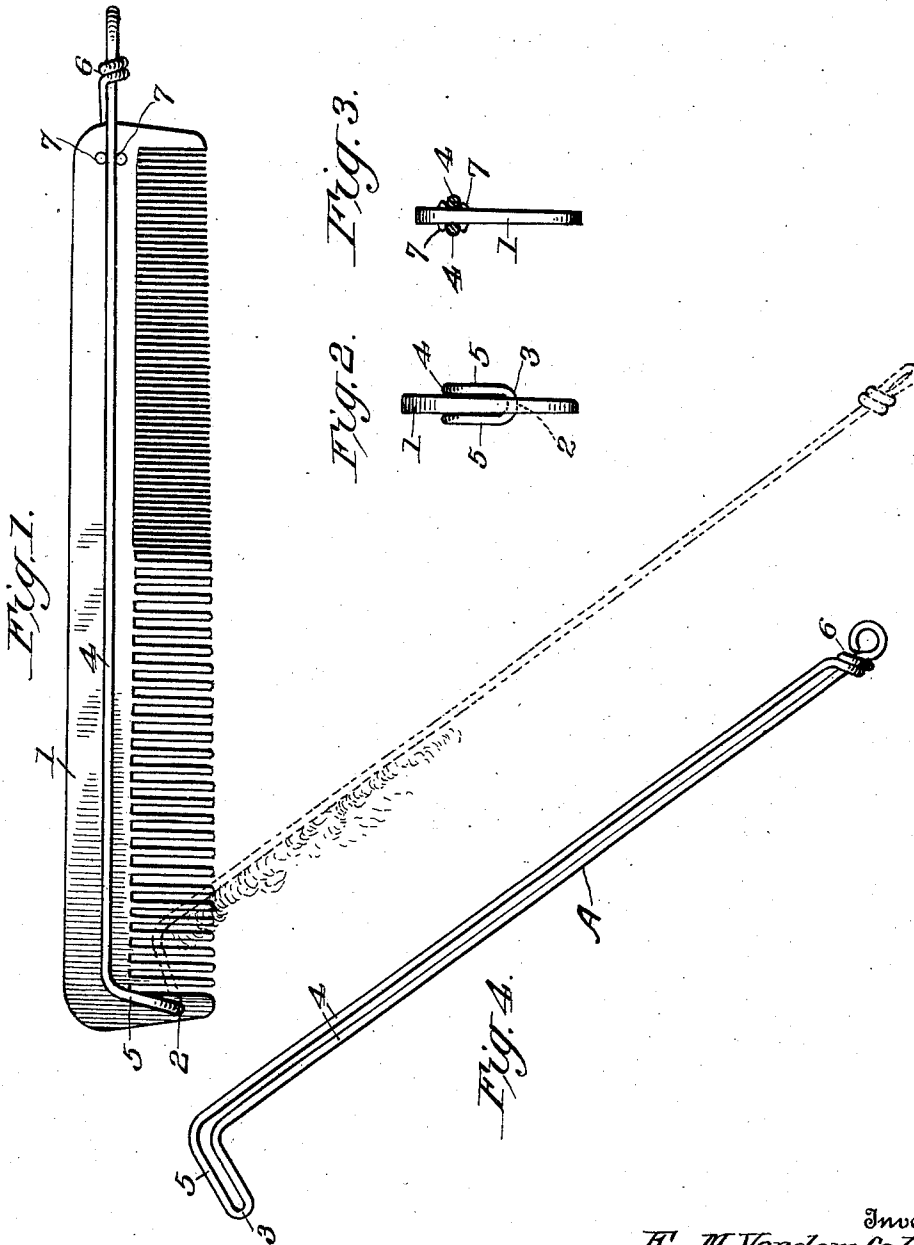


F. L. VORDEMFELDE.
 COMB CLEANER.
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986,785.

Patented Mar. 14, 1911.



Witnesses
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UNITED STATES PATENT OFFICE.

FRED L. VORDEMFELDE, OF CELINA, OHIO.

COMB-CLEANER.

986,785.

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To all whom it may concern:

Be it known that I, FRED L. VORDEMFELDE, a citizen of the United States, residing at Celina, in the county of Mercer and State of Ohio, have invented certain new and useful Improvements in Comb-Cleaners, of which the following is a specification.

This invention comprehends certain new and useful improvements in toilet combs of that class which are provided with devices for removing from the teeth of the comb the hair that would otherwise cling thereto, and the invention has for its primary object a simple construction of comb of this character the cleaning attachment of which may be very cheaply manufactured and easily applied to the comb, the same being durable and efficient in operation. And the invention has for a further object to generally improve this class of devices and to increase the commercial utility and desirability thereof.

With these and other objects in view that will more fully appear as the description proceeds, the invention consists in certain constructions and arrangements of the parts that I shall hereinafter fully describe and then point out the novel features of in the appended claims.

For a full understanding of the invention and the merits thereof and also to acquire a knowledge of the details of construction, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a side view of a comb embodying the improvements of my invention; Fig. 2 is an end view thereof; Fig. 3 is an opposite end view, the cleaner attachment being shown in section; and, Fig. 4 is a detail perspective view of the attachment.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawing by the same reference characters.

Referring to the drawing the numeral 1 designates a comb which may be formed of any desired substance or material and of any desired design, said comb being provided in one end tooth intermediate of the ends thereof, with a transversely extending aperture 2.

A designates my improved cleaner attachment. This is preferably formed of a loop of suitably strong wire, the same preferably embodying spring characteristics, the

cleaner comprising an end cross bar 3 which is adapted to pass through the aperture 2 to pivotally connect the cleaner to the comb, and parallel side bars 4 which are designed to extend along the opposite side faces of the comb, as clearly illustrated in the drawing. The ends of the side bars 4 contiguous to the cross-bar 3, are angularly offset, as indicated at 5, and the opposite ends of the side bars 4 project beyond the adjoining end of the comb and are formed into a handle 6. In the present embodiment of the invention, the handle is formed by coiling the ends of the wire, as clearly illustrated in the drawing. This end of the comb is formed on either one or both faces, with keepers in the form of protuberances 7, the same being spaced from each other and the side bar or the side bars being adapted to snap over the said protuberances whereby to hold the cleaning attachment in its inoperative position.

From the foregoing description in connection with the accompanying drawing the operation of my improved comb cleaner will be apparent. In the normal position of the cleaning attachment, the side bars 4 lie along the opposite faces of the main body portion of the comb, being held in this position by the protuberances or other keepers 7, the offset formation of the side bars, as indicated at 5, insuring that the entire cleaning attachment shall be out of the way of the teeth of the comb when the latter is being used. In order to clean the comb of the hair and the like which might cling to the teeth of the comb after the same has been used, it is only necessary to swing the cleaner loop A in a direction from the base toward the ends of the teeth. This operation manifestly strips the teeth of the hair and dandruff, as the side bars 4 are so constructed that they will tend to spring inwardly toward each other and rub with sufficient friction against the opposite side faces of the teeth. It is also to be particularly noted that by arranging the pivotal point of the cleaner A somewhere intermediate the ends of one end tooth of the comb and by offsetting the ends of the side bars 4 contiguous to the cross bar 3, as indicated at 5, every tooth of the comb will be cleaned in the operation of the cleaning attachment, the several teeth next to the end tooth where the attachment is pivoted, as well as those far away from said end tooth.

Obviously the device may be very cheaply manufactured as the comb itself is very slightly different from the ordinary comb and may be easily provided with the aperture 2 and protuberances 7 or other keepers while the cleaner attachment itself can be very cheaply made out of a piece of spring wire.

Having thus described the invention, what is claimed is:

1. The combination with a comb, of a cleaning attachment pivotally connected to the comb intermediate the ends of one end tooth of the latter, and movable over the face of the comb in a plane parallel thereto, said cleaning attachment embodying a side bar having offset ends contiguous to the tooth to which the attachment is pivoted.

2. As a new article of manufacture, a self-cleaning comb embodying a comb proper, and a spring wire loop pivotally connected to one end of the comb and embracing the comb and frictionally engaging the opposite

side faces thereof, said attachment being movable in a plane parallel with the side faces of the comb.

3. The combination with a comb provided in one end tooth and intermediate the ends of the latter with a transversely extended perforation, a cleaning attachment pivotally connected at one end to the comb in said perforation and angularly formed at its pivoted end in a plane parallel with the face of the comb, the attachment embodying a side bar adjoining the offset end, and the comb being provided with means for holding the side bar in position along the solid body portion of the comb with the offset end extending substantially in line with the end tooth to which the attachment is connected.

In testimony whereof, I affix my signature in presence of two witnesses.

FRED L. VORDEMPELDE. [L. S.]

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."