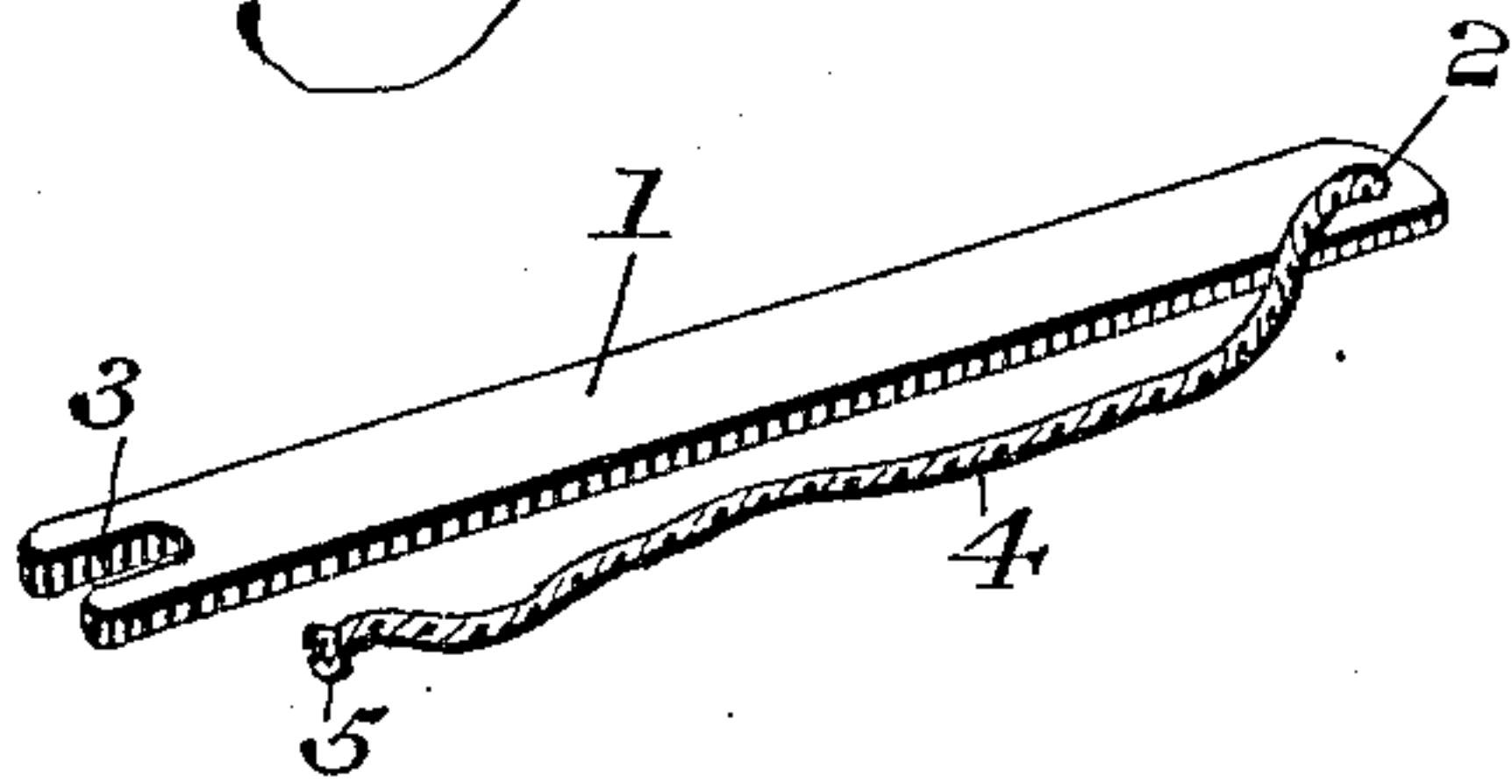


No. 844,823.

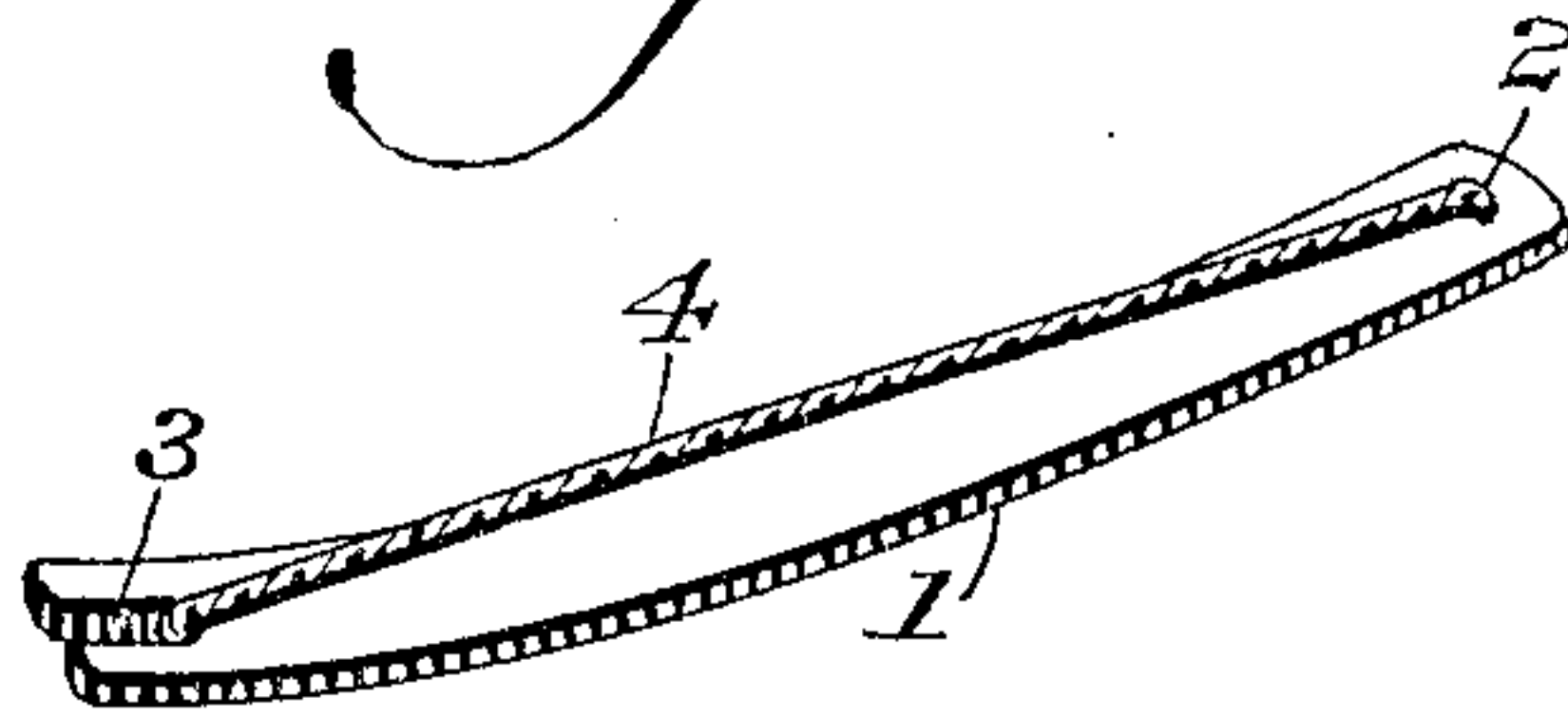
PATENTED FEB. 19, 1907.

J. F. MARTIN.  
HAIR CRIMPER.  
APPLICATION FILED MAR. 9, 1904.

*Fig. 1.*



*Fig. 2.*



Witnesses  
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# UNITED STATES PATENT OFFICE.

JAMES F. MARTIN, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO JOHN B. HALL, OF PHILADELPHIA, PENNSYLVANIA.

## HAIR-CRIMPER.

No. 844,823.

Specification of Letters Patent.

Patented Feb. 19, 1907.

Application filed March 9, 1904. Serial No. 197,206.

*To all whom it may concern:*

Be it known that I, JAMES F. MARTIN, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Hair-Crimpers, of which the following is a specification.

My invention relates to hair-crimpers, and consists of a strip of resilient material having a flexible cord connected to one end thereof and a removable engagement therewith at the other end, the distance between the points of engagement of the cord being less than the length of the cord, whereby the strip is curved.

Figure 1 represents in perspective my device. Fig. 2 shows the same device in operative position.

Similar numerals of reference indicate corresponding parts in the figures.

Referring to Fig. 1 of the drawings, 1 designates the bar or strip, which may be of horn, celluloid, or suitable material. The bar is pierced at one end with an aperture 2 and has a longitudinal slot 3 at its opposite end. Passed through the aperture 2 is one end of the cord 4. The cord may be secured by a knot or otherwise to prevent its disengagement from the aperture 2. At its free end the cord 4 has a knot or enlargement 5, adapted to engage in the slot 3, as clearly shown in Fig. 2.

In operation the cord is disengaged from the strip 1, the hair is wound around the strip, and the cord engaged thereover and slipped into the slot 3, against which the knot 5 bears. It is plain that the lock or tress of hair will be securely held against the bar its entire length, as the cord tends to contact with the hair and hold the same in position.

It will be evident that various changes may be made by those skilled in the art which may come within the scope of my invention, and I do not, therefore, desire to be limited in every instance to the exact construction herein shown and described.

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

In a hair-crimper, a single flat strip of resilient material, tongues in said strip forming a slot extending longitudinally from one end, a flexible cord connected at one end to said strip and a stop on the opposite end of said cord, said cord being adapted to pass said slot and said stop to engage the tongues, the distance between the inner end of said slot and the point of attachment of said cord being longer than said cord whereby the strip is curved when the cord is in position.

JAMES F. MARTIN.

Witnesses:

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