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C. F. GAUNT

HAIR CUTTING, SHAVING, OR COMBING DEVICE

Filed Sept. 20, 1922

Fig. 1.

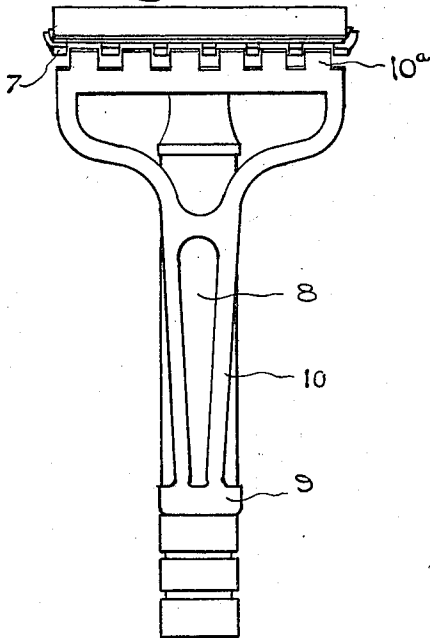


Fig. 2.

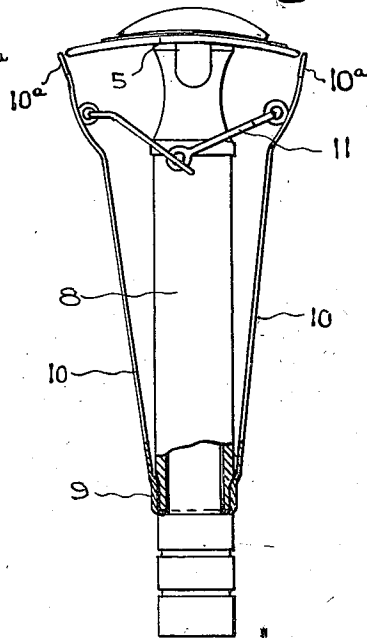


Fig. 4.

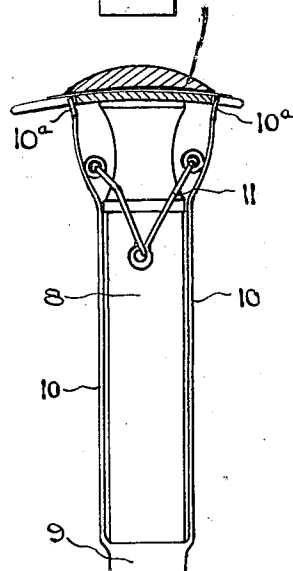
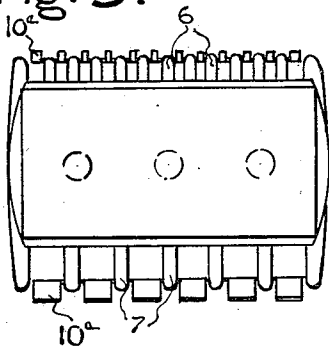


Fig. 3.



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HAIR-CUTTING, SHAVING, OR COMBING DEVICE.

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To all whom it may concern:

Be it known that I, CHARLES FREDERICK GAUNT, of the city of Birmingham, England, a subject of the King of Great Britain, have invented certain new and useful Improvements in and Connected with Hair-Cutting, Shaving, or Combing Devices; and I do hereby declare that the following is a full, clear, and exact description thereof.

This invention has reference to improvements in and connected with hair cutting, shaving, or combing devices, and has for its object to provide a simple and readily operable means for freeing or cleaning the teeth of the comb or combs or guard of the device from the hair or other foreign substance which remains between the teeth. This invention can be applied to different forms of device of the character hereinbefore referred to, but for the purpose of the present specification it will be described in the main as applied to a hair cutting device of the safety razor type.

The invention consists of the combination with a hair cutting, shaving, or combing device of means whereby the spaces between the teeth of the comb or guard can be periodically engaged by a resilient toothed member, the teeth of which are adapted to have a passage through the spaces between the teeth of the comb or guard, and thereby to readily remove any hair or other foreign substance which has adhered to or remained clogged between the teeth of the comb or guard.

The invention will now be described in conjunction with the accompanying sheet of drawings which illustrate its application to a hair cutting device of a safety razor type, the safety razor illustrated being well known it will not be necessary to describe its construction, but only to refer particularly to the additions thereto which constitute the present invention.

For full comprehension, however, of my invention, reference must be had to the accompanying drawings in which similar reference characters indicate the same parts, and wherein:

Figure 1 is a front elevation of the complete device;

Figure 2 is a side elevation showing the guard cleaning device in its extended or outward position;

Figure 3 is a plan of Figure 1; and

Figure 4 is a side elevation illustrating

the guard cleaning device in its contracted or innermost position.

The guard 5 of the safety razor is provided with teeth on both sides the teeth 6 on the one side being finer than the teeth 7 on the other side. Connected to the handle 8 by means of a collar 9 are two metallic spring arms 10 which are formed integral with the collar 9 and at their upper ends are formed with a series of teeth 10^a corresponding to and adapted to engage within the spaces between the teeth of the comb or guard. These spring arms 10 at their upper or toothed ends normally occupy a position at or near the outer extremities of the teeth of the comb or guard as seen in Figure 2, but by compressing the arms 10 between the finger and thumb, say when the device is in use the upper ends thereof are forced inward through the spaces between the teeth of the comb or guard and occupy the position seen in Figure 4, and can be there maintained while the device is in use. At any period during or after use the spring arms are released, and thereupon automatically move outwardly thus causing the teeth 10^a thereof to pass through the spaces between the teeth of the comb or guard 5 by which means any hair or particles adhering to the teeth of the comb or guard are automatically removed and the teeth of the device kept clear and unobstructed. The addition of the spring arms to a hair cutting device of the safety razor type illustrated are of particular advantage and utility when the device is in use as will be readily appreciated.

As a means of connecting the spring arms 10 I may employ the coupled sheet metal links 11 which are linked together at their inner ends and connected at their outer ends to the rings 12 formed on the spring arms 10.

The arms 10 may be connected to the handle by riveting, soldering or brazing instead of by the means shown in the drawing, or stops may be put in comb to prevent fork coming right out of teeth.

What I claim is as follows:—

1. A device of the type described consisting of a blade; a holder for the blade including a toothed guard and a toothed member mounted upon the holder and having its teeth movable between the teeth of the guard.

2. A safety razor consisting of a holder comprising a handle having a guard mounted upon the end thereof in T-form and

adapted to carry a blade said guard having toothed sides disposed parallel to the cutting edges of the blade; and a resilient member mounted upon the handle and having a
5 toothed portion adapted to be moved between the teeth on the guard and means for retaining a blade upon the guard.

3. A safety razor consisting of a holder comprising a handle having a guard mounted
10 upon the end thereof in T-form and adapted to carry a blade said guard having toothed sides disposed parallel to the cutting edges of the blade; and a pair of resilient members mounted upon the handle and
15 having toothed portions adapted to be moved between the teeth on the guard, means for retaining a blade upon the guard; and means for limiting outward movement of the arms relatively to the handle.

20 4. A safety razor consisting of a handle having a toothed guard mounted upon one end thereof in T-form and adapted to carry a blade, means for removing all foreign substance from within the spaces between the
25 teeth of the guard; said means consisting of a pair of resilient members; a collar secur-

ing the lower end of each member upon the handle with their upper ends disposed adjacent the toothed sides of the guard said upper ends being toothed and adapted to be
30 moved into the spaces between the teeth of the guard; and a flexible connection between the members adapted to limit outward movement thereof relatively to the guard.

5. A device of the type described consisting of a holder for a blade including a guard and means for ejecting foreign substances which may accumulate in the guard.

6. A device of the type described consisting of a holder for a blade including a
40 toothed guard and resilient means for ejecting foreign substances which accumulate within the spaces between the teeth of the guard.

In testimony whereof I have signed my
45 name to this specification in the presence of two witnesses.

CHARLES F. GAUNT.

Witnesses:

GORDON T. COOKE,
HARRIETTE McDONALD.