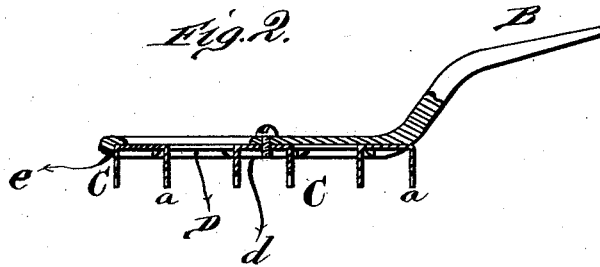
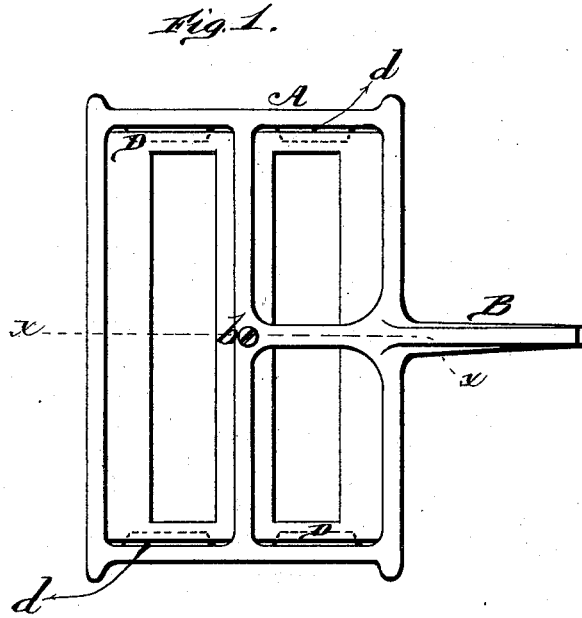


N. W. MOTTINGER.
Curry-Comb.

No. 203,288.

Patented May 7, 1878.



Witnesses:
Robert Conant
James Sheehy

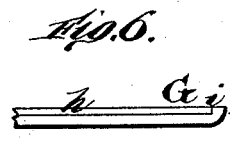
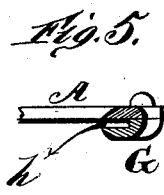
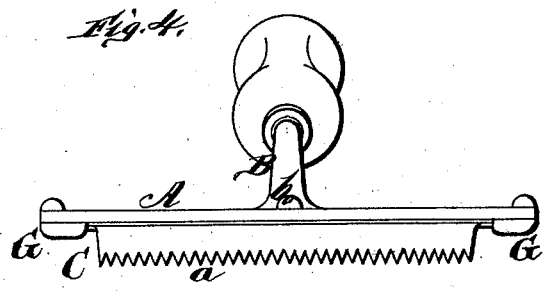
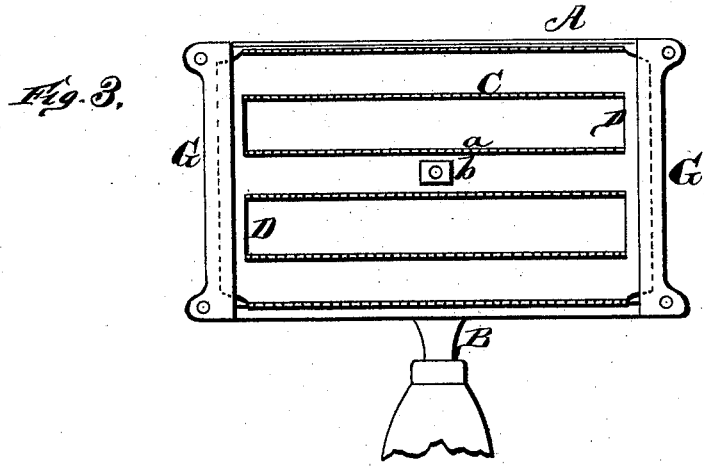
Inventor:
Nolan W. Mottinger
Gilmore, Smith & Co.

Attorneys:

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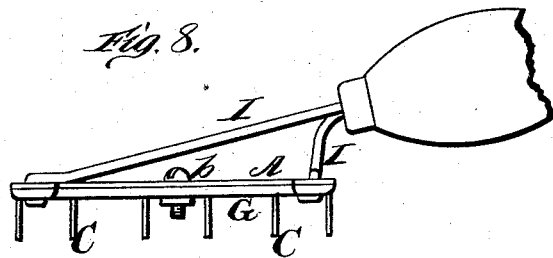
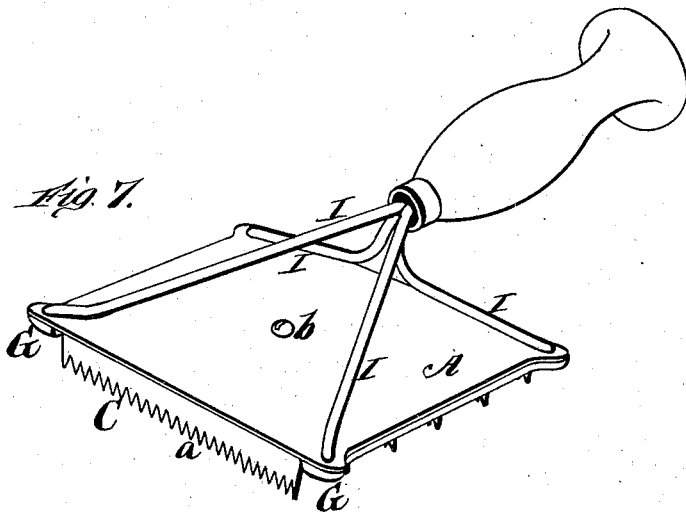
Witnesses:
Robert Emmett
James Sheehy

Inventor:
Noah W. Mottinger
Gilmore, Smith & Co.
Attorneys.

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James Sheehy

Inventor:
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Gilmore, Smith & Co.
 Attorneys.

UNITED STATES PATENT OFFICE.

NOAH W. MOTTINGER, OF MASSILLON, OHIO.

IMPROVEMENT IN CURRY-COMBS.

Specification forming part of Letters Patent No. 203,288, dated May 7, 1878; application filed September 22, 1877.

To all whom it may concern:

Be it known that I, NOAH W. MOTTINGER, of Massillon, in the county of Stark and State of Ohio, have invented a new and valuable 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 annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a plan view of my curry-comb; and Fig. 2 is a vertical sectional view thereof. Fig. 3 is a bottom-plan view of a modification of my curry-comb. Fig. 4 is an end view, and Figs. 5 and 6 are details thereof. Fig. 7 is a perspective view of a modification of my curry-comb; and Fig. 8 is a side view thereof.

My invention relates to curry-combs; and it consists, principally, in so constructing the back thereof that the card can be slid in from the side of the back and be held in place by a single screw; and also in the construction of the back of the curry-comb, all as hereinafter more fully set forth.

The annexed drawings, to which reference is made, fully illustrate my invention.

The card of the curry-comb is formed of a single piece of sheet metal, stamped, struck up, or otherwise cut and bent to form six parallel bars, C C, more or less, suitable distances apart, and the edges of said bars formed with teeth *a a*. Along each end of the card is left a continuous flange, D, as shown.

A represents the back of the curry-comb, which may be either a skeleton-frame of any suitable construction, or it may be a solid piece, if desired. On the front of the back A, at each end, is formed a groove, to receive the end flanges D D of the card, which, when inserted in place from the side of the back, is held by a single screw at *b*.

The grooves or channels for the reception of the end flanges of the card may be formed in various ways—for instance, lugs *d d* may be cast or otherwise formed upon the end bars of the frame or back, in such a manner that

the end flanges D of the card will pass under the same. In this case, a shoulder or offset, *e*, is formed on the front bar of the back A, as a stop for the card when slid into place, preventing the same from being pushed too far, and making the holes for the screw *b* in the card and in the back coincide with each other.

Instead of the lugs *d* formed on the back, separate bars G G may be riveted along the ends of the back, said bars being rabbeted on their under sides, as shown at *h*, to form the grooves for the cards; and at their front ends are formed shoulders *i*, to form stops for the card.

When the back A is made of cast metal, the shank B, to receive the handle, is cast therewith. But when the said back is made of a solid piece of sheet metal, the shank is composed of four rods or wire braces, I I, the outer ends of which pass through and form the rivets for fastening the bars G to the back, while their inner ends are suitably brought together to form the shank to receive the handle.

In either case, it will be seen the card can easily and quickly be removed and reversed when the front is worn out, or replaced by a new one when entirely worn out.

The lugs *d*, shown in Fig. 1, formed upon the end bars, serve as grooves or channels for the card or comb bars.

This construction I consider the equivalent of the continuous grooves, fully shown in Fig. 3 of the drawings.

What I claim as new, and desire to secure by Letters Patent, is—

1. A curry-comb back formed or provided with grooves, or their equivalents, along its ends to receive the comb-card, which is slid in from the side of the back, substantially as described.

2. A curry-comb back formed or provided with grooves, or their equivalents, along its ends, and a shoulder or offset along the front end, substantially as described, and for the purposes hereinbefore set forth.

3. In a curry-comb, the back formed or pro-

vided with grooves, or their equivalents, along its ends to receive the comb-card, which is slid in from the side of the back, and the card secured thereto by a single screw or rivet, to prevent the same from displacement, substantially as described.

In testimony that I claim the above I have

hereunto subscribed my name in the presence of two witnesses.

NOAH W. MOTTINGER.

Witnesses:

ISAAC H. BROWN,
ISAAC ULMAN.