J. P. Noyes.
Comb.

No. 55,349. Patented. June. 5. 1866.

Fig. 1.

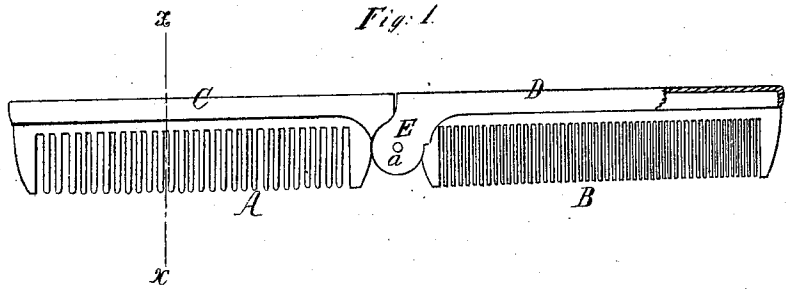


Fig. 2.

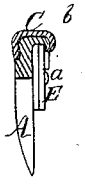
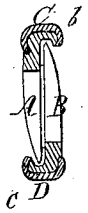


Fig. 3.



Witnesses:

Jno. T. McNamara

Theo Frisch

Inventor:

Joseph P. Noyes

UNITED STATES PATENT OFFICE.

JOSEPH P. NOYES, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN COMBS.

Specification forming part of Letters Patent No. **55,349**, dated June 5, 1866.

To all whom it may concern:

Be it known that I, JOSEPH P. NOYES, of Newark, in the county of Essex and State of New Jersey, have invented a new and Improved Comb; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 represents a sectional side elevation of this invention when open or unfolded. Fig. 2 is a transverse vertical section of the same, the plane of section being indicated by the line *x x*, Fig. 1. Fig. 3 is a similar section of the same, in the same plane as the previous figure, when the comb is folded.

Similar letters of reference indicate like parts.

This invention relates to an improvement in that class of combs which are made of horn or any other suitable material and strengthened by a metal back, such as described in Letters Patent granted to E. M. Noyes, June 7, 1864, and numbered 43,038.

The invention consists in a pocket-comb the joint of which is made solid with the metal back or casing in such a manner that by said casing the strength of the comb is considerably increased and a joint is obtained which is much more durable and easier made than the ordinary joint of horn or other similar material.

The back of each half of the comb is turned over, one to the right and the other to the left, and the metal casing is applied thereto in such a manner that a groove is formed on the back of each half of the comb to receive the points of the teeth of the other half, and the comb can be conveniently carried in the pocket without danger of injuring or breaking the points.

A represents one half, and B the other half, of a pocket-comb, the body and teeth of which are made of horn, india-rubber, or other suitable material. Each half is strengthened by a metal casing, C D, secured to its back in any suitable manner, with or without cement, though, by preference, I use the method described in the Letters Patent of E. M. Noyes, above described, which consists in securing the metal casing to the back of the comb without cement by pressing the same over the sides and ends thereof.

The metal casings C D extend on the inner sides beyond the combs A B, and each casing forms one-half of the hinge-joint E, which turns on the pivot *a*. The hinge-joint being thus made solid with the metal casing, is stronger and more durable than a hinge-joint of the ordinary construction, and it can be made much cheaper.

By proper machinery the metal casing and joint can be turned out quick and neat, and its application to the comb requires but little time, so that a comb can be made which is cheap, simple, and durable.

The back of each half A B of my comb is turned over to form a groove, *b c*, as shown in Figs. 2 and 3, and the metal casing is formed to correspond to this shape of the horn or other material, so that a very strong and durable comb is produced, and when the comb is folded the points of the teeth of each half of the comb are protected by the groove and metal casing of the other half, as shown in Fig. 3 of the drawings.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

As an improved article of manufacture, the folding comb herein described, consisting of the two blades A B, metallic backs C D, and hinge-joint E, made solid with the said metallic backs, all as specified.

JOSEPH P. NOYES.

Witnesses:

WM. F. MCNAMARA,

M. M. LIVINGSTON.