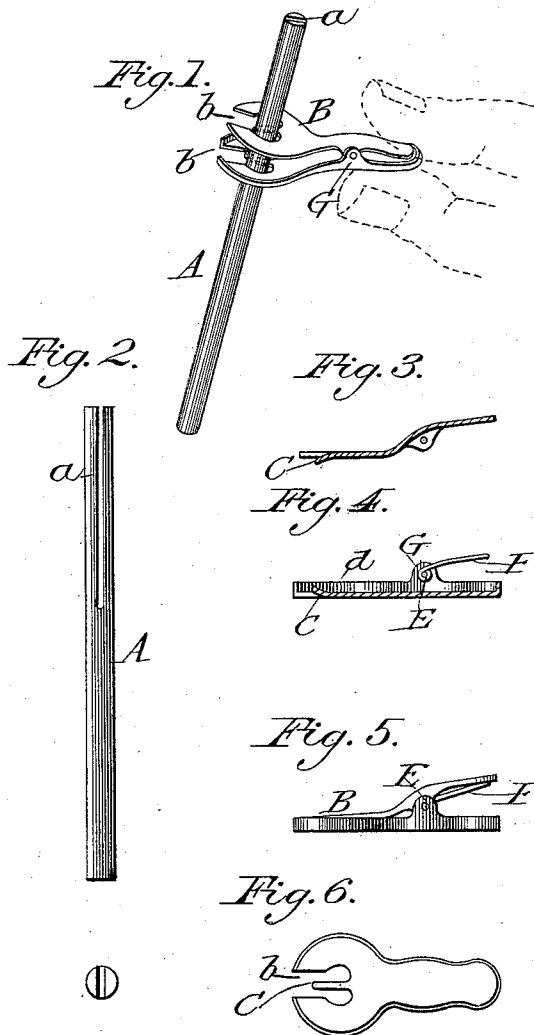


(No Model.)

F. FAUST.
HAIR CURLER.

No. 400,904.

Patented Apr. 9, 1889.



Witnesses:

Julius Müller.
Gustav Joepfer.

Inventor:
Ferdinand Faust.

UNITED STATES PATENT OFFICE.

FERDINAND FAUST, OF BROOKLYN, NEW YORK.

HAIR-CURLER.

SPECIFICATION forming part of Letters Patent No. 400,904, dated April 9, 1889.

Application filed February 10, 1888. Serial No. 263,654. (No model.)

To all whom it may concern:

Be it known that I, FERDINAND FAUST, a citizen of the United States, residing at Brooklyn, Kings county, and State of New York, have invented certain new and useful Improvements in Hair-Curlers; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

The object of my invention is to curl human hair by pressing it into a curl by a clamp provided with a spring after the hair is rolled up on a winding-stick to which the clamp is attached for the purpose of receiving and pressing the hair into a curl. I attain this object by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a view of the hair-curler in perspective, and showing the clamp open. Fig. 2 shows the winding-stick provided with the slot. Fig. 3 is a longitudinal section through the upper clamping-jaw. Fig. 4 is a longitudinal sectional view through the lower clamping-jaw. Fig. 5 is a side elevation of the two clamping-jaws united together and closed, and Fig. 6 is a plan view of one of the clamping-jaws.

A represents the winding-stick, provided at one end with a slot, *a*.

B represents the clamp, slotted at the ends, as shown by *b b*, and provided with one tongue, C, in the center of each slot or opening. The lower part of the clamp has its edges turned upward, as shown by *d*. The pin E runs through the center of the clamp, and combines the upper and lower parts of the clamp with the spring.

In Fig. 4, F shows the spring as it is combined with the clamp by the pin E passing through the ears or lugs G G in the center of the lower part of the clamp.

Similar letters refer to similar parts through the entire views.

The winding-stick is composed of tin or any convenient metal, in any convenient size, and is used to roll the hair upon. The clamp is then connected with the winding-stick by inserting the tongue C in the slot *a*. The hair is between the two tongues. The clamp is kept open by the pressure of the fingers of the person using it. The releasing of the clamp from the pressure of the fingers and the power of the spring closes the clamp and presses the hair. The winding-stick is removed and the continued pressure of the clamp for a convenient length of time curls the hair. The edges of the lower part of the clamp are bent or turned upward, as shown by *d*, to prevent the hair from slipping from the clamp after the stick A is removed.

The upper and lower parts of the clamp B are secured together with the spring F by a pin, E, running through the ears or lugs G G.

Prior to my invention hair has been curled with hot irons or crimpers.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, in a hair-curling device, of a clamp having its upper and lower parts provided with tongues C C in the center of an opening at the end of such parts, and the edges of the lower part turned up, and a rolling stick provided with the slot *a*, all substantially as set forth.

2. A clamp having its upper and lower parts provided with tongues C C in the center of an opening at the end of such parts and the edges of the lower part turned up, all substantially as shown, for the purpose aforesaid.

FERDINAND FAUST.

Witnesses:

JULIUS MÜLLER,
GUSTAV TOEPFER.