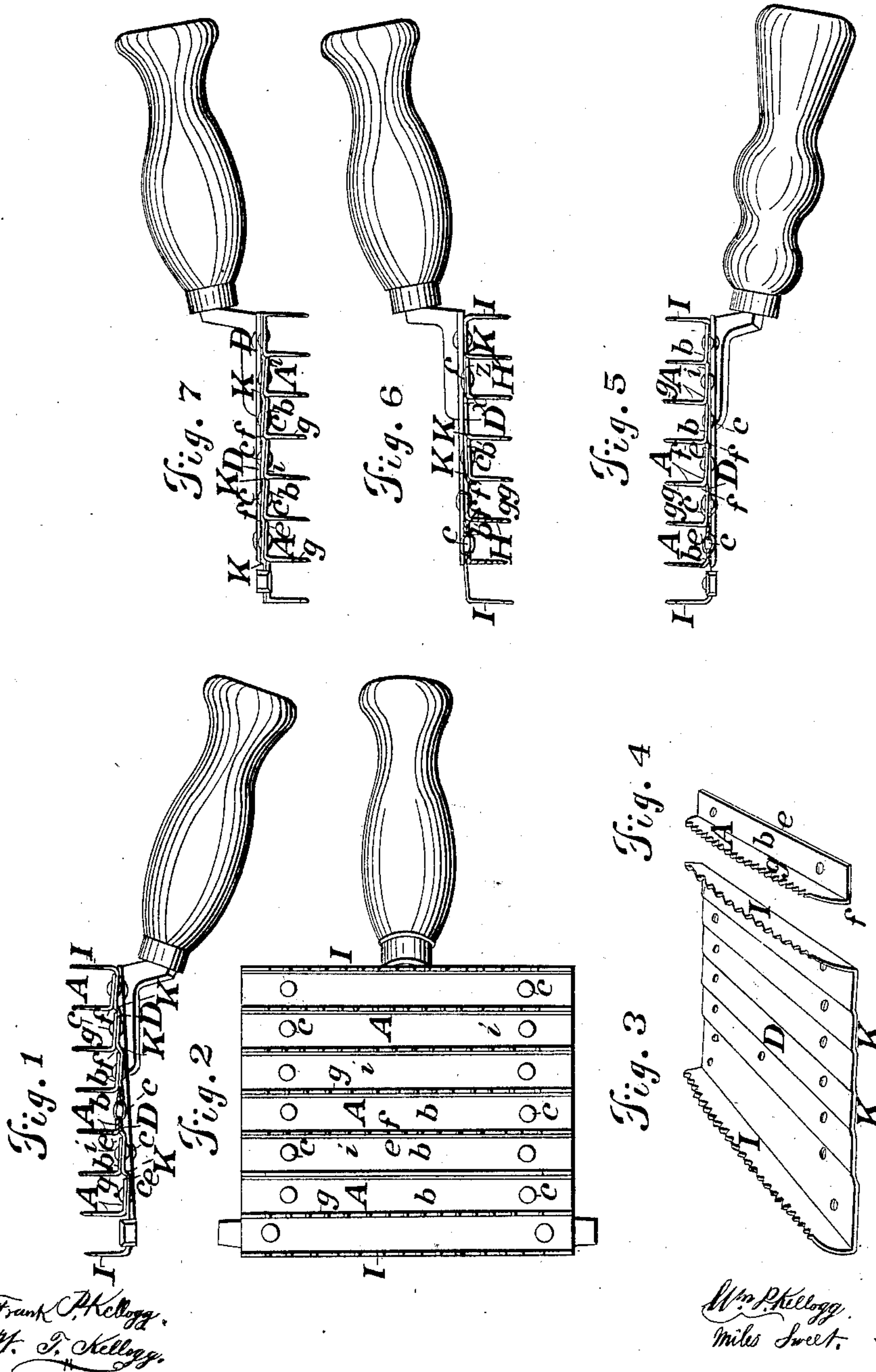


KELLOGG & SWEET.

Curry Comb.

No. 69,100.

Patented Sept. 24, 1867.



United States Patent Office.

WILLIAM P. KELLOGG, OF LANSINGBURGH, AND MILES SWEET, OF TROY,
NEW YORK.

Letters Patent No. 69,100, dated September 24, 1867.

IMPROVEMENT IN CURRY-COMBS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, WILLIAM P. KELLOGG, of Lansingburgh, in the county of Rensselaer, and State of New York, and MILES SWEET, of the city of Troy, in the said county and State, have jointly invented certain new and useful Improvements in Curry-Combs, of which the following is a full and exact description, reference being had to the accompanying drawing, in which—

Figure 1 is an edge view,

Figure 2 a face view, and

Figures 3 and 4 views of detached parts, all of a curry-comb which embodies the distinguishing features of all the parts of our invention, and

Figures 5, 6, and 7 represent three other curry-combs, each embracing some one or more of the distinguishing features of this invention, like parts being marked by the same letters in the various figures.

One part of our invention consists in making a curry-comb with a series of single comb-strips, A, figs. 4, 1, 2, 5, 7, each having a base, *b*, turned out laterally on only one side of the comb-strip, and with the bases *b* arranged upon and secured by rivets, *c*, to a continuous back-plate, D, with the toe edges *e* of the bases alongside of and close to the heel edges *f* of the next adjacent ones, substantially as shown by figs. 1, 2, 5, and 7 of the aforesaid drawings. In a curry-comb which embodies this part of our invention, the comb-strips A can generally be made with less expense, and the bottoms *i* of the spaces between the projecting parts *g* of the comb-strips, are completely covered by the bases *b* with a smoother and less broken surface, so that in using the curry-comb hair and dirt will not be so apt to stick in, and can be more easily cleared out of those spaces than would be the case if each comb-strip had two or more partial bases turned out on parts of both lateral sides of the projecting part of the comb-strip, so as to leave the bottoms of the spaces between the projecting parts of the comb-strips with grooves, recesses, or ledges, and only partly covered by the bases of the comb-strips, as in some curry-combs made before this invention. And in a curry-comb having this part of our invention, the back-plate D is stiffened and made double by the bases *b* between all of the projecting parts *g* of the comb-strips A, so that the back of the curry-comb is thereby made of greater and more uniform stiffness or strength and even thickness throughout, than would be the case in a curry-comb formed as shown in fig. 6, with trough-like or double comb-strips H, riveted to a back-plate, D, so that the bases *b'* of those comb-strips merely cover and stiffen alternate parts of the back-plate, and leave the back of the curry-comb composed of alternate sections, *x* and *z*, of single and of double thickness. And in making curry-combs according to the first aforesaid part of our invention, the back-plate D can be of any desirable different kind, quality, and thickness of material from the comb-strips A, which could not be the case if the bases *b* of the comb-strips A were lapped upon each other and secured together by rivets, so as to thereby form a curry-comb of the strips A alone, as has been heretofore practised.

Another part of our invention consists in making a curry-comb with a series of comb-strips, A or H, having broad bases *b* or *b'*, fastened by rivets *c* to a back-plate D, which has corrugations *k* along the longitudinal edges *e f* of the bases of the comb-strips, substantially as shown by figs. 1, 3, 6, 7, of the aforesaid drawings, so that while the parts of the back-plate that are between the corrugations *k* form seats for the bases of the comb-strips, the back-plate D is made stiffer by the corrugations *k* just where it most needs to be strengthened, along the longitudinal edges of the bases of the comb-strips where those bases cease or fail to cover and stiffen the back-plate, and consequently the curry-comb has a much stiffer back than one having like comb-strips fastened by rivets to a back-plate of like thickness, but plane or flat, without the corrugations, as shown in fig. 5.

In carrying out the aforesaid parts of our invention in manufacturing curry-combs, we commonly prefer to have the extreme end comb-strips I formed and turned on the ends of the back-plate D itself, as indicated in figs. 1, 3, 5, and 6, and generally make the comb-strips and the back-plate of sheet metal, and cut or punch them out and bend or swage them into the proper shapes, and rivet them together by means of any suitable devices well known to makers of curry-combs.

What we claim as our invention, and desire to secure by Letters Patent, is—

In a curry-comb, a series of single comb-strips, A, having a base, *b*, turned on only one side of each comb-

strip, when the bases of the comb-strips are arranged with their longitudinal edges *e f* close together, and fastened by rivets *c* to a back-plate, D, substantially as herein set forth.

We also claim, in a curry-comb, a series of comb-strips having bases fastened by rivets *c* to a back-plate formed with corrugations *k* along the longitudinal edges of the bases of the comb-strips, substantially as herein set forth.

In testimony whereof we hereunto set our hands this tenth day of May, 1867.

WM. P. KELLOGG,
MILES SWEET.

Witnesses:

FRANK P. KELLOGG,
W. T. KELLOGG.