

No. 672,506.

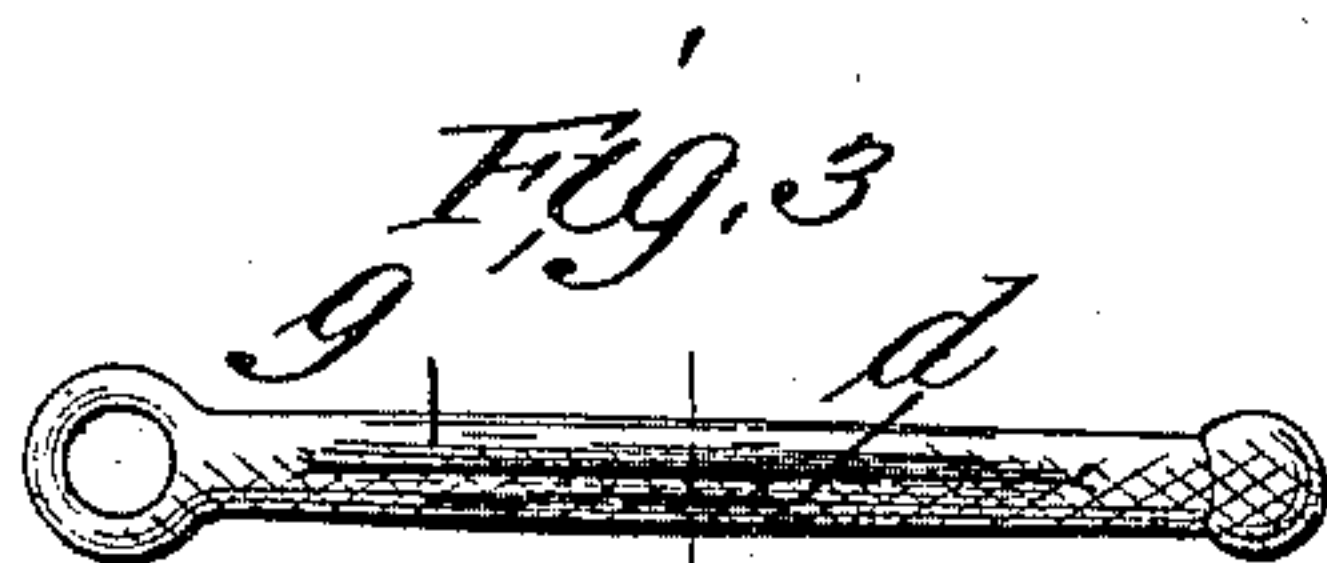
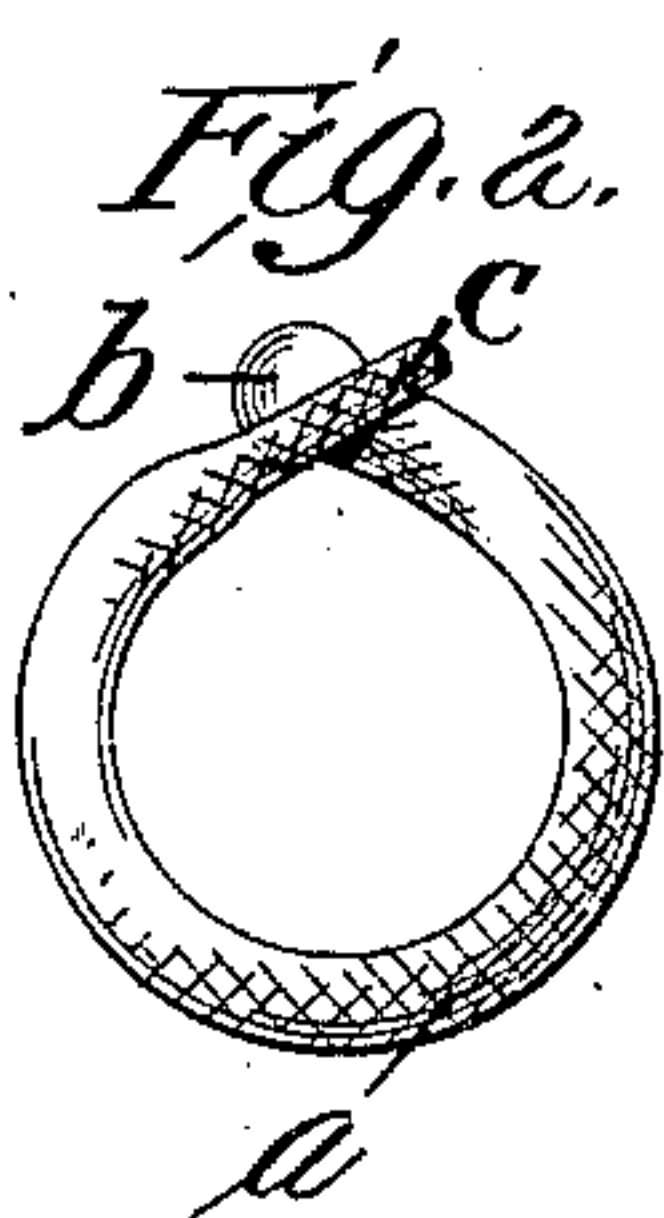
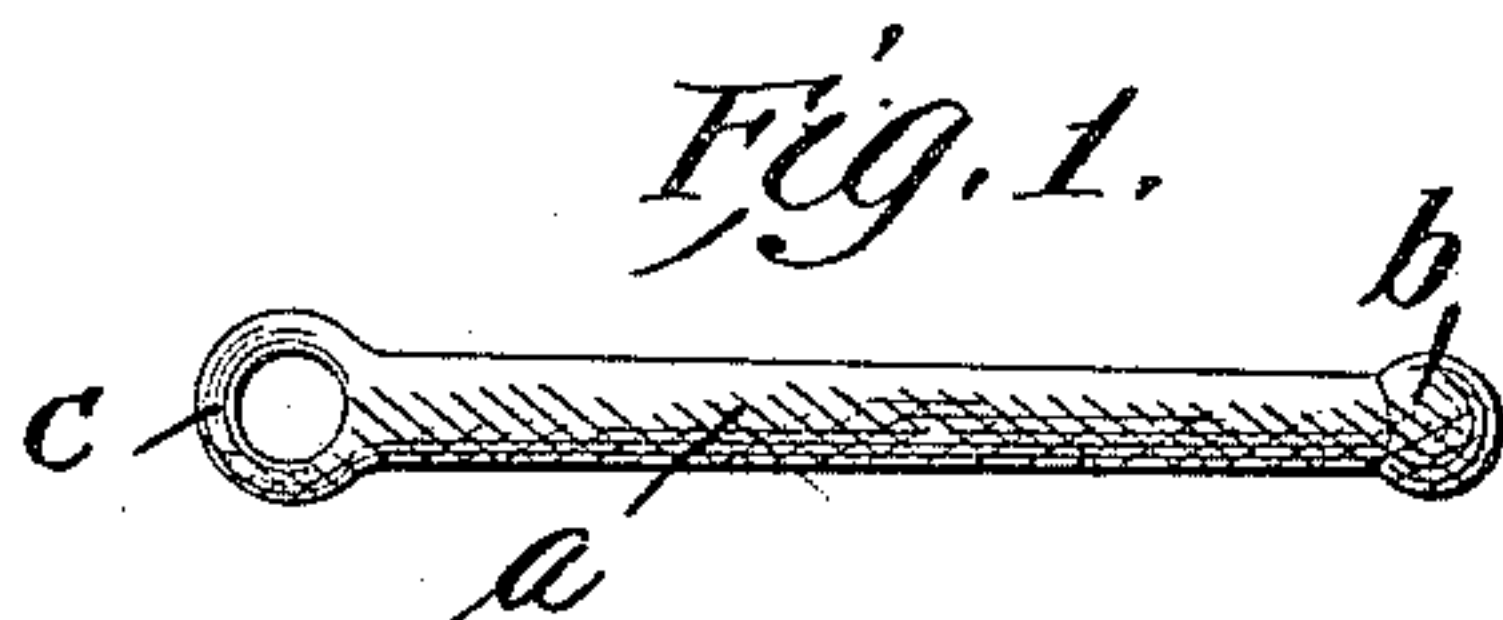
E. R. GODWARD.

Patented Apr. 23, 1901.

HAIR CRIMPER.

(Application filed July 31, 1900.)

(No Model.)



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# UNITED STATES PATENT OFFICE.

ERNEST R. GODWARD, OF INVERCARGILL, NEW ZEALAND.

## HAIR-CRIMPER.

SPECIFICATION forming part of Letters Patent No. 672,506, dated April 23, 1901.

Application filed July 31, 1900. Serial No. 25,411. (No model.)

*To all whom it may concern:*

Be it known that I, ERNEST R. GODWARD, a subject of the Queen of Great Britain, residing at Invercargill, New Zealand, have invented certain new and useful Improvements in Curling Devices for the Hair, of which the following is a specification.

My invention is designed to furnish a very simple form of hair-curler. The most common form now in use is composed of wire covered with leather, the wire being adapted to be bent into any position and to retain this bent form. It has also been proposed to make hair-curlers of flexible central portions having metallic ends adapted to be engaged to confine the hair after it has been curled. The various devices of this kind are objectionable, for the reason that they seriously interfere with the comfort of the wearer by reason of the fact that the metal ends come in contact with the head when the person wearing the curlers is reclining or when the head is upon a pillow, and any movement of the head is liable to cause the metallic portion to injure the skin.

It is my aim to provide an effective curler composed of rubber or like material throughout, with no metal used in its construction, and thus I obviate the difficulties referred to.

In the accompanying drawings, Figure 1 shows one form of my invention preliminary to its use. Fig. 2 shows this form as it appears when in use. Fig. 3 is a modification of Fig. 1, and Fig. 4 is a detail in section.

The curler, as shown in Fig. 1, consists of a cylindrical body portion *a*, preferably composed of rubber, though it may be made of some substitute having substantially the same qualities. At one end I form a bulb *b*

and at the opposite end an eye *c*. The hair is wound around the body of the curler and then the curler is secured in position by bringing the two ends together, as shown in Fig. 2, the bulb being forced through the eye. The end containing the eye may be flattened, as shown in Fig. 2, to add to the elasticity of the eye. In Fig. 3 I have shown the body *a* of the curler as slitted, as at *d*. The ends of the hair may be inserted within this slit by first distending the slitted portion and then rolling up the hair, the ends being confined in the slit.

It will be understood that the curler according to my invention is composed wholly of a material of a yielding nature and cannot possibly injure the head. It may be made of different colors to match the color of the hair of the person using it.

Fig. 4 shows a section through the curler to illustrate the preferred way of making the slit. Instead of cutting or forming this straight through, which would leave a corner apt to crease the hair, I round the upper or lower edges, as at *g*, the central portions only coming in contact.

What I claim is—

As an article of manufacture, a hair-curler consisting of a single piece of pliable rubber, said curler being in the form of a straight bar having at one end an enlarged knob and at the opposite end an eye through which said knob is adapted to be forced, substantially as described.

ERNEST R. GODWARD.

Witnesses:

F. L. MIDDLETON,  
EDW. L. REED.