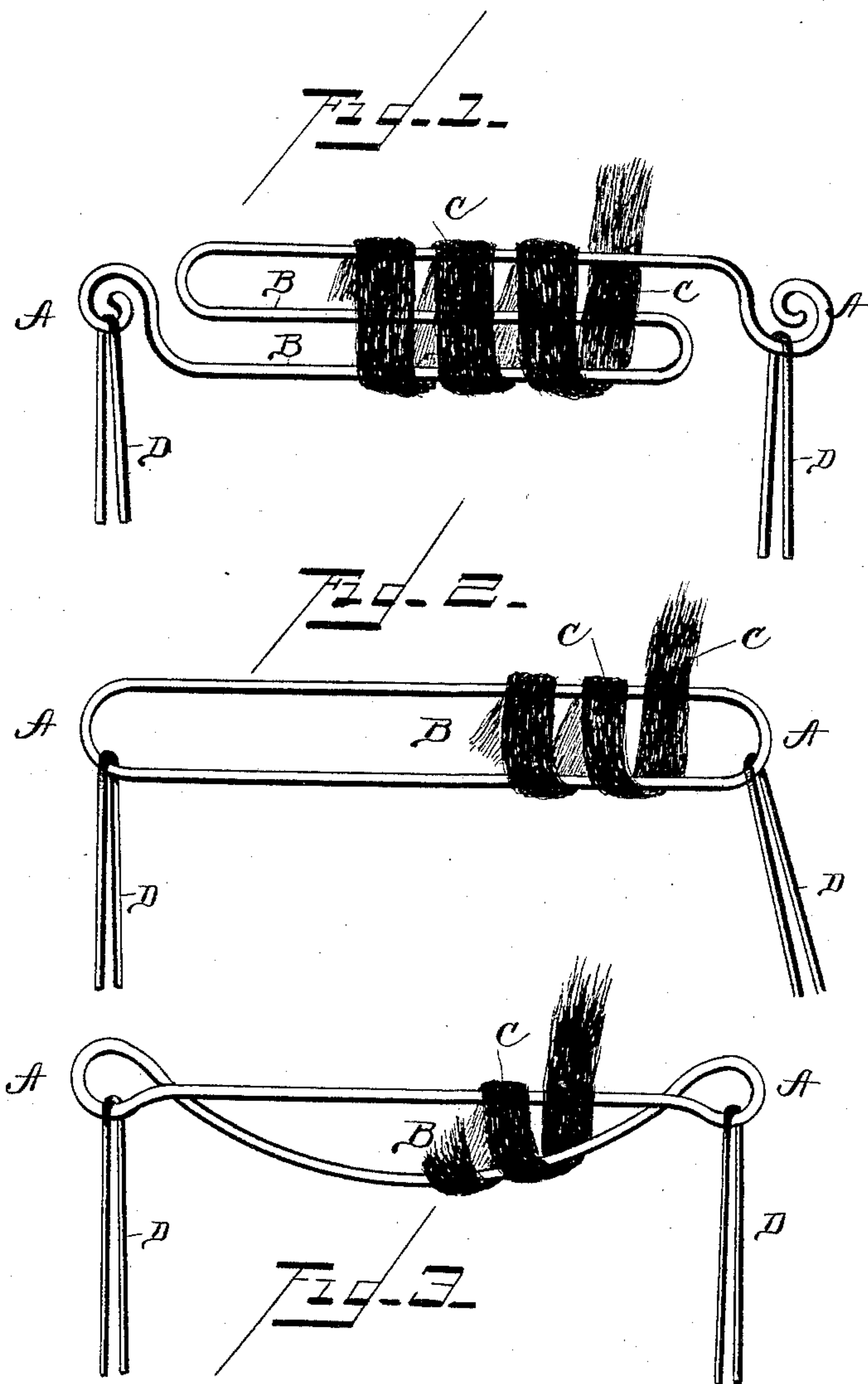


(No Model.)

H. A. EMERY.
PUFF WINDER.

No. 440,549.

Patented Nov. 11, 1890.



WITNESSES
F. L. Ourand.
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HARRIET A. EMERY, OF WASHINGTON, DISTRICT OF COLUMBIA.

PUFF-WINDER.

SPECIFICATION forming part of Letters Patent No. 440,549, dated November 11, 1890.

Application filed July 28, 1890. Serial No. 360,239. (No model.)

To all whom it may concern:

Be it known that I, HARRIET A. EMERY, a citizen of the United States, and a resident of Washington, District of Columbia, have
5 invented a new and useful Device for Winding Hair into Puffs upon the Head, which I will name a "Puff-Winder," of which the following is a specification.

I attain the object of this invention by wire
10 or any other suitable material made in the shape as seen in the accompanying drawings, in which—

Figure 1 is a perspective view of the frame-work. Fig. 2 is a modification of the same.
15 Fig. 3 is also a modification of the same.

I attain the object of this invention as follows: In order to form a puff a portion of the hair C is brought down from the head, the ends of which are placed through the open-
20 ings B B, and firmly held until the frame can

be twisted over to hold the same in place. Then the hair is continuously wound around the frame-work until the same reaches the head, forming a puff, where it is held in place by the introduction of hair-pins D D, through
25 the curve or openings A A.

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

A puff-winder consisting of a thin strip of suitable material bent to form two or more
30 winding-strips B B, over which the hair is wound, and its ends bent to form means by which hair-pins may be introduced to attach the frame-work to the head, holding the puff in place, as shown and described.

HARRIET A. EMERY.

Witnesses:

E. L. BEACH,
D. P. COWL.