

A. Hotchkiss,

Curry Comb.

N^o 6,178.

Patented Mar. 13, 1849.

Fig: 1.

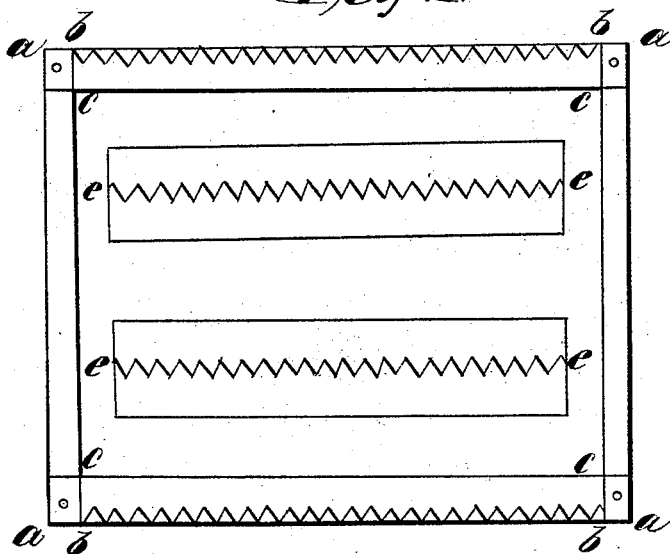
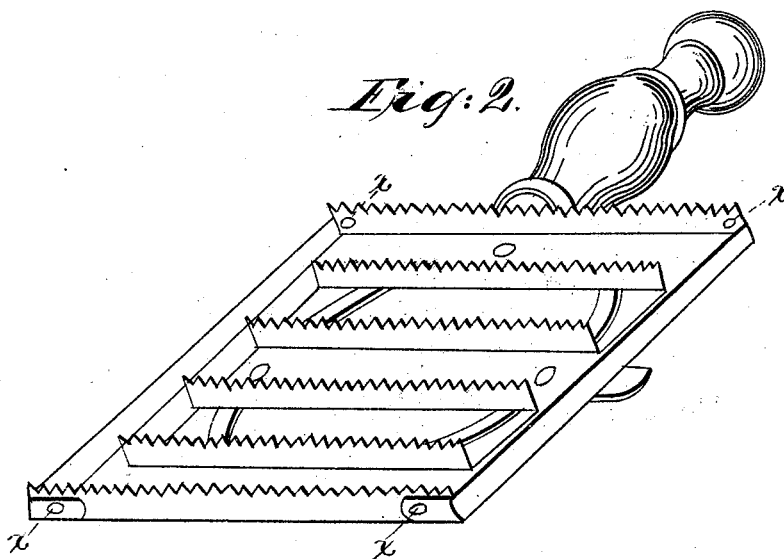


Fig: 2.



UNITED STATES PATENT OFFICE.

ANDREW HOTCHKISS, OF SHARON, CONNECTICUT.

CURRYCOMB.

Specification of Letters Patent No. 6,178, dated March 13, 1849.

To all whom it may concern:

Be it known that I, ANDREW HOTCHKISS, of Sharon, Litchfield county, and State of Connecticut, have invented a new Mode of Constructing Currycombs; and I do declare the following to be a full and exact description of my method of constructing the same.

In order to form the body and teeth of the comb, I take a piece of iron of a square or rectangular shape, of proper thickness and size, having relation to the due stiffness of the teeth, and the size being such as to furnish sufficient surface of material to construct the comb when it is folded up, and formed to its complete shape; as the same is delineated in the accompanying drawings, which I declare to be a part of this specification.

In said drawing, the piece of iron intended to be formed into a curry-comb is marked, Figure 1, *a, a, a, a*.

On two of the sides, opposite to each other, by the aid of suitable tools and machinery teeth of a proper size are cut, extending nearly across the outer edges of these sides, but leaving a small margin, not so cut into teeth, see *b, b, b, b*. At the termination of these teeth, slits are made of a length equal to the height, to which it is intended to erect the teeth, above the flat body of the comb, and these slits are parallel with the sides that are not cut into teeth, see *bc, bc, bc, bc*. The serrated sides are now to be bent up at right angles, or nearly so, with the plate of iron, or body of the comb, the angle formed by their flexure being the line that joins the inner end of the slits just described. The opposite sides, *a, a, a, a*, may now be bent up at right angles to their original position, to meet the first bent sides forming a square or oblong shallow box. The parts of the last bent sides from *b*, to *c*, will now project be-

yond the first bent sides. They are to be turned or bent around these first bent sides and firmly riveted to them. See Fig. 2, *x, x, x, x* we have now a comb, with but two exterior sets of teeth.

To form the interior sets, represented in the drawing as faces, but which may be made more or less numerous as required, rows of indentations *c, c, c, c* are cut at proper distances, extending to within a small distance of the sides of the comb, and parallel with the external rows of teeth. At the extremities of these rows of indentations, slits are cut, parallel with the sides of the comb, and so deep as to allow the metal comprised between them to be bent up, as the end teeth were, to a proper height to make said teeth effective. To stiffen the whole fabric, a back strap of square, lozenge, oval or other form is riveted to the back, prolongation of which straps form knockers on the sides, and secure the comb to a suitable handle.

What I claim as my invention is—

1. The mode of making curry combs by constructing their body and teeth out of one solid sheet, or piece of metal, by so cutting and bending the said sheet or piece of metal, as set forth in the above specification, that without any material waste and without the combining and riveting or fastening together, separate and detached portions of the structure. I do make a complete body and teeth for the comb.

2. I also claim the entire form and combination of the parts to form such a comb as is described and illustrated in and by said specification and drawings.

Sharon January 20, 1849.

ANDREW HOTCHKISS.

Witnesses:

B. B. HOTCHKISS,
CHAS. F. SEDGWICK.