

A. WEHRSEN.
 COMB FOR COMBING THE HAIR.
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1,235,404.

Patented July 31, 1917.

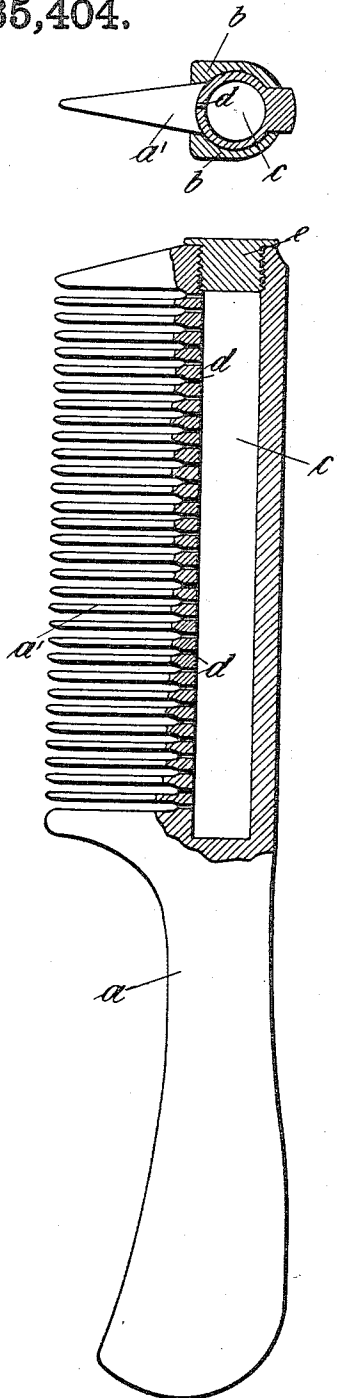


Fig. 2

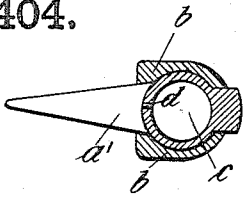


Fig. 1

Fig. 3

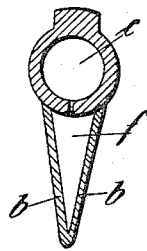


Fig. 4

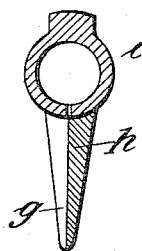
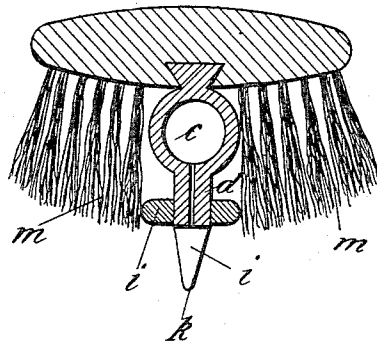


Fig. 5



Witnesses

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COMB FOR COMBING THE HAIR.

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To all whom it may concern:

Be it known that I, ALFRED WEHRSEN, engineer, a subject of the German Emperor, and residing at 31 Schlesischestrasse, Berlin SO., State Prussia, German Empire, have invented certain new and useful Improvements in or Relating to Combs for Combing the Hair, of which the following is a specification.

This invention relates to combs for combing the hair, and a primary object is to provide an improved comb which when in use not only combs but also smooths the hair so that it becomes soft and glossy.

To this end I make the improved comb of two kinds of materials, one of which is a polishing mass which when the teeth of the comb pass through the hair contacts with the hair and polishes it smooth.

Several illustrative embodiments of the invention are represented by way of example in the accompanying drawing, wherein:—

Figure 1 is a side elevation, partly in section, showing one form of comb according to the invention, and

Fig. 2 is a cross-section thereof;

Figs. 3 and 4 are cross-sections through modified forms, and Fig. 5 shows another form combined with a brush.

Referring to Figs. 1 and 2, the comb *a* provided with a handle is made in the usual manner of any suitable material, *e. g.* ebonite. As clearly shown in Fig. 2, a layer *b* composed of a polishing mass is arranged at the one end of the teeth *a'*. This polishing mass may consist, for example, of hard porcelain, unpolished steel, a suitable mixture containing emery, carborundum or the like. I prefer, however, to use ebonite to which a suitable polishing mass has been added before vulcanization. The two layers can be attached together in any suitable manner. If the comb *a* itself consists of ebonite I prefer to vulcanize the layers together. The back part or body of the comb may have in it a hole *c* which is connected by holes *d* with the spaces between the teeth *a'* and can be closed at its end by a plug *e*. Porous material, *e. g.* clay, cotton wool or

the like, which is saturated with a substance having a pleasant odor, is put into this hole *c*. The scent issuing through the holes *d* is imparted to the hair.

In the embodiment shown in Fig. 3 the polishing layer *b* is arranged laterally on the teeth, so that each single tooth has a middle portion *f* of the usual material which is exposed at two sides while the other two sides are covered with the polishing material *b*.

In the embodiment shown in Fig. 4 the teeth also comprise two parts: the part *g* is of the usual material, while the part *h* is composed of polishing material. In this case the two parts *g* and *h* are also connected together by vulcanization.

A comb of the character described may be combined with a brush, as shown by way of example in Fig. 5. The polishing material is placed on the comb in the form of lateral ribs *i* and is located immediately below the surface of the brush, while the teeth *k* proper of the comb project beyond the bristles. When this implement is used the hair is divided by the teeth *k*, polished by the ribs *i* and brushed by the brush *m*.

As compared with making the whole comb of polishing material the composition of the comb of two materials has the advantage of greater durability, because all materials adapted for polishing the hair are readily broken; further, the hair is protected because the hair is actually combed by the smooth ebonite and only hair arranged in order by the smooth part of the comb is subjected to the polishing process.

I claim:—

1. A comb consisting in combination of two different kinds of material, one material being a polishing mass consisting of ebonite having a polishing material vulcanized therein, substantially as described and for the purpose specified.

2. A comb consisting in combination of two different kinds of material, one material being solid ebonite and the other being ebonite containing a polishing material vulcanized therein, the two materials being vulcanized to each other for the purpose specified.

3. A comb having teeth each consisting
in combination of two kinds of material the
one material being solid ebonite and the
other being ebonite containing a polishing
5 material vulcanized therein, the two ma-
terials being vulcanized to each other for the
purpose specified.

In testimony whereof I have affixed my
signature in presence of two witnesses.

ALFRED WEHRSEN.

Witnesses:

HENRY HASPER,
ARTHUR SCHEBOEDER.