

E. M. Hayes.
Comb.

No 43038.

Patented June 7. 1864.

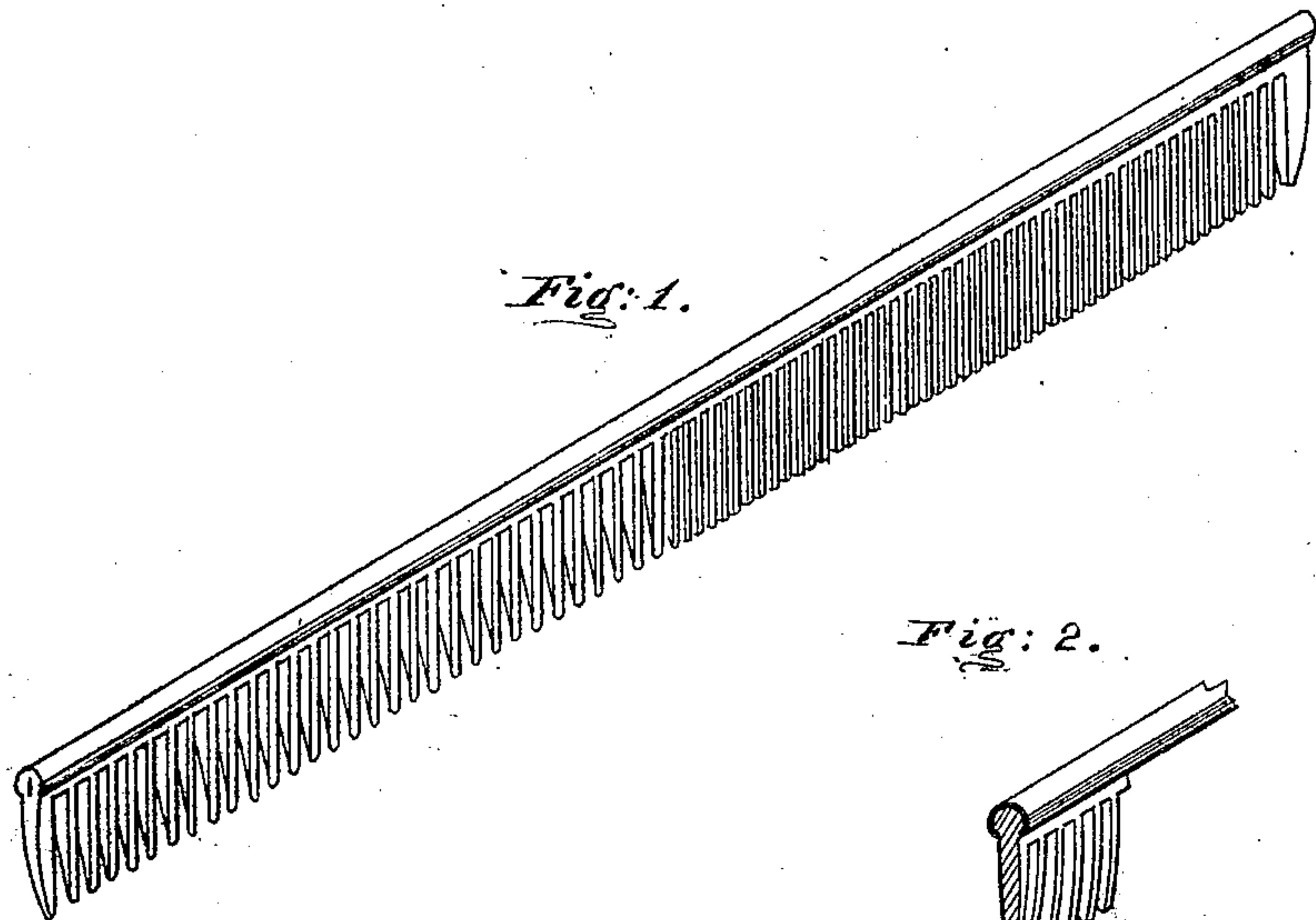


Fig: 2.

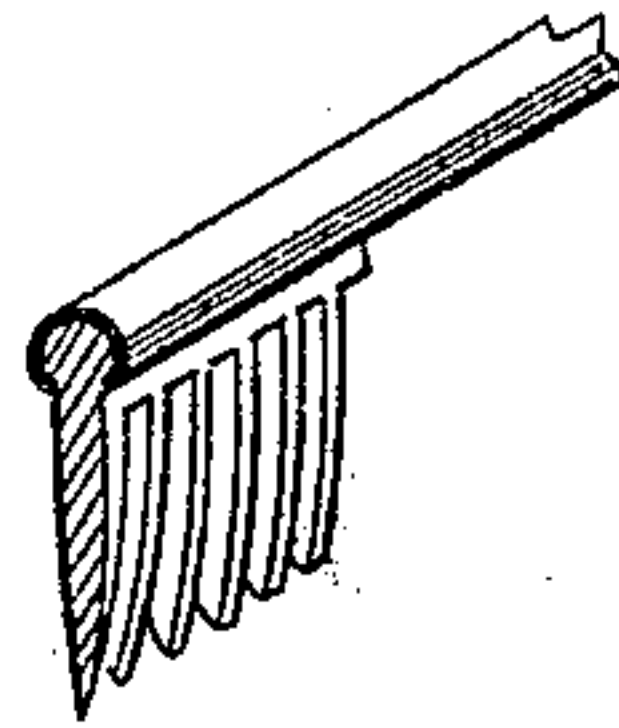
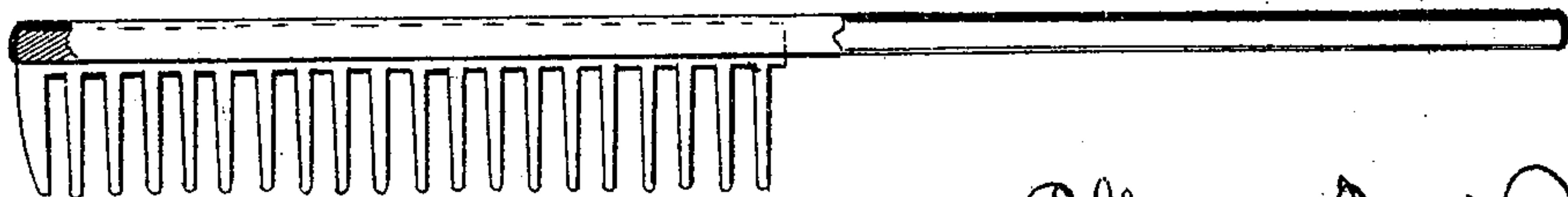


Fig: 3.



Chas. E. Shore

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UNITED STATES PATENT OFFICE.

ELFAMEO M. NOYES, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN COMBS.

Specification forming part of Letters Patent No. 43,038, dated June 7, 1864.

To all whom it may concern:

Be it known that I, ELFAMEO M. NOYES, of Newark, in the county of Essex and State of New Jersey, have invented a certain new and useful Improvement in Combs; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which—

Figure 1 represents a finished comb. Fig. 2 represents an end section, and Fig. 3 represents a side section of comb.

My invention and improvement consist in a hair-comb formed by attaching a metallic back or casing to the body of the comb without rivets or cement, in such a way as to give sufficient strength and at the same time allow the back to be conveniently narrow and thin. I make the back of the comb narrow, and either square, rounded, or any other shape, according as I intend to have the shape of the back when completed, and the particular use to which the comb is to be applied. Along the sides of the back part of the comb I cut grooves, as shown in Fig. 2, into which the edges of the metallic back are fitted. The metallic back is made of brass or some other suitable metal, either in the form of a tube, as represented in the accompanying drawings, or in any other required, the shape being wholly immaterial. This metallic back is then closely fitted to the back of the comb in such a way that the edges of said metallic back or casing fit into the aforementioned grooves in the sides of the comb. The comb may then have the ends of the metallic back or casing closed down over the ends of the body of the comb, and in most cases this construction is prefer-

able; but in many cases this is not essentially necessary, as the pressure of the edges of the metallic back in the grooves in the sides is sufficient to keep said metallic back in its place. In this manner a neat and serviceable comb is manufactured, which may be made as narrow and light as may be required, and yet possess sufficient strength.

Combs as ordinarily made, or when made according to my improvement patented April 24, 1860, must necessarily be wider or thicker and heavier than when made according to my present improvement; and, further, in making combs of horn or ivory it was found difficult always to find material of the required length; but my improvement enables the manufacturer to make his combs of two or more pieces, the metallic back holding these pieces in position, and the metal, being closed down over the ends, keeps the pieces from sliding from their places, and also keeps the back from sliding from the comb; and, further, the backs thus attached are permanently secured without either rivets or cement.

Having thus fully described my invention, what I claim as an article of manufacture, and desire to secure by Letters Patent, is—

A hair-comb formed by attaching to the body of the comb, without rivets or cement, a metallic back or casing, with or without the ends of said metallic back or casing closed down over the ends of the body of the comb, substantially as and for the purpose set forth.

E. M. NOYES.

Witnesses:

GEO. B. MORSE,
JAMES T. GRAHAM.