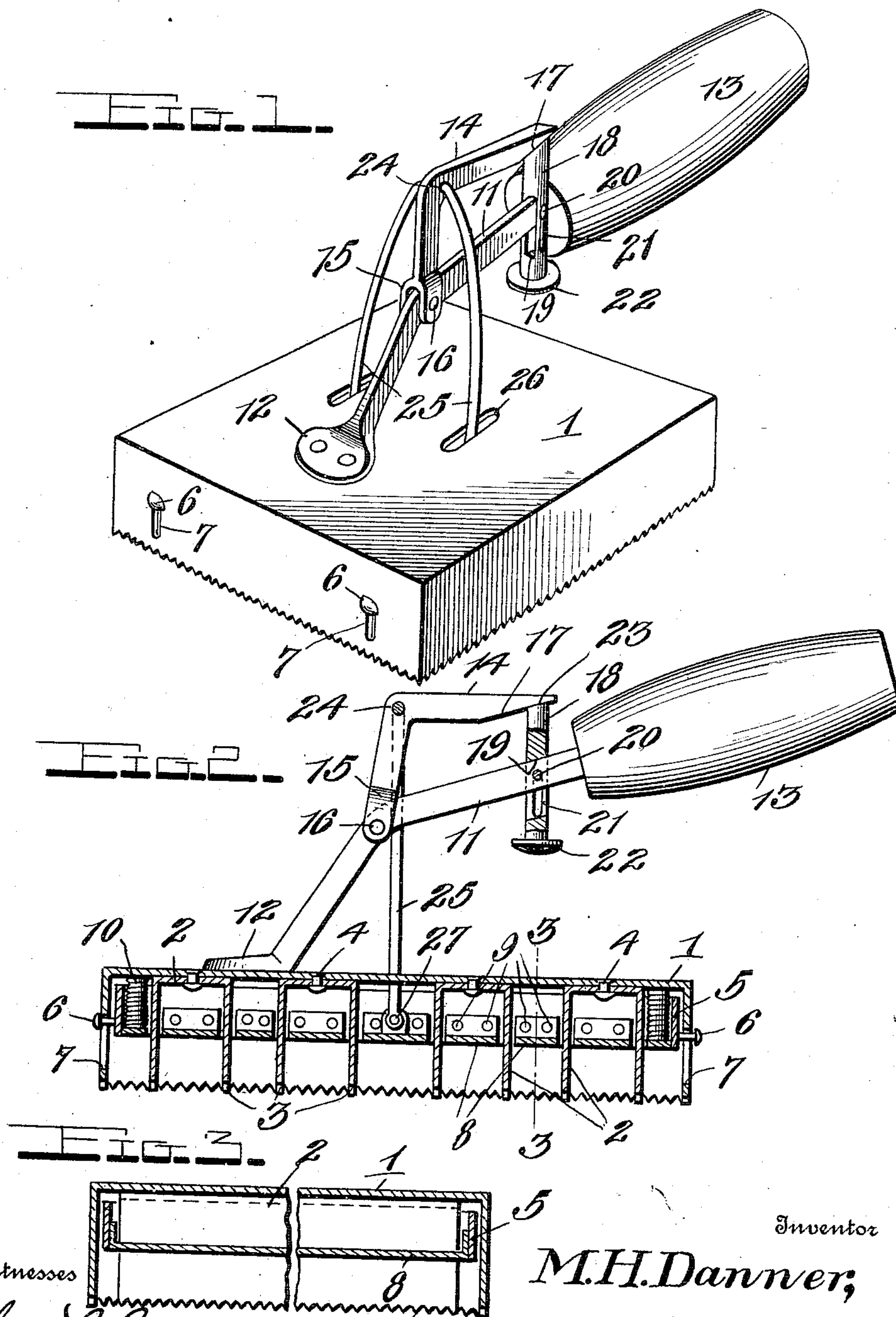


M. H. DANNER.
CURRYCOMB.
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995,443.

Patented June 20, 1911.



Witnesses

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CURRYCOMB.

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To all whom it may concern:

Be it known that I, MAURICE H. DANNER, a citizen of the United States, residing at Lamar, in the county of Chase and State of Nebraska, have invented certain new and useful Improvements in Currycombs, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to currycombs and more particularly to that type of currycombs which are provided with self cleaning devices for removing from the teeth all the hair and dirt which are taken off or which stick between the teeth, so that the comb is kept clear from filling between the teeth while in use, and has for its object to provide a currycomb attachment which will possess advantages in points of efficiency, durability, is inexpensive of manufacture and is extremely simple in construction and operation.

With the foregoing and other objects in view the invention consists in novel features of construction and arrangements of parts hereinafter described, pointed out in the claims, and shown in the accompanying drawings, in which:

Figure 1 is a perspective view of my improved currycomb. Fig. 2 is a longitudinal sectional view of the same, and, Fig. 3 is a sectional view taken on the line 3—3 of Fig. 2.

Referring more particularly to the drawings 1 indicates the body of the currycomb comprising a metallic casing having a series of U shaped comb members 2, which are serrated or toothed at their lower edges as shown at 3 and are secured to the back of the body 1 by means of the rivets 4.

Slidably mounted in the body is a metallic frame 5 having guide pins 6 rigidly secured to each end thereof, and adapted to operate in the slots 7 provided in the body 1. Secured to the bottom edges of the frame 5 are a series of spacing strips 8 having their ends bent at right angles and riveted to the side of the frame, as shown at 9, these strips 8 are of such width as to fit snugly within and between the comb members 2 and to leave a small space between each strip wide enough to let the comb members 2 pass between them without any binding. Mounted on the two outside strips 8 of the frame 5 are the tension springs 10 having their pressure bearing against the back of the body 1.

A handle 11 is mounted on the body 1 having its end flattened and secured to the body 1 at 12 and is bent upwardly and rearwardly and carries a hand grip 13, pivotally mounted on the handle 11 is a right angle trip bar 14 continued at one end into forks 15 to fit over both sides of the handle and secured by means of the pivot rod 16, the other end of the trip 14 having a cut away portion to form an inclined surface 17. A pin 18 is slidably mounted on the handle by means of the opening 19 in the pin, and is held in position by means of the rivet 20 passing through the handle and through the slot 21 formed in the pin 18, said pin being provided at its lower end with a thumb piece 22 and its upper end beveled off at 23 to engage the inclined surface 17 when any pressure is exerted on the pin. The trip bar 14 is provided with an opening 24 formed in its outer edge, and a wire 25 is passed through the opening and down through the openings 26 in the body and is secured to the central one of the strips 8, as shown at 27.

From the foregoing, taken in connection with the accompanying drawings, the operation and advantages of my invention are believed to be apparent. It will be obvious that when pressure is exerted on the pin 18 the beveled portion 23 will engage the end 17 of the trip 14 and raise the end 17 so that the wire 25 will be thrown beyond the center and the springs 10 will tend to pull the trip on over, causing the frame 5 to drop down so that the strips 8 will come flush with the bottom of the comb members 2, and the quick action of the springs 10 will tend to remove any hair or dirt accumulated on the toothed edges 3. The frame 5 is drawn back into position by replacing the trip 14 into its normal position.

While I have shown and described the preferred construction of my invention, I do not want to limit myself thereto, but desire to make such changes as fairly fall within the scope thereof.

It will be obvious that various changes in the details of construction and in the proportions may be resorted to for carrying the invention into practice without sacrificing any of the novel features or departing from the scope thereof.

Having thus described the invention, what is claimed is:

1. In a curry comb, the combination of a

casing having a series of transverse comb members arranged therein, a frame slidably mounted in the casing, tension springs mounted on the ends of the frame and bearing against the back of the casing to force the frame down so the lower part of the frame will come flush with the comb, a handle mounted on the back of the casing, a trip bar mounted on said handle, a movable connection between the frame and trip bar and means carried by the handle engaging the trip bar for releasing the same.

2. In a currycomb the combination of a casing having a series of comb members transversely disposed therein, a frame carrying a series of spacing strips slidably mounted in said casing, tension springs mounted on the two end strips of the frame and bearing against the casing, a handle mounted on the back of the casing, a trip bar mounted on said handle and connected to said frame, and means for operating said trip to release the frame so the strips will be forced down flush with the lower edges of the comb members.

3. In a currycomb the combination of a casing carrying a series of transversely disposed comb members, a frame slidably

mounted in said casing, carrying a series of spacing strips, tension springs mounted on the two end strips of the frame and bearing against the back of the casing, a handle secured to the back of the casing, a trip bar pivotally mounted on the handle and connected to the frame for holding said frame in a normal position and means for operating the trip bar to release the frame.

4. In a currycomb, the combination of a casing carrying a series of transversely disposed comb members, a frame slidably mounted in said casing and normally disposed intermediate of the top side of the casing and the lower edge of the comb members, tension springs mounted on the ends of said frame and bearing against the back of the casing, a trip bar pivotally mounted on the handle and connected to the frame for holding said frame in a normal position and means mounted on the handle to operate the trip bar for releasing the frame.

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

MAURICE H. DANNER.

Witnesses:

BERTHA HALL,
M. C. HALL.

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