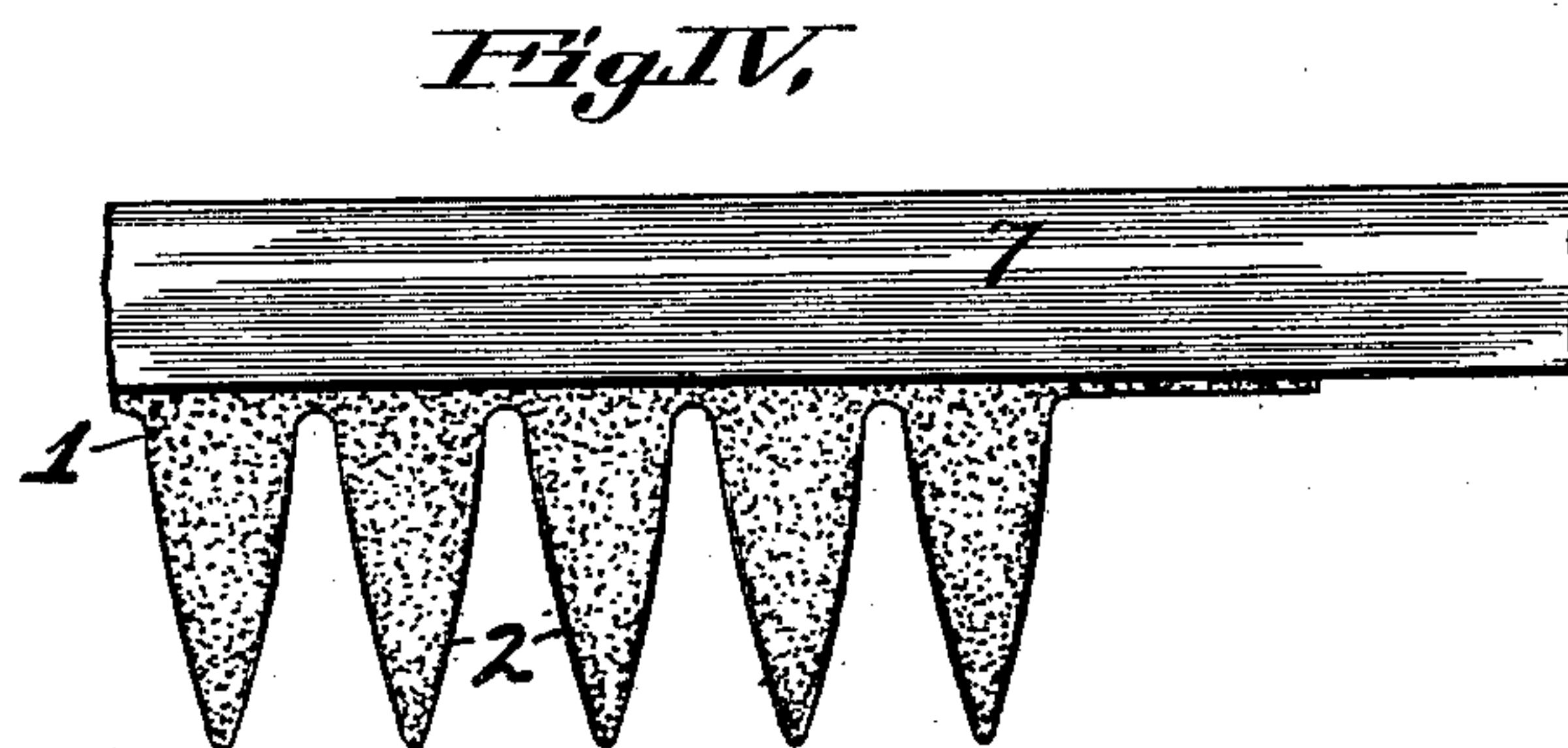
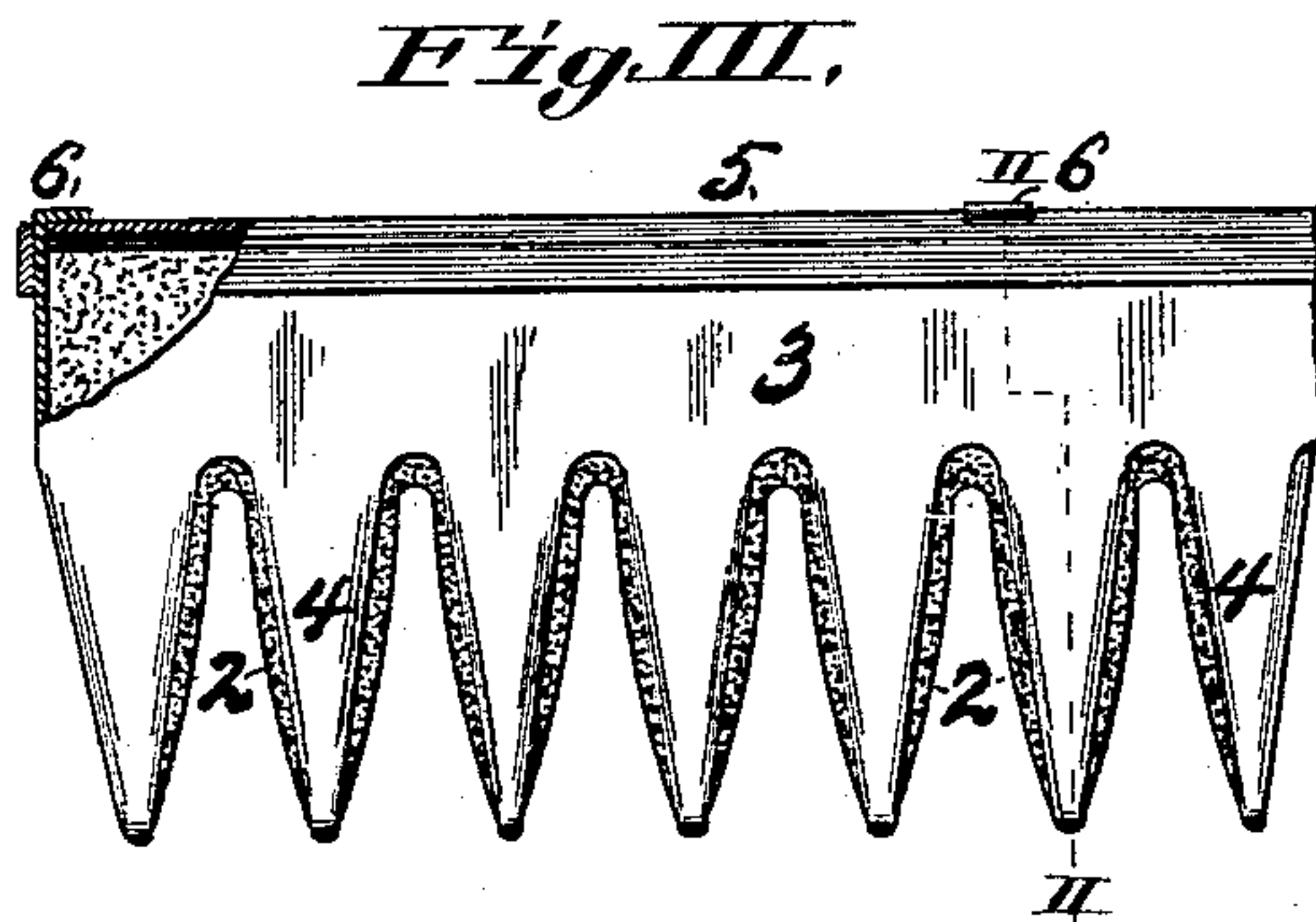
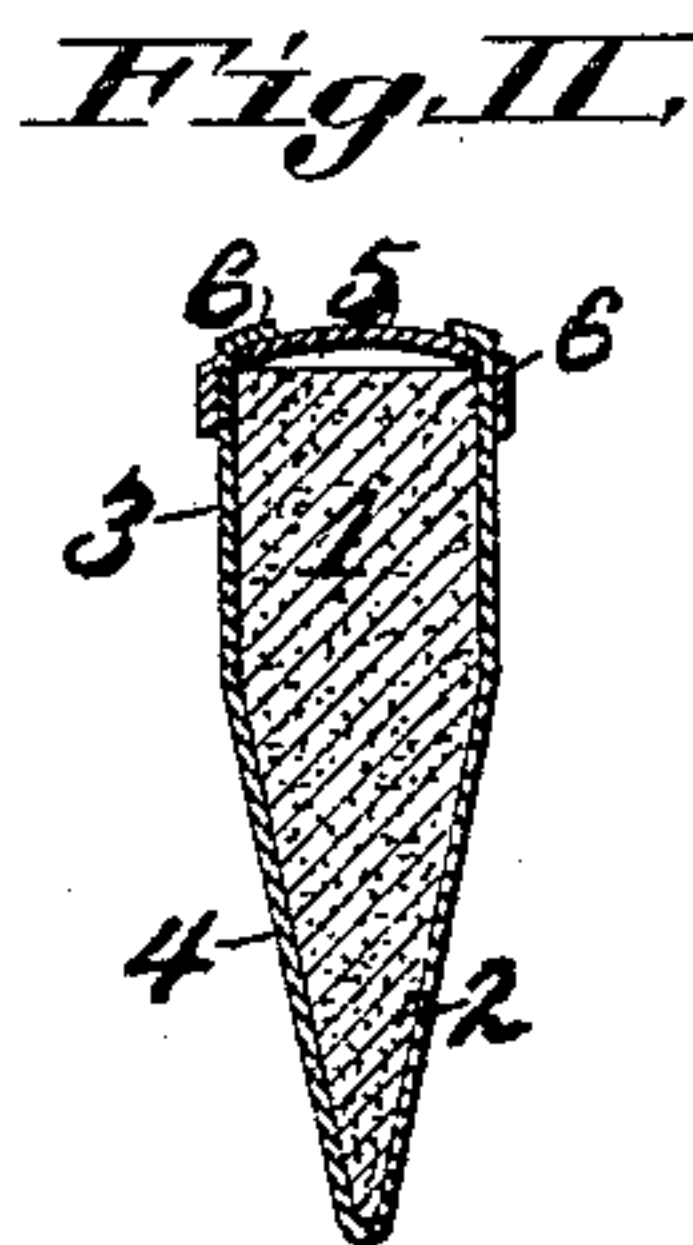
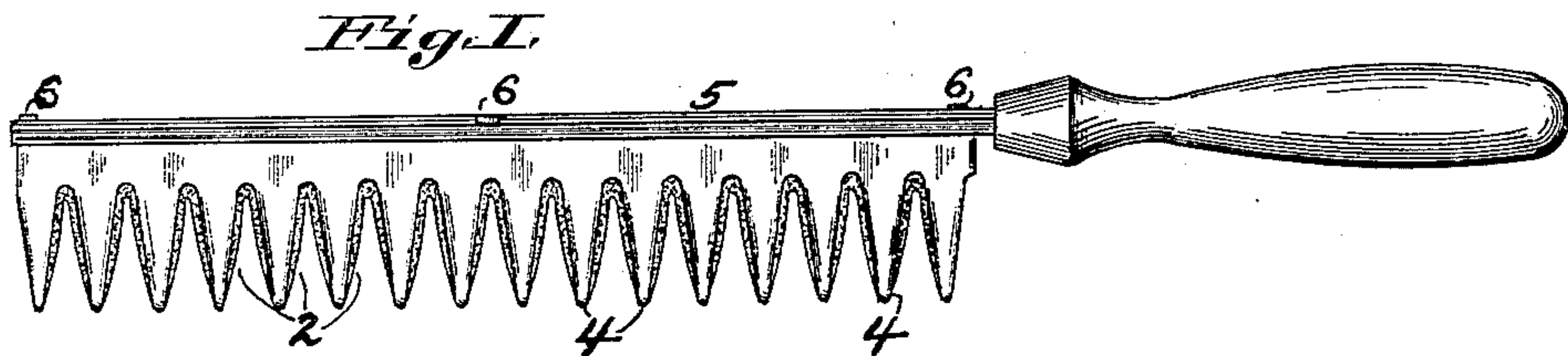


No. 633,457.

Patented Sept. 19, 1899.

W. HOTZE.  
HAIR DRYING COMB.  
(Application filed May 31, 1898.)

(No Model.)



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# UNITED STATES PATENT OFFICE.

WILLIAM HOTZE, OF ST. LOUIS, MISSOURI.

## HAIR-DRYING COMB.

SPECIFICATION forming part of Letters Patent No. 633,457, dated September 19, 1899.

Application filed May 31, 1898. Serial No. 682,162. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM HOTZE, a citizen of the United States, residing at the city of St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Hair-Drying Combs, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to a comb for drying the hair composed of absorbent material, providing a new article of manufacture adapted to be heated for the purpose of removing moisture from the hair, the particular object being the production of a comb for use in drying the hair subsequent to washing or shampooing the head.

My invention consists in features of novelty hereinafter fully described, and pointed out in the claims.

Figure I is a side view of a comb made in accordance with my invention. Fig. II is an enlarged cross-sectional view taken on the line II II, Fig. III. Fig. III is an enlarged side view of the outer end of the comb, a portion being shown in longitudinal section. Fig. IV is a side view of a modification.

The comb 1, having teeth 2, is composed of material of absorbent nature—such as clay, asbestos, mineral wool, or a composition composed of two or more absorbent materials. The materials used are also preferably those of such nature that they will withstand heat when exposed thereto for the purpose of removing moisture gathered in the comb in use.

In Figs. I to III, inclusive, I have shown the comb incased in a protective casing of sheet metal or other suitable material. This protective casing protects the comb from injury and renders it less liable to become broken and also provides means for the application of a handle to the comb. The protective casing has a body portion 3 and teeth 4, within which the absorbent comb is confined. The teeth 4 are open at their edges to permit the edges of the teeth of the comb to project therethrough, as is clearly shown in

the drawings. The protective casing has a detachable top 5 connected to the body portion thereof by tongues 6 on the body portion extending through the top 5 and bent over onto the top to retain it in position.

In Fig. IV, I have shown a modification in which the absorbent comb is unincased, but has a back 7, that may form a handle. The back 7 may, however, be dispensed with and the entire article be simply the absorbent comb.

In the practical use of my comb the article is designed to be first heated and then passed through the hair to be dried. The absorbent nature of the comb causes it to imbibe the moisture in the hair. When the comb has become cooled and filled with the moisture, it is again heated to dry it and again used in the same manner as before.

I claim as my invention—

1. A hair-drying comb comprising a back and teeth of refractory absorbent material, porous in structure to take up moisture by capillary action and capable of withstanding great heat to evaporate said moisture, thus taking up and removing successive charges of moisture from the hair; substantially as described.

2. A comb, a protective casing in which said comb is contained, said protective casing having teeth open at their edges to permit the teeth of the comb to project therethrough, substantially as described.

3. The combination of a comb, a protective casing in which said comb is contained, and a detachable top applied to said protective casing, substantially as described.

4. The combination of a comb, a protective casing in which said comb is contained, a detachable top applied to said protective casing, and tongues on said protective casing arranged to secure said top to the protective casing, substantially as described.

WILLIAM HOTZE.

In presence of—

E. S. KNIGHT,  
STANLEY STONER.