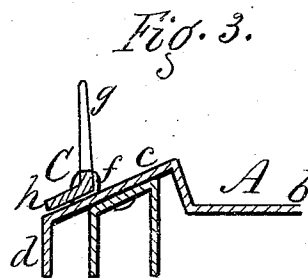
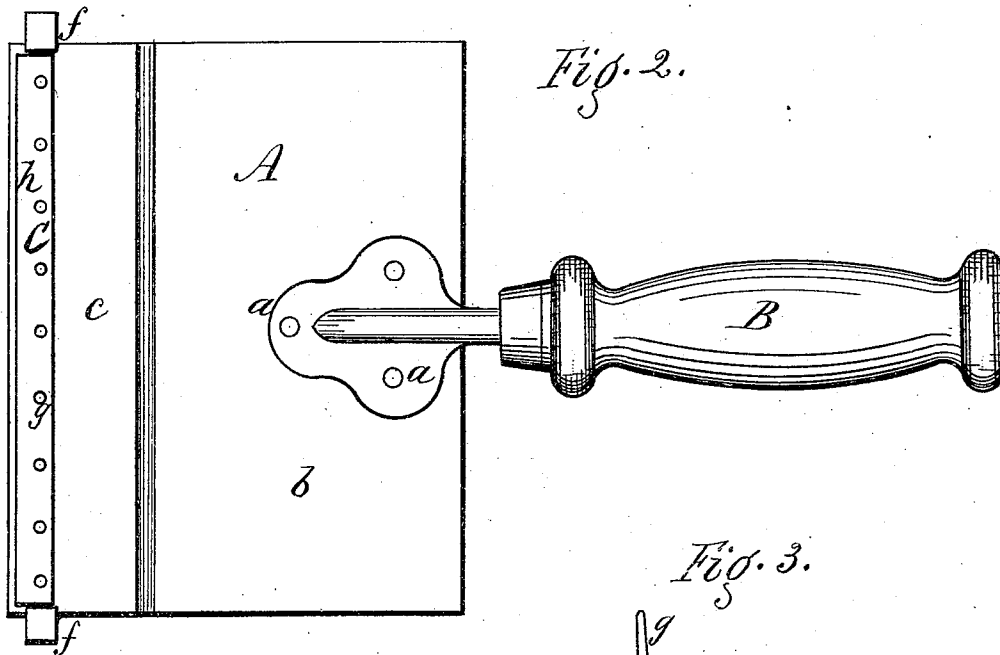
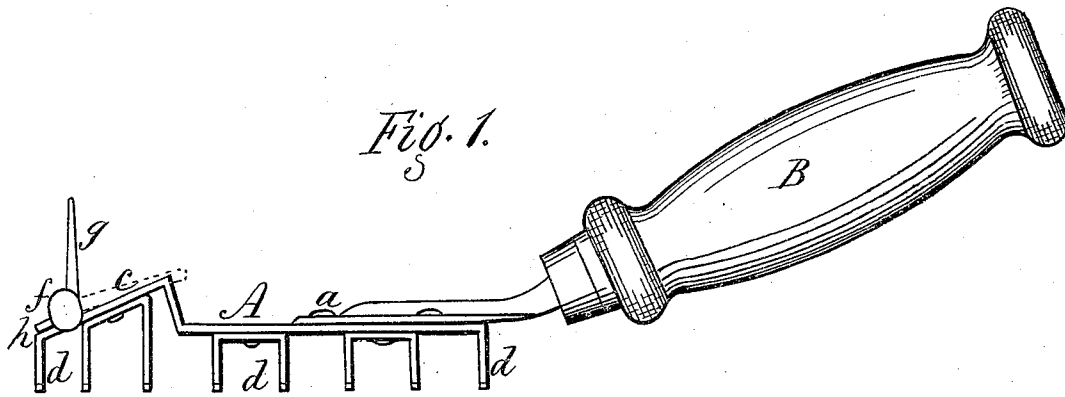


M. L. SIMONSON.

CURRY-COMB

No. 170,455.

Patented Nov. 30, 1875.



Witnesses.
E. D. Scott.
Louis Spahn.

Inventor.
Mourve L. Simonson,
per R. F. Osgood,
Atty.

UNITED STATES PATENT OFFICE.

MONROE L. SIMONSON, OF EAST RUSH, NEW YORK.

IMPROVEMENT IN CURRY-COMBS.

Specification forming part of Letters Patent No. **170,455**, dated November 30, 1875; application filed February 11, 1875.

To all whom it may concern:

Be it known that I, MONROE L. SIMONSON, of East Rush, in the county of Monroe and State of New York, have invented a certain new and useful Improvement in Curry-Combs; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation. Fig. 2 is a back view. Fig. 3 is a detail view.

My invention relates to certain improvements in curry-combs; and consists of a novel construction and combination of parts, which will be hereinafter specifically described, and pointed out in the claim.

A represents the back, and B the handle, the latter being riveted at *a a a* in the usual manner. The back consists of a flat body, *b*, in the rear, and an inclined elevated portion, *c*, in front, which is struck up or offset so as to stand at a greater height than the main part of the back. The angle of the upper surface is equal to or greater than the angle of the handle and approximates the same, and it serves as the attachment for the pivoted tooth-bar, as will presently be described. The front and rear edges of the back are turned down vertically, so as to form two of the curry-teeth bars *d d*, upon the under side of the back. The remaining curry-teeth bars are bent double and riveted to the under side of the back, and those coming within the offset part *c* are made longer than the others, so that the teeth of all stand in line. At each end of the offset *c* is a bearing-block, *f*, which projects beyond the end of the curry-comb, and stands above the plane of the back. Between these is pivoted a tooth-bar, C, which has a series of long teeth, *g g*, projecting upward, and has also a flange, *h*, in the rear. The position of this flange is such that when the teeth are upright, as shown, the flange strikes upon the top of the offset *c* in the rear, and prevents the teeth from being thrown over backward. It also removes the great strain from the pivots, which would otherwise occur if the rear bearing came at those points alone.

These teeth are in addition to the curry-teeth, and are upon the opposite side, and are for the purpose of combing the mane and tail. When not in use they are turned down flatwise upon the offset *c*, as shown by the dotted lines, Fig. 1, and, if desired, said offset *c* may have grooves struck down in its back to receive the teeth, whereby they may lie more out of the way.

The construction of the back A with the offset *c*, as described, enables me to make the back of the comb of malleable iron or sheet metal, very thin, and without using an excess of the material, which would otherwise be necessary, in order to set the teeth *g g* at the proper angle with the handle to comb the mane or tail. If set upon a plain back the said teeth would stand at such an acute angle with the handle that they could not be well used; but being set upon the incline *c*, which approximates with the incline of the handle, the teeth come in proper position for use. The tooth-bar C is pivoted in the blocks *f*, upon the angular offset *c*, so as to turn up or down, and it is provided with the flange *h*, by which the upright position is retained, and, moreover, the tooth-bar is strengthened by such flange.

I do not claim, broadly, a curry-comb having its two opposite sides made angular relatively to the handle, so that either side may be used; nor do I claim a curry-comb having teeth upon both sides; neither do I claim, broadly, hinged or pivoted long teeth upon the back of a curry-comb, for combing the mane and tail.

What I claim is—

The back A of a curry-comb constructed with an angular offset, *c*, and blocks *f f* at the sides of the same, in combination with the tooth-bar C, pivoted to the blocks *f* upon the said angular offsets, substantially as herein shown and described.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

MONROE L. SIMONSON.

Witnesses:

R. F. OSGOOD,
EDWIN B. SCOTT.