.

A further object of my invention is to provide a comb with a slotted cleaner bar which is slidably mounted over the teeth of the comb and which in raised position in no way interferes with the ordinary employment of the comb. And a still further object of my invention is to provide means for locking the cleaner bar in raised position.

With these and other objects in view, my invention will be more fully described, illustrated in the accompanying drawings which show a preferred embodiment of my device and then specifically pointed out in the claim which is attached to and forms a part of this application.

In the drawings, Figure 1 is a side elevation of a comb with my cleaning device applied thereto, the cleaner bar being shown in raised position. Fig. 2 is a like view showing the cleaner bar in lowered position. Fig. 3 is a fragmentary longitudinal section showing the locking means employed in securing the cleaner bar in raised position. Fig. 4 is an end elevation of the comb.

Referring more specifically to the drawings, in which similar reference numerals designate corresponding parts throughout, 10 designates the body portion or back of the comb having relatively heavy end teeth 11 provided with lateral enlargements 12 formed on their outer faces adjacent their lower ends, and a plurality of spaced intermediate teeth 13. The ends of the back of the comb are each provided with an inwardly directed socket 14 terminating at its inner end in a downwardly inclined extension

15, the purpose of which will be hereinafter explained.

A cleaner bar 16, preferably formed of the same material as the comb, is provided with a plurality of spaced slots 17 each adapted to receive one of the comb teeth and is slidably mounted upon the teeth and held against disengagement therefrom by the enlargements 12 of the end teeth 11, the slots formed for the reception of said teeth being so proportioned that when the end teeth are sprung inwardly toward the intermediate teeth they will pass readily through the slots thus permitting the positioning of the cleaner bar upon the comb. Each end of the cleaner bar is provided with a socket 18 similar to the sockets 14 with the exception that the inner ends of the sockets 18 are inclined upwardly as shown at 19.

In order to maintain the cleaner bar in raised position I have provided a pair of U-shaped catches 20 the sides of which are adapted to pass within the sockets 14 and 18, these catches being formed of resilient material, preferably metal, and having their free ends bent slightly toward each other in such a manner that when the catches are in place these ends will engage in the inclined terminals of the sockets and so prevent casual disengagement of the catches.

In operation, when the comb is to be cleaned, these catches are removed and the cleaner bar is moved downwardly over the teeth of the comb to clean the same. The cleaner bar is then raised and secured in place by the catches.

From the foregoing description it will be apparent that I have provided a simple and efficient form of self cleaning comb and one in which the cleaner bar is securely locked when in raised position.

It will of course be understood that minor changes in the details of construction may be made if desired without in the slightest degree departing from the spirit of my invention as defined by the appended claim.

What I claim is:—

The combination with a comb having a beveled socket formed in each end of the head, shoulders formed at the junctures of the end teeth and the head and projections formed on the outer surface of the end teeth, of a cleaner bar slidable over the teeth of

the comb adapted to engage said shoulders
and said projections, said cleaner bar hav-
ing a beveled socket in each end thereof, and
resilient fastening clips, each having fin-
5 gers with beveled enlargements on their
outer ends to removably engage in the bev-
eled sockets of the comb and cleaner bar.

In testimony whereof, I affix my signa-
ture, in presence of two witnesses.

SAMUEL P. BRONSON.

Witnesses:

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