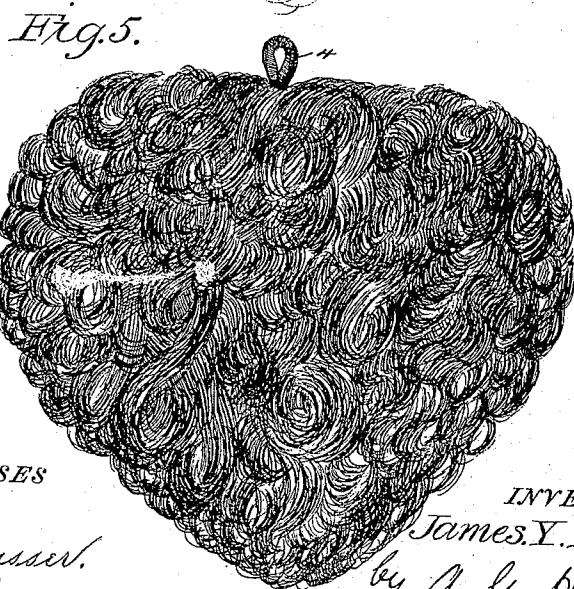
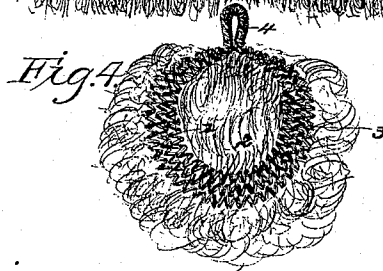
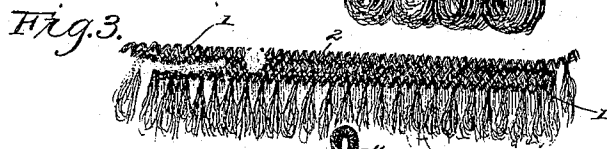
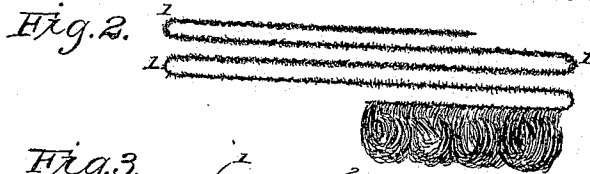
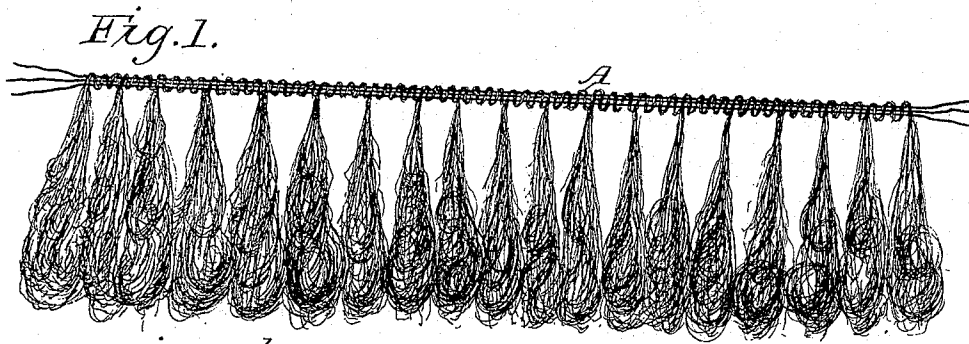


J. Y. BORDEN.  
HAIR AND WIG.

No. 431,837.

Patented July 8, 1890.



WITNESSES

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# UNITED STATES PATENT OFFICE.

JAMES Y. BORDEN, OF PHILADELPHIA, PENNSYLVANIA.

## HAIR AND WIG.

SPECIFICATION forming part of Letters Patent No. 431,837, dated July 8, 1890.

Application filed March 21, 1890. Serial No. 344,696. (No specimens.)

### *To all whom it may concern:*

Be it known that I, JAMES Y. BORDEN, a citizen of the United States of America, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Hair and Wigs, of which the following is a specification.

My invention has relation to improvements in toilet articles of that class in hair and wigs known as "bangs, crimps, or curls;" and the object is to provide an improved article of the kind named which will be comfortable to the wearer, durable in use, and ornamental as a part of the toilet.

With this object in view my invention consists, first, in the method of constructing or making bangs, crimps, or curls, and, second, in an improved article of manufacture, as will be hereinafter more fully specified, and as particularly pointed out in the claims hereto.

I have fully and clearly illustrated my invention in the accompanying drawings, wherein—

Figure 1 is a view of the "weaving" or strip of prepared hair from which the bang is made. Fig. 2 is a view of the weaving or strip of prepared hair partially folded to show the arrangement of the parts preparatory to sewing together. Fig. 3 is a view of the weaving folded complete. Fig. 4 is a view of the folded weaving as it appears in the completed bangs, and Fig. 5 is a view of the completed article.

Toilet articles generally known to the trade as "bangs" or "waves" are made by connecting the hairs or ventilating the hairs through netting or perforated hair lace, vegetable lace, &c., by needles made purposely for ventilating, a piece of woven material being used for shaping the article to the desired form.

Various improvements have been made whereby ventilation will be given to the surface covered by the woven material. The articles of these prior constructions generally heat in their uses and absorb the perspiration, thereby rendering them perishable; also bangs of this former construction cannot well be kept in becoming and presentable condition, because the textile material constituting the foundation on which the hair is at-

tached is easily torn by the insertion of the necessary fastening-pins, and it soon becomes impossible to keep the articles in place on the head. The textile material also shrinks by the action of wetting and drying due to perspiration. The netting or texture of the textile material also causes the scalp at the part covered to itch. My invention does away with whatever objectionable features or elements there may be in present articles of the kind, as I provide an article consisting entirely of natural hair held to shape by connecting the woven band of the weaving or strip of hair, as hereinafter specified.

To consummate the construction of my improved article, I take a strip of hair fabric usually known in the trade as "weaving," an illustration of which is given in Fig. 1 of the drawings, and designated by A, and then lay the woven band in laps or folds 1 back and forth upon each other, as indicated in Figs. 2 and 3 of the drawings, and secure the layers or folds of the band together by stitches, forming a backing 2. I then double or bend this formed band into a loop 3, leaving the united ends of the loop to project a short distance, as seen at 4, constituting a loop for the insertion of a hair-pin to secure the article to the natural hair. The article thus formed is shown in Fig. 5 of the drawings and eventuates in an article which may be cleaned by any of the usual means for cleansing the natural hair, and may be combed out and arranged in any desired shape or disposition a friz, curl, or bang is susceptible of. A strand of the natural hair may be pulled through the loop or opening 3 of the bang and then laid and secured as usual, the bang being thus held in position by the strand without the aid of pins or other means of fastening.

Having thus described my invention so as to distinguish it from prior inventions in the art, and having also fully specified its mode of construction and uses, I now proceed to particularly point out and distinctly claim as my invention, as follows:

1. The improvement in the art of making hair ornaments herein described, consisting in folding a strip of hair-weaving in layers, then securing the woven edges of the folded strip together, forming a backing, then bend-

ing the backing into shape, and then securing the ends of the backing together, substantially as specified.

2. As an improved article of manufacture,  
5 the hair ornament herein described, consisting of a strip of hair-weaving having its woven edges laid in folds back and forth upon each other and secured together to form a backing, and the said folded edges bent into a loop with

the opposite ends joined together, substantially as and for the purpose specified. 10

In witness whereof I have hereunto set my hand in the presence of two attesting witnesses.

JAMES Y. BORDEN.

Attest:

B. W. SOMMERS,  
A. G. HEYLMUN.