H. E. ANDERSON.

CURRYCOMB.

APPLICATION FILED SEPT. 4, 1914.

1,135,246. Patented Apr. 13, 1915.

Fig 1

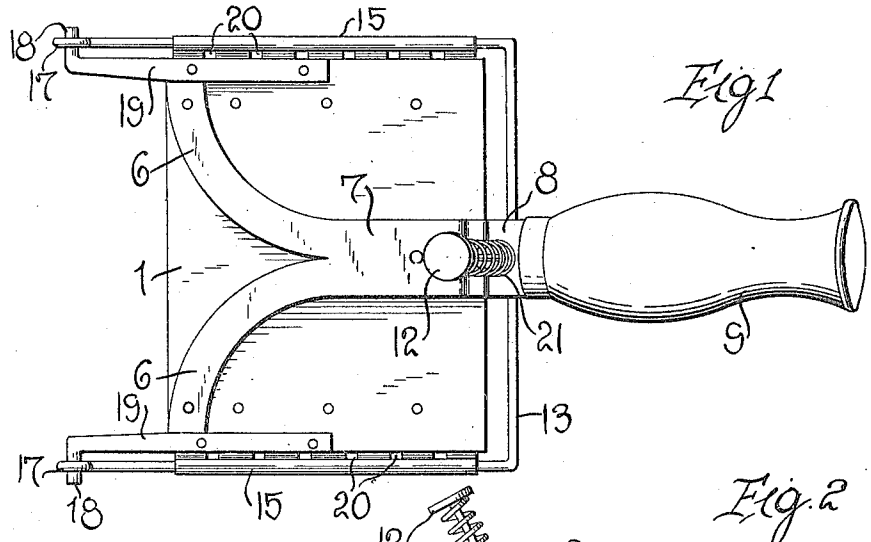


Fig. 2

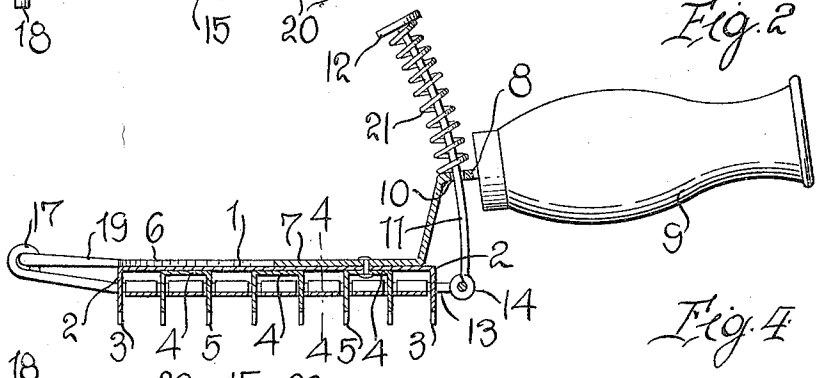


Fig. 4

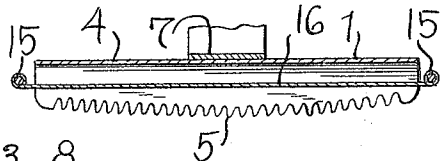


Fig. 3

Witnesses

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CURRYCOMB.

1,135,246. Specification of Letters Patent. Patented Apr. 13, 1915.

Application filed September 4, 1914. Serial No. 860,267.

To all whom it may concern:

Be it known that I, HARTVIG E. ANDERSON, a citizen of the United States, residing at Foley, in the county of Benton and State of Minnesota, have invented certain new and useful Improvements in Currycombs, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to new and useful improvements in curry combs and more particularly to what is known in the art as a self-cleaning curry comb, the main object of the present invention being the provision of a curry comb of this character wherein the hair and other particles which generally cling to the teeth of the comb can be quickly and readily removed therefrom by actuating a movable plate having sections arranged between the comb members, whereby to readily disengage the hair and other particles from the comb.

Another object of the present invention is the provision of a curry comb of this character which will possess advantages in points of efficiency and durability, is inexpensive to manufacture and, at the same time, is simple in construction and operation.

With the above and other objects in view, the invention consists in the novel features of construction, combination and arrangement of parts as will be hereinafter referred to and more particularly pointed out in the specification and claim.

In the accompanying drawing forming a part of this application, Figure 1 is a top plan view. Fig. 2 is a longitudinal sectional view. Fig. 3 is a bottom plan view; and Fig. 4 is a transverse sectional view taken on the line 4—4, of Fig. 2.

Referring more particularly to the drawing, 1 indicates the body plate of the comb itself, the longitudinal edges of which are disposed at right angles, as shown at 2 and provided at their outer edges with a substantially arcuate curvature and having formed therein a plurality of teeth, as shown at 3.

Secured to the under face of the body plate 1, are a plurality of U-shaped members 4 which are securely held in position by means of suitable rivets. The parallel sides of these U-shaped members are provided with outer curved portions having teeth 5 formed therein similar to the teeth 3 formed in the down-turned edges of the body 1. From this it will be apparent that a regulation curry comb is formed and secured to the upper face of the body plate 1, are the outwardly curved arms 6 which merge at their inner ends, as shown at 7 and thence extend upwardly at right angles from the body 1 and thence rearwardly as shown at 8 to form a handle supporting member upon which the handle 9 is mounted.

The rearwardly extending portion 8 is provided with a suitable opening 10 in which is movably mounted an actuating rod 11 having a head 12 formed upon its upper end, said rod extending down through the opening 10 and loosely connected with the U-shaped frame 13, as shown at 14. The parallel sides of the frame 13 are mounted within the sleeves 15 which are formed upon each end of the movable plate 16, the ends of said parallel side portions being provided with loops 17 adapted to be mounted upon the out-turned ends 18 of the supporting rods 19. The movable plate 16 is constructed of sheet metal or lighter material, if desired and is provided with a plurality of longitudinal openings 20 adapted to receive the parallel side portions of the U-shaped members 4 and the down-turned edges of the body 1.

Mounted upon the actuating rod 11, is a coil spring 21 which is disposed between the rearwardly extending portion 8 and the head 12 whereby to normally retain the plate 16 in its raised position or at a point adjacent the under surface of the body 1. From this it will be apparent that when it is desired to remove hair and other particles from the comb member, downward pressure upon the head 12 will actuate the rod 10, pressing downwardly upon the rear side of the plate 16, moving the same downwardly over the comb members, and forcing said particles, as might cling thereto, from the same.

It will be apparent from the foregoing description, taken in connection with the accompanying drawing, that I have provided a simple and durable curry comb wherein the hair or other particles which generally cling to the teeth of the comb members can be quickly and readily removed therefrom by the simple pressure of an actuating rod. It will be apparent that this device may be

quickly and readily applied to any well known form of curry comb by attaching the supporting members 19 to the back of the curry comb and drilling a hole through the supporting member of the handle. The U-shaped frame can then be attached to the supporting members and the supporting rod extended up through the hole in the handle, the movable plate being attached to the side portions of the U-shaped frame. It will be readily apparent that the coil spring 11 can be quickly and readily removed from the rod by unscrewing the head 12. My improved curry comb, as herein shown and described, is extremely simple in construction and can be manufactured and placed upon the market at a comparatively low cost.

While I have shown and described the preferred form of my invention, it will be obvious that various changes in the details of construction and in the proportions may be resorted to for successfully carrying my invention into practice, without sacrificing any of the novel features or departing from the scope of the invention, as defined by the appended claim.

Having thus described this invention, what I claim is:—

A curry comb comprising a toothed plate and a handle connected with the plate by an angular shank, the edge of the plate opposite the handle being provided with supporting members projecting outward from the plate and outwardly turned at their ends, a U-shaped frame having eyes in which said supporting members engage, a cleaning plate having its ends engaging around the side members of the U-shaped frame, said cleaning plate being slotted to permit the passage of the teeth of the first named plate, a rod pivotally connected to the rear member of the U-shaped frame and extending up through a perforation in the shank and provided with a button at its upper end, and a spring surrounding the rod and disposed between the shank and button.

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

HARTVIG E. ANDERSON.

Witnesses:
P. D. GAMROTH,
B. H. MUSHEL.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."