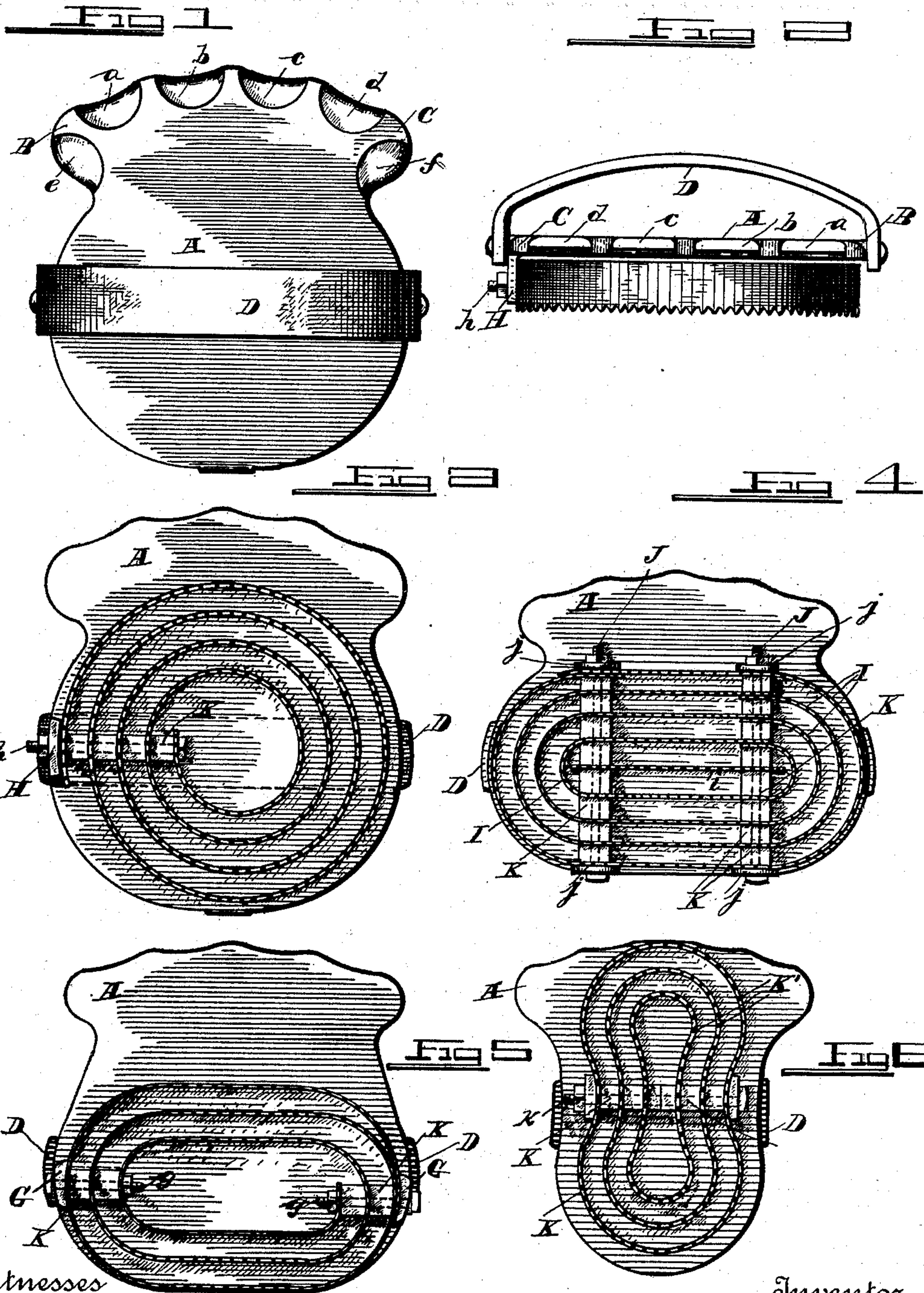


(No Model.)

J. DUSHANE.  
CURRYCOMB.

No. 505,756.

Patented Sept. 26, 1893.



Witnesses

Chas. W. Sewell  
James D. Mansfield

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# UNITED STATES PATENT OFFICE.

JAMES DUSHANE, OF SOUTH BEND, INDIANA.

## CURRYCOMB.

SPECIFICATION forming part of Letters Patent No. 505,756, dated September 26, 1893.

Application filed May 17, 1892. Serial No. 433,284. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES DUSHANE, of South Bend, in the county of St. Joseph and State of Indiana, have invented certain new and useful Improvements in Currycombs; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification, in which—

Figure 1 is a top view of my improved curry comb showing the peculiar shaped back. Fig. 2 is an end view. Fig. 3 is a bottom plan view thereof. Figs. 4, 5 and 6 are bottom plan views of modified forms of combs.

This invention is an improvement in curry combs; and its objects are to provide a back or holder for the comb strips which will be specially adapted to the hand of the groom, and can be comfortably, firmly and easily grasped and operated without a handle; and to make the teeth of flexible or resilient strips or rings, serrated on one edge and so attached to the back that they can readily adapt themselves to inequalities of the animal's body.

The invention therefore consists in an improved back, and in combination therewith serrated or resilient strips as hereinafter fully described and claimed.

Referring to the drawings by letter, A represents the back which resembles in contour and is formed to fit the palm of the hand, having its front edge slightly curved and provided with four scallops *a, b, c, d*, to receive the extremities of four fingers of a hand, and also having laterally projecting rounded extensions B, C, at its front corners scalloped out at their junction with the sides of the back as at *e, f*, the sides being dressed so as to fit respectively the thumb of the right or left hand. The back may be also provided with the ordinary hand loop D.

It will be obvious from the foregoing description and drawings that the back is especially constructed to fit the hand, and can be firmly held in either hand without tiring or cramping it as would an ordinary handle.

The comb proper is formed of a metal strip preferably steel which is serrated on one edge

and may be wound upon itself something like a clock spring in a series of convolute ovals as shown in Fig. 5, and secured to lugs G, G, depending from the back by means of rods or bolts *g, g*, which pass transversely through the coils of the strip. The comb may also be formed as shown in Fig. 3 of a convolutely coiled strip, the coils of which are secured to a lug H depending from the back by a bolt or rivet *h* which passes laterally through the several coils at one side.

As shown in Fig. 4 the comb is formed of ring shaped or oval strips I of different size, placed one within the other, and a straight strip *i* placed centrally within the inner ring, the rings and strip being strung on transverse rods J which are bolted or riveted to lugs *j* depending from the back as shown.

In Fig. 6 the comb is formed of a series of endless bands K of strip steel serrated on one edge. These bands are bent into oval loops the sides of which are forced near together at center, and transfixed by a securing bolt *k* which confines the loops in place and to lugs on the back as shown.

In all the combs, the strips, loops, &c., are held slightly away from the back by the securing bolts so that there is a slight vertical vibration allowed the comb strips, and hair, &c., passing between the strips can escape between the edges of the same and the back. The rings and strips may be kept properly apart by means of washers and sleeves K strung on the securing rods or bolts between the rings or strips, as shown in the several figures. By this construction a firm backing is provided for the toothed strips and yet they are free to vibrate and yield laterally and vertically under the back and thereby can accommodate themselves to inequalities in the skin and do better work than a rigid comb, and the back also protects the hand of groom and enables him to press the comb firmly and squarely against the hide. The back is obviously adapted for brushes, and for attachment of comb teeth of different kinds.

Having described my invention, what I claim as new, and desire to secure by Letters Patent thereon, is—

1. A back for curry combs &c., adapted to



fit the palm of and be grasped by the hand, having scallops on its front edge, to accommodate the fingers and scallops in its side near its front edge to accommodate the thumb  
5 of a hand, substantially as described.

2. The herein described back for curry combs &c., having a front curved and scalloped edge, and lateral extensions at its front corners, and scallops at the junction of said  
10 extensions with the sides, substantially as described.

3. The herein described curry comb consisting of a back having scallops on its front edge and sides to respectively accommodate  
15 the fingers and thumb of a hand; with the toothed metal strips set edgewise, separated,

and secured to lugs depending from the back by transverse bolts, substantially as specified.

4. The combination with the back having depending lugs, the toothed oval loops and  
20 the toothed strip within the central loop, and the pair of horizontal retaining rods passing transversely through said rings and strip and secured to said lugs, substantially as and for  
the purpose described 25

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

JAMES DUSHANE.

Witnesses:

WILL G. CRABILL,  
H. H. HUMPHREY.