

970,396.

C. H. ROYALTY.
HAIR DRESSING COMB.
APPLICATION FILED AUG. 25, 1908.

Patented Sept. 13, 1910.

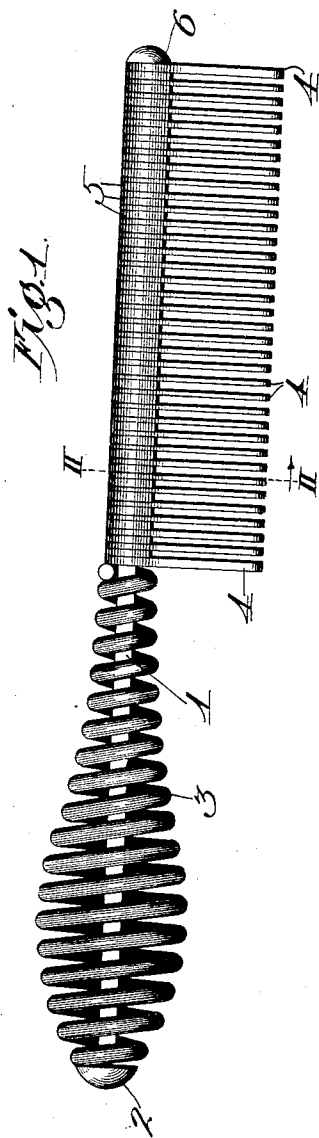


Fig. 3.

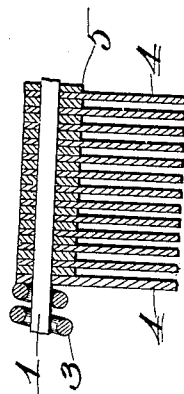
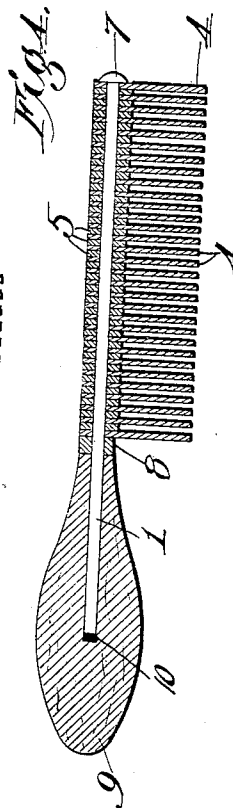
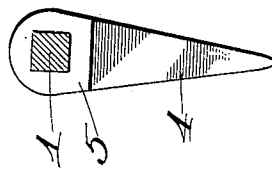


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES H. ROYALTY, OF CHATTANOOGA, TENNESSEE.

HAIR-DRESSING COMB.

970,396.

Specification of Letters Patent. Patented Sept. 13, 1910.

Application filed August 25, 1908. Serial No. 450,227.

To all whom it may concern:

Be it known that I, CHARLES H. ROYALTY, a citizen of the United States, residing at Chattanooga, in the county of Hamilton and State of Tennessee, have invented certain new and useful Improvements in Hair-Dressing Combs, of which the following is a specification.

This invention relates to combs of the general character employed for dressing the hair and particularly adapted to be heated for the purpose of drying the hair as it is combed, and my object is to produce a comb of this character which can be economically manufactured and which embodies the desirable features of simplicity, strength, and durability.

To this end the invention consists in certain novel and peculiar features of construction and organization as hereinafter described and claimed; and in order that it may be fully understood reference is to be had to the accompanying drawing, in which—

Figure 1, is a side elevation of a comb embodying my invention. Fig. 2, is an enlarged section taken on the line II—II of Fig. 1. Fig. 3, is a central vertical longitudinal section of a portion of a comb. Fig. 4, is a central vertical longitudinal section of a modified form of the comb.

In carrying out my invention I employ a preferably square rod 1 of suitable length and equip the same with a head or knob 2, at one end. A handle is then slipped upon the rod until it abuts against the head or knob, said handle being preferably of strong wire coiled as shown at 3. A suitable number of alternately arranged teeth 4 and washers 5 are then slipped upon the rod, said teeth and washers having openings to receive the rod, which are of substantially the same form as the latter so as to be incapable of turning thereon, there being a sufficient number of teeth and washers to require the spring handle to be compressed endwise before all of such teeth and washers can be placed upon the rod. The end of the rod opposite to that equipped with the head or knob, is then upset or riveted as at 6 in order that the expansive tendency of the spring handle may be utilized to hold the teeth and washers clamped tightly together.

In Fig. 4, I preferably employ a relatively

shorter rod 1 provided with a head 7 at the end corresponding to the upset or riveted end 6 of Fig. 1. The teeth and washers alternately arranged as explained are then slipped upon said rod until the foremost one engages the head 7. A washer 8 is then slipped upon the rod until it engages the tooth at the opposite end of the comb and then said washer is welded upon the rod. If preferred the rod can be equipped with a washer 8 before it is formed with the head 7 and in such case the teeth 4 and washers 5 will be slipped upon the rod from its opposite end and then such end will be upset or riveted to form head 7. In either method of construction the end of the rod projecting rearward from the washer 8 will be equipped with a handle, preferably a wood handle 9 which is formed with an axial opening 10 of such form and size that when the handle is driven upon the rod, it will fit so tightly thereon that it cannot be readily displaced.

Either type of the comb can be heated in any suitable manner without the handle becoming heated to any extent so that the operator by grasping such handle can use the comb in the usual manner, the heat of the teeth resulting in a more rapid drying of wet or damp hair than a comb at normal temperature.

A comb of the character described is practically indestructible and will therefore be especially adaptable for use in public places, such for instance as bathing resorts though, of course, it is not confined to such use.

From the above description it will be apparent that I have produced a comb embodying the features of advantage enumerated as desirable, and which is susceptible of change in minor particulars within the scope of the appended claim without departing from the principle of construction involved.

Having thus described the invention what I claim as new and desire to secure by Letters Patent, is:—

A comb consisting of a rod 1, having a head at one end and upset to form a head at its opposite end and of polygonal form in cross section, a coiled wire handle surrounding the rod and bearing at its rear end against the first-named head and of diminishing diameter from a point nearer its rear end than its front end toward said ends and

snugly embracing the rod at its first-named
end, teeth fitting non-rotatably upon the rod
between the head at its front end and the
front end of the coiled wire handle, and
5 washers interposed between and arranged
alternately with respect to said teeth and
like the latter fitting non-rotatably on the
rod and with the latter held pressed against

the head at the front end of the rod, by said
coiled wire handle. 10

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

CHARLES H. ROYALTY.

Witnesses:

R. N. WILLIAMSON,
F. M. EADES.