Lucius S. Stimson, Comb or Brush
for coloring or dyeing hair

72558

Fig 2.

Figure 1.

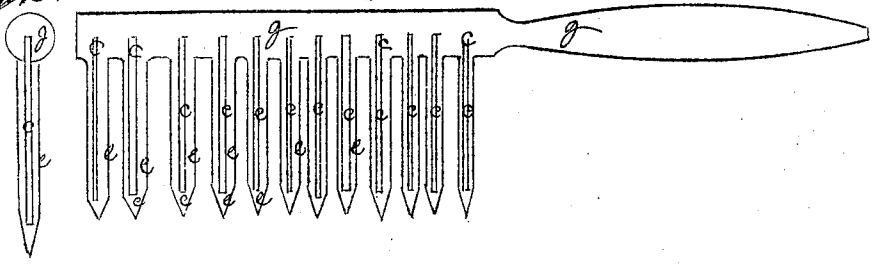
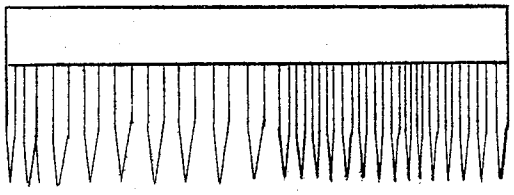
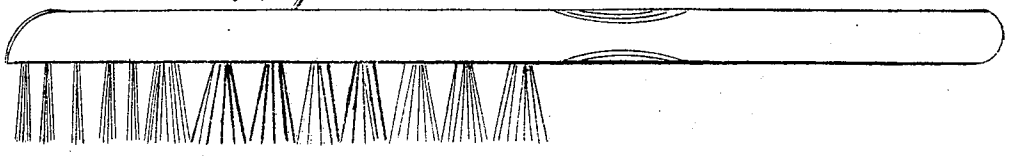


Figure 3.



PATENTED
DEC 24 1867

Figure 4.



Witnesses,
John E. Lerane
Lang Monroe

Inventor.
L. S. Stimson

United States Patent Office.

LUCIUS S. STIMSON, OF LOWELL, MASSACHUSETTS, ASSIGNOR TO HIMSELF AND JEROME B. MELVIN, OF SAME PLACE.

Letters Patent No. 72,558, *dated December* 24. 1867.

IMPROVEMENT IN INSTRUMENT FOR DYEING THE HAIR.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, LUCIUS S. STIMSON, of Lowell, in the county of Middlesex, and State of Massachusetts, have invented certain new and useful Improvements in Combs and Brushes for Permanently Coloring or Dyeing Hair, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 represents a central longitudinal section of a comb, which has been constructed and prepared for dyeing or permanently coloring hair, and as invented by me.

Figure 2 is a transverse section of the same.

Figure 3 represents a side elevation of an ordinarv comb which has been prepared for dyeing or permanently coloring hair.

Figure 4 represents a side view of a hand-brush which has been prepared for dyeing or permanently coloring hair, and which may be used instead of a prepared comb.

My invention and improvements in hair-dyeing or hair-coloring combs or brushes, consist in so preparing the comb or brush by loading or covering the teeth of the comb, or the bristles, or the wires of a bristle, or a wire brush, with dyeing or coloring-substance, or material, or ingredient, which will dry or harden on and adhere to the comb-teeth, or the bristles, or wires of the brush, that when said comb or said brush is brought into contact with slightly-moistened hair, in the ordinary manner of combing or brushing the hair, the prepared comb or brush, or the dyeing or coloring-matter thereon, will impart to the hair a permanent color, or, in other words, the hair so combed or brushed, by a comb or brush prepared as stated, will be so dyed or colored that no washing or ordinary wear, or other reasonable means, will remove the color, or cause it to fade in the least degree.

Any ordinary hair-comb may be prepared for dyeing the hair according to my invention, but by making the comb-teeth small, and the spaces broad between the teeth, as seen in fig. 1, a greater quantity of the dyeing or coloring-matter can be applied to the comb-teeth, and such a comb, or a brush made on the same plan, of wide spaces between the bristles, will endure, and dye or color the hair for a much longer time than a finer-spaced comb, or a brush, the bristles of which are near together.

In constructing and preparing a hair-dyeing comb, as shown in fig. 1, the comb-teeth *e* are wires, set in a handle, *g*, and the dyeing-substance *e* is applied to the comb-teeth in a semi-liquid state, and allowed to dry or harden. The same dyeing or coloring-substance is applied to the teeth of any other comb or to the bristles of a bristle brush, or the wires of a wire brush, and allowed to harden or dry before being used.

In dyeing or coloring hair with my improved dyeing or coloring-comb or brush, the hair should be slightly moistened, and the prepared comb or brush brought into contact with the hair, in the ordinary manner of combing or brushing such hair. The prepared comb or brush should be passed through or drawn through the hair a sufficient number of times to have the desired color imparted to the same. Any color may be used that can be applied to the teeth of a comb, or the bristles, or the wires of a bristle or a wire brush; and in dyeing the hair some particular shades, I have found it best to prepare two combs—one comb with one kind of substance or composition of substances, on the teeth thereof, and one comb with a different substance or composition of substances on the teeth thereof. As, for instance, to dye the hair black, one comb may be prepared with a composition made as follows: First, melt in a vessel any given quantity of lead, and stir in nitrate of silver, nearly or quite as much as will mix, then dip the metal teeth of the comb, or the wires of a wire brush, into the melted substance, and remove the same and allow it to cool, when the comb or wire brush is ready for use. The other comb may be prepared by coating or covering the comb-teeth with a pasty substance, made by boiling down fluid extract of pulverized nutgalls, or by making a strong decoction of pulverized nutgalls, steeped in water, and the strong liquid boiled down to the pasty substance. Coat the teeth of the second comb with this pasty substance, and allow the same to dry, when it is ready for use. These two last-described combs are used in connection, and a beautiful black is the result. The comb-teeth may have several coats of the dyeing-substance applied to them, and such dyeing or coloring-comb be made to endure much longer.

In the use of my invention, almost any person can color or dye his or her own hair in a few moments, and

with much less expense and trouble than by the old method, and without liability of injury to articles of dress or furniture, whereas, in dyeing the hair with any liquid hair-dye, the operation is difficult, requiring the aid of a skilled hair-dresser. Hence expensive, or liable to get spilled, or bottles broken, and clothing or furniture injured or spoiled.

What I claim as new, and desire to secure by Letters Patent, is—

Coating or covering the teeth of a comb, or the bristles, or the wires of a bristle or a wire brush, with coloring-matter as described, that the hair may be dyed or permanently colored by using said prepared comb or brush, substantially as specified.

L. S. STIMSON.

Witnesses:
JOHN E. CRANE,
LANG MONROE.