W. F. George.

Hair Crimper.

No. 230.
31234

Patented Jan. 29, 1861.

Fig. 1.

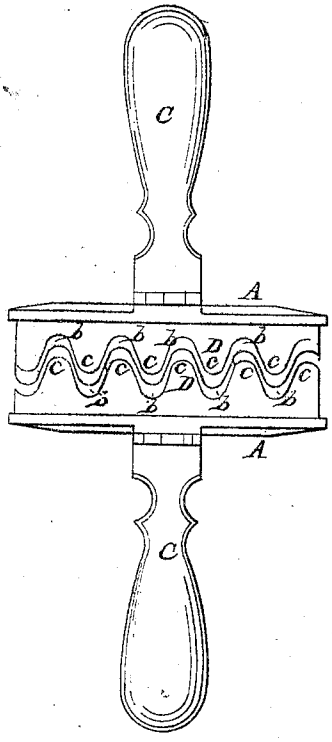


Fig. 2.

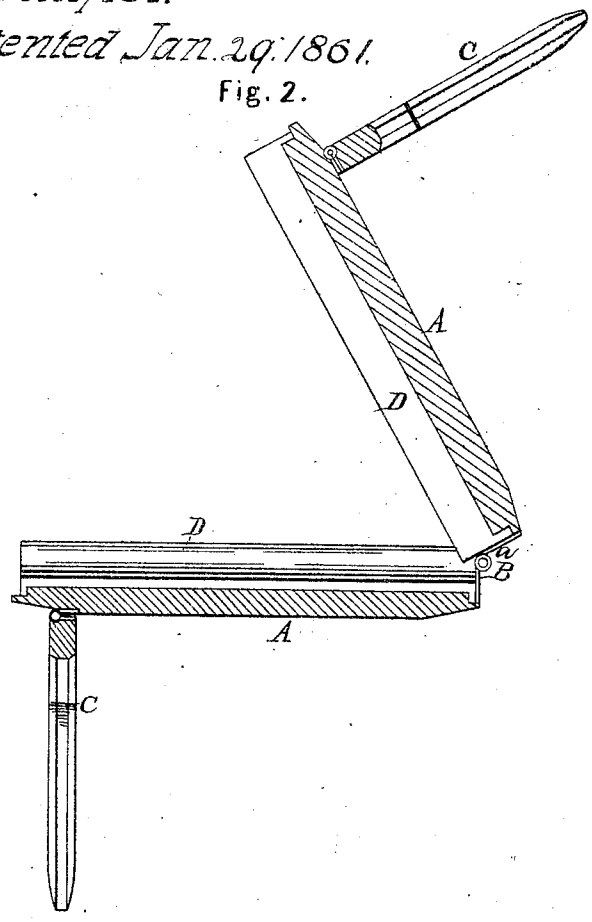
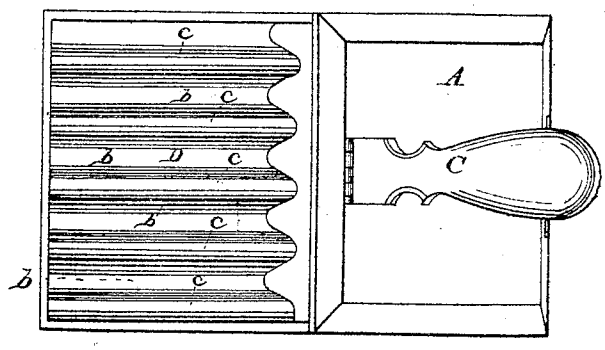


Fig. 4.



Fig. 3.



Witnesses.

C. H. Courtan.

Inventor.

W. F. George.

UNITED STATES PATENT OFFICE.

W. F. GEORGE, OF NEW YORK, N. Y.

HAIR-CRIMPER.

Specification forming part of Letters Patent No. 31,234, dated January 29, 1861; Reissued September 15, 1863, No. 1,539.

To all whom it may concern:

Be it known that I, W. F. GEORGE, of 806 Broadway, in the city, county, and State of New York, have invented a new and useful Implement or Device for Crimping Ladies' Hair; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is an end view of my invention. Fig. 2 a longitudinal central section of the same; Fig. 3 a plan or top view of the same in a partially open state; Fig. 4 a view of a braid of hair showing the way in which the implement is used.

Similar letters of reference indicate corresponding parts in the several figures.

This invention relates to an implement or device for crimping, at one operation, the hair at one side of the head, the necessary number of folds or plaits, five being generally made, being all formed at one pressure, and extending from within a short distance of the central parting of the hair to about the lower part of the ear.

This crimping of the hair now fashionable with ladies is by the usual implement attended with considerable trouble, one fold or plait only being formed or produced at once and great care being required to perform the work neatly.

By my invention it is believed that this objection is fully obviated.

To enable those skilled in the art to fully understand and construct my invention I will proceed to describe it.

A, A, represent two wooden blocks or plates which are connected at one end by a hinge or joint B, and provided each with a handle C, at the opposite ends, the handles C, being connected by joints or hinges *a*, to the blocks A, A.

To the inner sides of the blocks A, A, there are attached fluted or corrugated plates D, D, one to each block. These plates may be cast solid, or they may be struck up or swaged in proper form from sheet metal. Hard wood also might be employed for the plates D, D, but sheet metal swaged in suitable form would probably be the most desirable mode of manufacture.

The plates D, D, are fluted longitudinally, and the prominences of one plate are opposite the depressions of the other so that when the blocks and plates are closed the blocks will fit into each other as shown clearly in Fig. 1. The plates D, D, are provided with as many flutes as there are folds or plaits required.

The depressions *b*, of the blocks D, are larger in their transverse section than the prominences *c*, so that when the plates are closed a zig-zag space will be allowed between the plates or the flutes thereof. This is essential to allow the plates to close with the hair between them so that the hair may be subjected to an equal pressure the whole length of the plates.

The blocks A, A, and plates D, D, are sufficiently long to crimp a layer of hair of the desired width at each side of the head.

The implement is used as follows:—The two blocks A, A, are distended or opened before a fire so that the plates D, D, will be properly heated, the handles C, C, being turned back in order to avoid being heated. The hair is then adjusted or parted with a proper layer *d*, at each side (see Fig. 4,) and when the plates D, D, are sufficiently heated the operator grasps the implement by its handles and embraces the layer *d*, of hair at one side of the head and presses the plates together so as to crimp the layer at the desired spot. In Fig. 4 the way in which the implement is applied to the hair is shown.

By this invention it will be seen that the crimping of the hair may be very expeditiously and perfectly accomplished.

In using an ordinary implement similar to a curling tongs, which forms one plait or fold only at once much difficulty is encountered in forming the folds or plaits parallel with each other, besides considerable time is expended in performing the work, which at the best is but imperfectly done, owing to the tendency of the implement while forming one fold or plait to destroy the adjoining one formed at the preceding operation.

The wooden blocks A, A, or blocks of other material which is a non-conductor of heat, are essential in order to prevent the radiation of heat from the backs of the plates D, D. These blocks protect the hands of the operator and render the operation throughout more agreeable than it would otherwise be.

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

A hair-crimping apparatus formed of fluted plates D, D, attached to blocks A, A, and connected at one end by a joint or hinge B, the blocks being provided with handles C, and the blocks and handles constructed of wood or other material which is a good non-conductor of heat, all being arranged substantially as set forth to form a new and improved article for the purpose specified.

W. F. GEORGE.

Witnesses:

WM. C. TAYLOR,

M. M. LIVINGSTON.