

C. E. L. HOLMES.
CURRY-COMB.

No. 179,195.

Patented June 27, 1876.

Fig. 1.

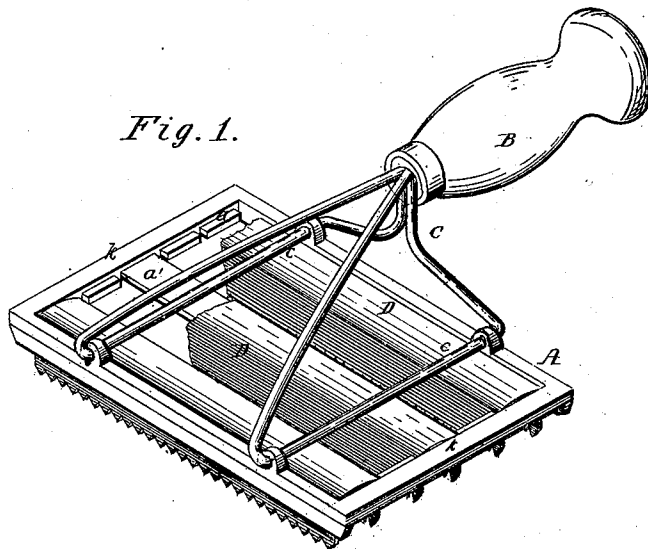


Fig. 2.

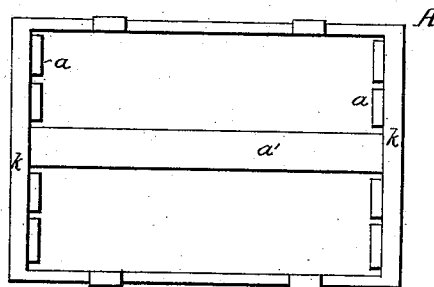


Fig. 6.

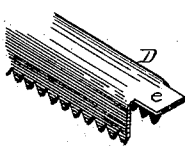


Fig. 3.

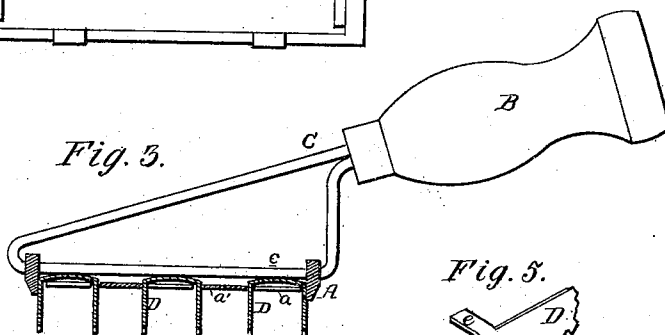


Fig. 5.



Fig. 4.



Witnesses:

Frank Palmer
Courtney A. Cooper

C. E. L. Holmes
By his atty
Charles Effner

UNITED STATES PATENT OFFICE.

CHARLES E. L. HOLMES, OF NEW YORK, N. Y.

IMPROVEMENT IN CURRY-COMBS.

Specification forming part of Letters Patent No. **179,195**, dated June 27, 1876; application filed March 15, 1876.

To all whom it may concern:

Be it known that I, C. E. L. HOLMES, of the city, county, and State of New York, have invented certain Improvements in Curry-Combs, of which the following is a specification:

The object of my invention is to secure the toothed bars to the frames of curry-combs in such a manner as to insure a reliable permanent attachment, and facilitate and reduce the expense of manufacturing the combs; and these objects I accomplish by constructing the comb in the manner illustrated in the accompanying drawing, in which—

Figure 1 is a perspective view of a curry-comb constructed in accordance with my invention; Fig. 2, a plan view of the comb-frame; Figs. 3 and 4, sectional views, showing modifications; and Figs. 5 and 6, perspective views, showing different forms of comb-bars.

In the present instance, the frame A is rectangular, although it may be circular or of any other suitable shape.

The toothed bars may be of the usual L shape, of the ordinary trough form, with flanges *e* projecting from the ends, as in Fig. 6, or with lateral flanges, as in Fig. 5; or may be otherwise constructed, separately or in one piece of metal.

The frame may be constructed in various ways, to afford bearings for the toothed bars. For instance, the projecting flanges *e* may rest directly upon the end pieces *k* of the frame, or upon the flanges *a* of the latter, Fig. 4; or the said flanges, or the sides of the frame, may be notched or slotted to receive the toothed flanges of the ordinary L or U shaped bars, as shown in Figs. 1 and 2, thus securing the bars laterally in their positions; or the said bars may have their bearings upon cross-bars *a'*, extending across the frame.

To secure the toothed bars permanently to the frame, various retaining devices may be employed, as metal strips or flanges, constituting a part of or secured to the frame, and overlying the backs of the comb-plates. I prefer, however, to utilize the usual wire frame C, which connects the handle to the comb, by extending the portions *c c* across the frame in contact with the backs or flanges of the toothed bars, as shown, or in any other desirable manner.

If desired, a plate, *w*, entirely or partially covering the back of the comb, may be inserted between the comb-plates and the retaining device, as shown in Fig. 4, making a closed back comb when the bars are arranged with intervening spaces.

By the method described of constructing curry-combs, the manufacture of the same is facilitated, and the comb-bars permanently secured without the use of rivets or solder.

Although I have alluded to my improvements in connection with a comb having a side handle, it will be apparent that it is equally applicable to combs having one grasp over the back.

Without confining myself to the precise method of construction and arrangement of parts shown and described,

I claim—

1. A curry-comb in which the toothed bars extend through and are secured permanently to bearings at the back of the comb-frame, substantially as set forth.
2. A curry-comb in which the comb plates extend through and rest with portions of their inner faces upon the frame, and are permanently secured thereto, substantially as specified.
3. A curry-comb in which the toothed bars rest upon the frame, and are secured thereto by means of the rods or bars *c*.
4. The frame A, provided with cross-bars, upon which the inner faces of the comb-plates rest, and to which they are confined permanently, substantially as set forth.
5. The toothed bars having their bearings upon the back faces of cross-bars *a'*, and supported solely by the latter, as set forth.
6. The frame A, having slots for the reception of the toothed portions of flanged comb-plates, substantially as and for the purpose specified.
7. A curry-comb in which portions of flanged comb-plates are confined between the back of the frame and a covering-plate, as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHAS. E. L. HOLMES.

Witnesses:

CHARLES E. FOSTER,
COURTNEY A. COOPER.