

*E. Ivins*  
*Hair Crimper.*

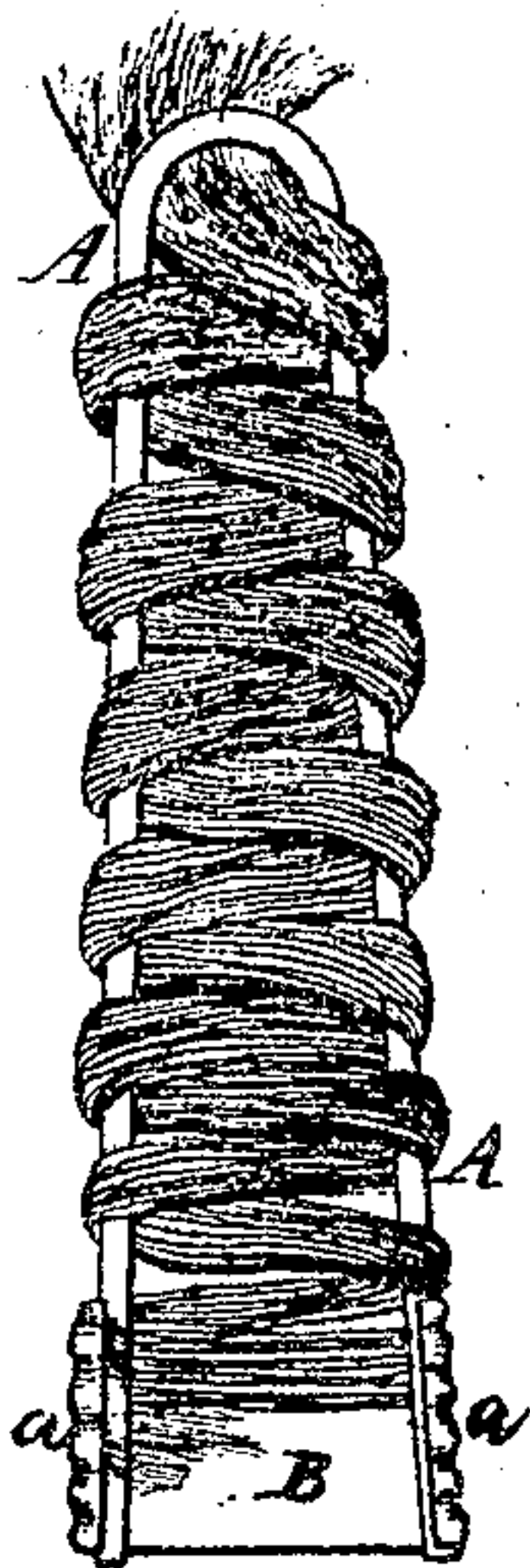
*Nº 23842.*

*Patented May 3. 1859.*

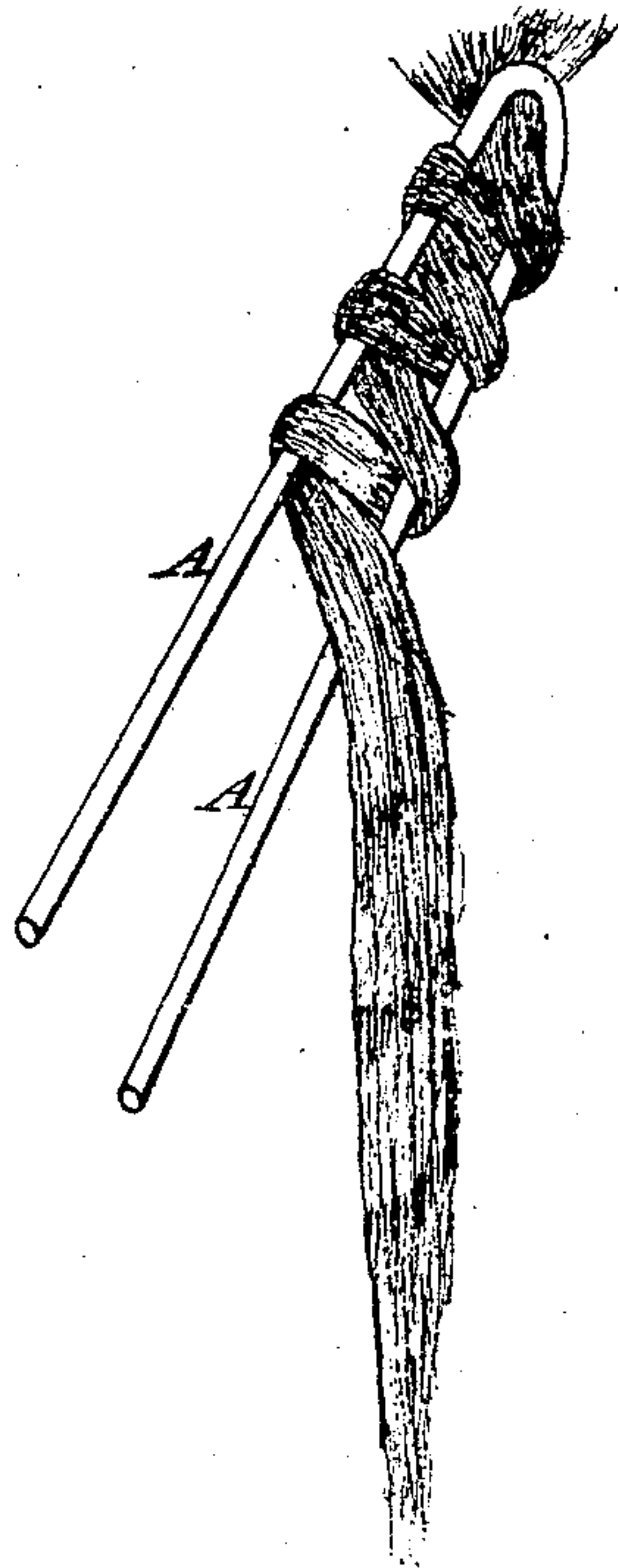
*Fig. 1.*



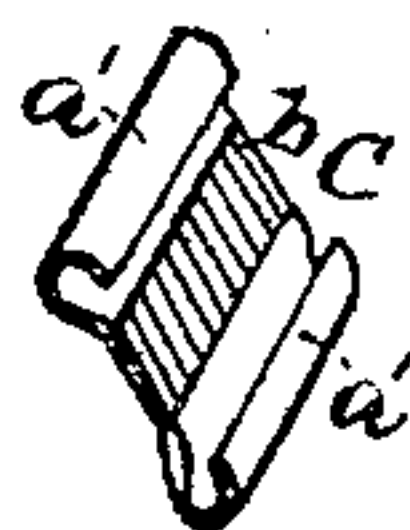
*Fig. 2.*



*Fig. 3.*



*Fig. 5.*



*Fig. 4.*



*Inventor.*

*Ellwood Ivins.*

*Witnesses.*

*J. M. Dinnall.*  
*J. H. Brown.*

# UNITED STATES PATENT OFFICE.

ELLWOOD IVINS, OF WATERBURY, CONNECTICUT.

## HAIR-CRIMPER.

Specification of Letters Patent No. 23,842, dated May 3, 1859.

*To all whom it may concern:*

Be it known that I, ELLWOOD IVINS, of Waterbury, in the county of New Haven and State of Connecticut, have invented a new and useful Contrivance for Crimping Ladies' and Children's Hair; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a profile view of a lady's head showing the effect produced by my contrivance. Fig. 2 exhibits the contrivance complete, applied and secured to the hair. Fig. 3 exhibits the manner of applying the contrivance to a tress. Fig. 4 is an end view of that part of the contrivance which clasps and secures the ends of the tress. Fig. 5 exhibits a modification of that part of the contrivance exhibited in Fig. 4.

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

To enable others to make and use my invention, I will proceed to describe its construction and operation.

A, is the fork made by bending a piece of steel or other metal wire at the middle of its length, or made of similar form of any other similar material; such fork being from three to four inches in length, and the width between the prongs being three-eighths ( $\frac{3}{8}$ ) to five-eighths ( $\frac{5}{8}$ ) of an inch.

B, (Figs. 2 and 4) is the the clasp, made of a piece of steel or other metal plate, having its side edges bent in such a manner (shown at  $a, a$ , Fig. 4) as to be capable of clasping the two prongs of the fork which are kept within it by their own elasticity. The parts  $a, a$ , may be corrugated, as shown at Fig. 2, or plain.

C, (Fig. 5) is a clasp made of two pieces  $a', a'$ , of metal bent like  $a, a$ , and united by a piece  $b$ , of india-rubber, or india-rubber webbing or other elastic material. This clasp C, is to be applied to the fork in a similar manner to B, and is more particularly suitable to a fork which is inelastic, but the clasp B, requires the fork to be elastic.

The contrivance is used in the following manner. A tress of hair is passed between the prongs of the fork close to the bend which is placed close to the head, and the tress is then laced around and between the prongs of the fork in the manner shown in Fig. 3, that is to say, over or under one prong, back between the prongs, over or under the other and back between. The whole length of the tress may be laced in this way, or only such portion as may be desired; after which the clasp B, or C, is put on in such manner as to clasp the hair in its lips  $a, a$ , or  $a', a'$ , as shown in Fig. 2. To permit the clasp B, to be put on, the prongs require to be pressed toward each other, to enable them to enter the lips  $a, a$ ; but the clasp C, being of an elastic character, can be stretched to make the lips  $a, a'$  slip over the prong.

Having described my invention I claim— As an improved article of manufacture, a hair crimp composed of a fork A, and clasp B, or C, made as herein shown and described.

ELLWOOD IVINS.

Witnesses:

J. U. BUNALL,  
J. H. BRONRICK.