(No Model.)

H. McPHERSON.

CURRY COMB.

No. 397,926. Patented Feb. 19, 1889.

FIG. 1.

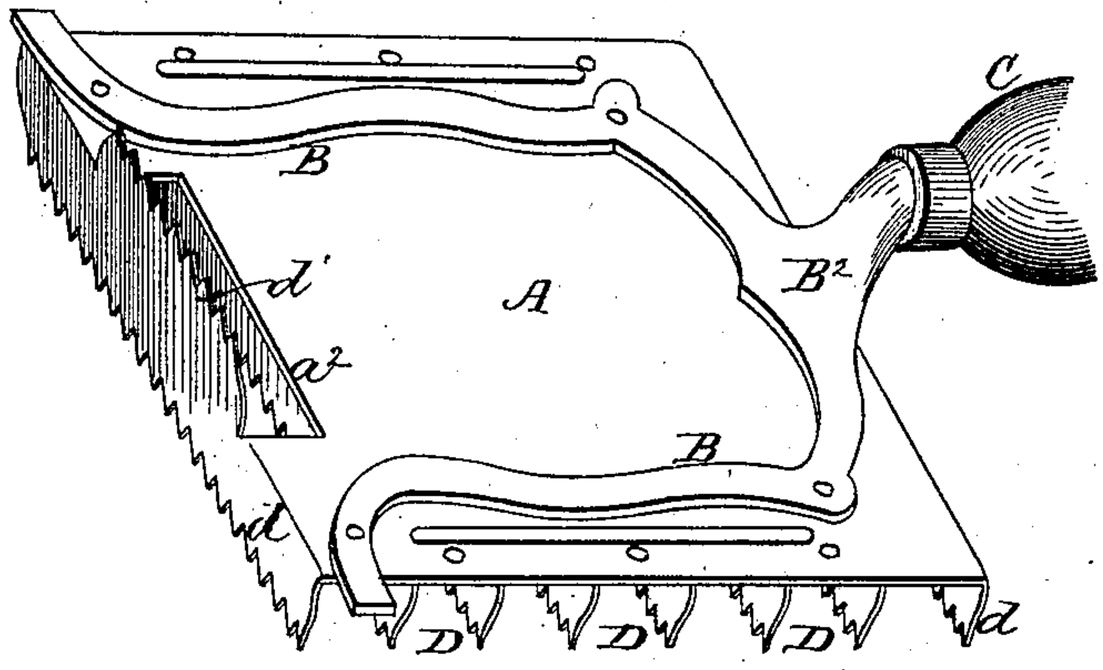


FIG. 2.

FIG. 3.

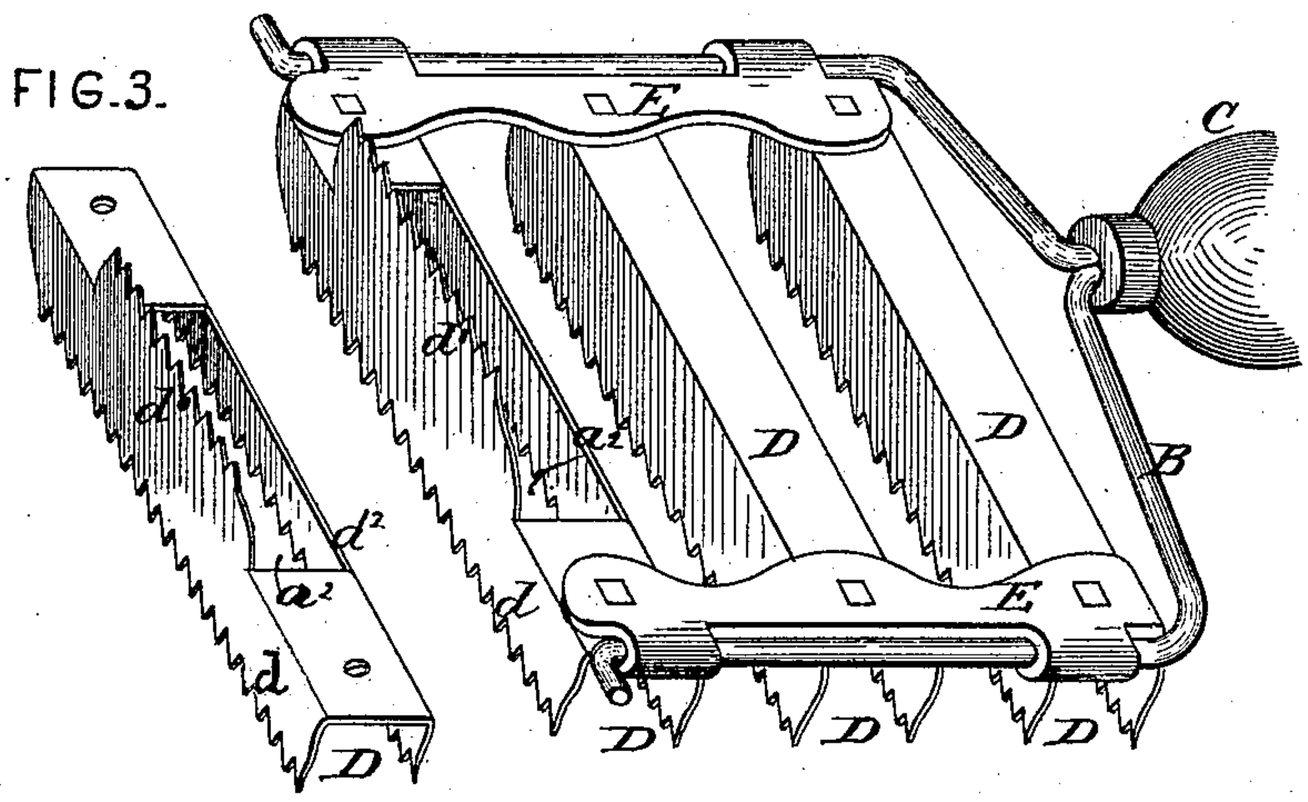
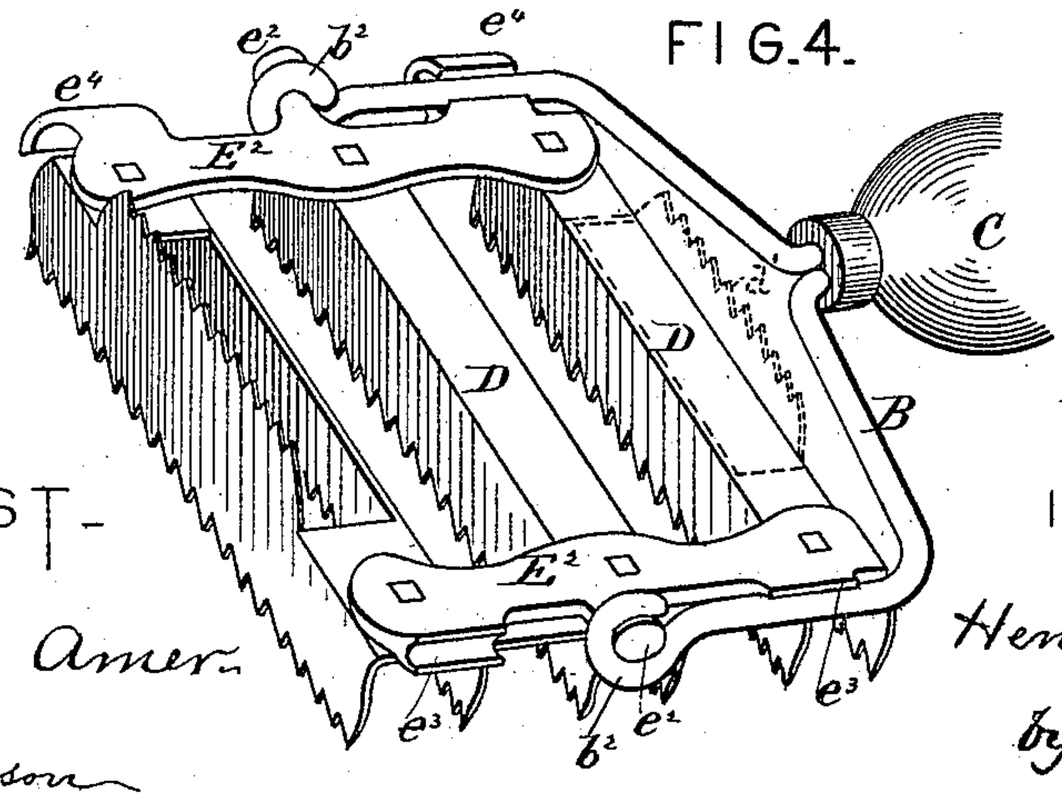


FIG. 4.



ATTEST-

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UNITED STATES PATENT OFFICE.

HENRY McPHERSON, OF TROY, NEW YORK, ASSIGNOR TO THE SWEET & CLARK MANUFACTURING COMPANY, OF SAME PLACE.

CURRY-COMB.

SPECIFICATION forming part of Letters Patent No. 397,926, dated February 19, 1889.

Application filed March 2, 1888. Serial No. 265,898. (No model.)

To all whom it may concern:

Be it known that I, HENRY MCPHERSON, a citizen of the United States of America, residing at Troy, in the county of Rensselaer and State of New York, have invented certain new and useful Improvements in Curry-Combs, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to an improvement upon curry-combs provided with an attachment secured thereto, so that not only the flat and convex surfaces, but also the fetlocks and all depressions, on the limbs of animals may be easily and well cleaned; and the objects of my improvements are to produce this necessary addition to a curry-comb without adding to the number of pieces or to the amount of metal generally used in forming a curry-comb, and without materially adding to its cost, and also to render the comb reversible. I accomplish these objects by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a closed-back curry-comb constructed in accordance with my invention. Fig. 2 is a perspective view of an open-back curry-comb constructed in accordance with my invention. Fig. 3 is a perspective view of one of the comb-bars embodying my invention. Fig. 4 is a perspective view of the comb provided with a pivoted reversible frame.

I have shown my invention applied to only three of the best-known forms of frames; but it is evident that it can be applied to many other well-known forms.

In Fig. 1 the sheet-metal back A is provided with a cast-metal frame, B, riveted thereto, and said frame has a shank, B^2, suitably bent to be received into the handle C. To the under side of the back A is secured, as usual, the comb D, and two of the edges of said back are bent over to form the front and rear serrated bars *d*. To provide the currying addition necessary to reach in all depressions of the limbs of animals, an elongated U-shaped cut, a^2, is made in the front portion of the back A, adjacent to its bent edge or front serrated bar *d*, by means of three contiguous intersecting incisions, two of which are parallel and the other at right angles thereto, and the portion d', of sheet metal, within said cut a^2 is turned up until it forms a continuous flat surface with the serrated bar *d*, and the long edge of said portion d' is provided with serrations of suitable size to curry the hair of animals, said serrations being made, either after the portion d' is turned up or at the same time that the cut a^2 is made, by means of a suitable punch.

In Fig. 2 the side bars E unite the comb-bars D together, and said side bars retain the wire frame B, and the latter connects the curry-comb with the handle C in a well-known manner. In the top of the front comb-bar, D, an elongated U-shaped cut, a^2, is made, and the portion d', of sheet metal, within said cut is turned up until it forms a continuous flat surface with the front serrated bar *d*, and the long edge of said portion d' is serrated, as above described.

Although the curry-comb shown in Fig. 2 has only one of the comb-bars provided with my additional serrated edge, two of said improved comb-bars may be attached to each comb-frame, or the cut in the top of the comb-bar may be made in the middle of its width, so as to have a standing serrated plate above the rear edge, d^2, Fig. 3, as well as above the serrated bar *d*.

In Fig. 4 the above-described comb-bars are united by the side bars E^2, which are provided with a headed pivot-pin, e^2, projecting from the middle portion of their side, and said pin is loosely clasped by a loop, b^2, formed on the ends of the wire frame B, and to retain said frame firmly connected to the side bars E^2 one of them is provided with a recessed lug, e^3, near each end, while the opposite side bar is provided with recessed lugs e^4, in the form of hooks bent in opposite directions, and within the grooves of said lugs e^3 e^4 the frame B is sprung and retained for the purpose intended.

Having now fully described my invention, I claim—

1. A comb-bar having two of its edges bent down and serrated, and the portion between said edges provided with three contiguous in-

tersecting incisions, two of which are parallel and the other at right angles thereto, and the portion thus loosened turned up and serrated, substantially as and for the purpose described.

2. A curry-comb having one of its parts provided with two edges bent down and serrated, and the portion adjacent to one of said bent-down edges provided with three contiguous intersecting incisions, two of which are parallel and the other at right angles thereto, and the portion loosened by said incisions turned up and serrated, substantially as and for the purpose described.

3. A curry-comb having a side handle and a forked frame branching therefrom and loops at the ends of its branches, in combination with comb-frames, each having a pivot-pin projecting centrally from its side and concave receivers at the ends of said side, substantially as described.

4. A curry-comb having a side handle and a forked frame branching therefrom and loops at the ends of its branches, in combination with comb-frames, each having a pivot-pin laterally projecting from its center and concave receivers projecting laterally from its ends, and a currying-surface on the top different from the currying-surface on the bottom, substantially as described.

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

HENRY MCPHERSON.

Witnesses:
JOHN H. DEARSTYNE,
WILLIAM E. DELEHANTY.