

(No Model.)

J. Y. BORDEN.
HAIR STRUCTURE.

No. 489,283.

Patented Jan. 3, 1893.

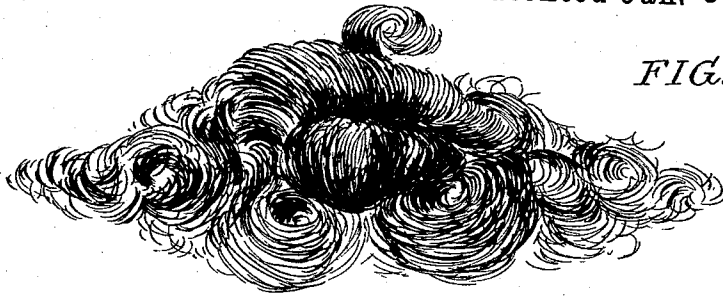


FIG. 1.

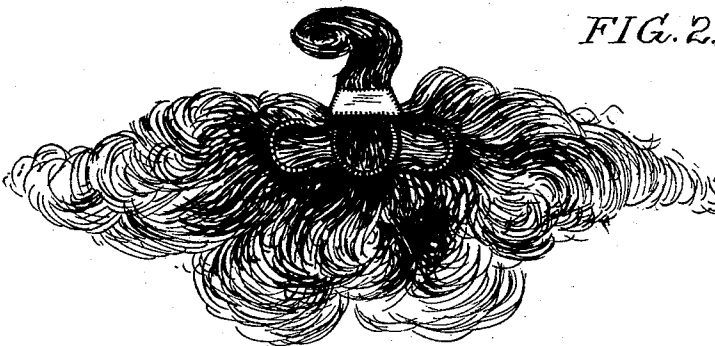


FIG. 2.

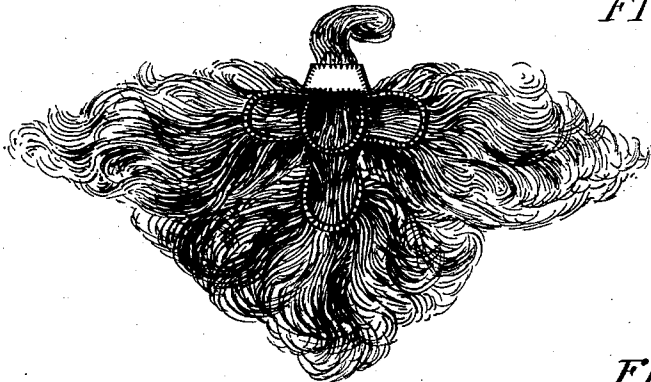


FIG. 3.

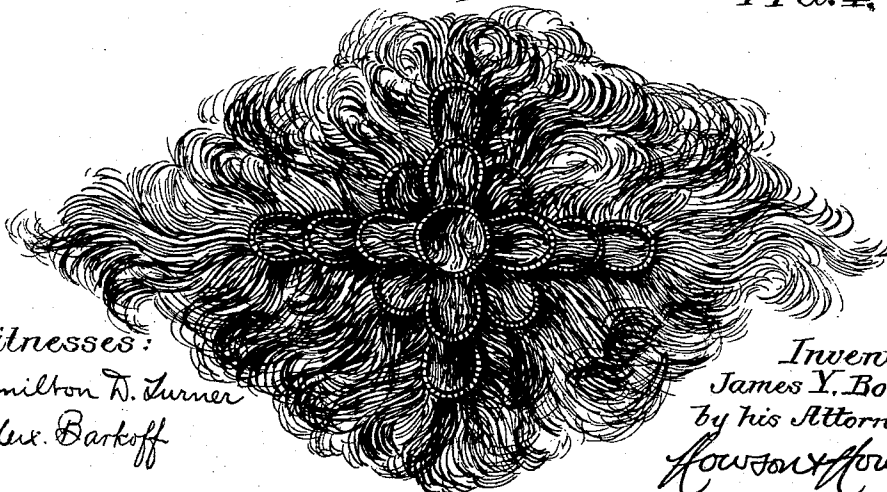


FIG. 4.

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UNITED STATES PATENT OFFICE.

JAMES Y. BORDEN, OF PHILADELPHIA, PENNSYLVANIA.

HAIR STRUCTURE.

SPECIFICATION forming part of Letters Patent No. 489,283, dated January 3, 1893.

Application filed March 30, 1892. Serial No. 427,084. (No model.)

To all whom it may concern:

Be it known that I, JAMES Y. BORDEN, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented certain Improvements in Hair Structures, of which the following is a specification.

My invention relates to certain improvements in the hair structure set forth in the patent granted to me on the 8th day of July 1890, No. 431,837, in which a single loop of hair weft was formed and shaped so as to produce an artificial bang.

The object of my present invention is to produce enlarged bangs, and in fact to make artificial bangs and wigs of any size or of any shape, at the same time retaining the advantages found in my former patent. This object I attain in the following manner, reference being had to the accompanying drawings, in which—

Figure, 1 is a front view of a bang made in accordance with my improvements; Fig. 2, is a view of the inside of the bang showing a central loop with two loops at each side; Fig. 3, is a view showing the bang having a central loop, two loops at each side, and one loop in front; and Fig. 4, is a view of the inside of a bang, scratch, or wig, having a number of loops surrounding a central loop forming a covering for the head.

I make the central loop in the same manner as set forth in my patent above alluded to, the material being what is termed and known to the trade as "wig weft," being composed generally of three strands of threads upon which is woven a series of depending tufts of hair. This material is an article of manufacture procurable in the open market. This hair weft is folded upon itself in the manner set forth in the patent mentioned above, and is so placed by the operator that the curled portion of the hair is adjusted to a certain position previously decided upon by the operator, so that the bang can be formed by the natural curl of the hair; the ends of the folded weft are then united, forming a loop or ring having the curled hair radiating therefrom; the operator can then curl the hair more or less so as to form bangs of different styles. The open loop enables the wearer to

readily adapt the bang to the natural hair by simply pressing the bang down upon the head so as to project sufficient of the natural hair through the loop, then a small hair pin is passed through this projecting portion of the natural hair and rests on the loop at each side, the hair of the bang concealing the pin; thus the bang is fastened securely upon the head, but the construction shown in the patent limits me to a certain size of bang, and if, for instance, a person wants a bang with a projection in front or extended at the sides, long hair has to be utilized for this purpose, making the bang considerably more expensive to manufacture, whereas by my present invention, I can utilize the same length of hair throughout the bang, and so arrange it that extensions can be made at any point required.

I duplicate the loops, making them in the same manner as the central loop described in my patent, and attach them to the loop as shown in Fig. 2. In this instance the bang is made so as to cover the temples as well as the upper portion of the head. Thus by placing a loop on each side, the bang is extended toward each temple, and the hair in these extensions is so arranged that the bang will shape itself to the head resting naturally upon the temples, and the hair of these extensions can be arranged so as to take a natural curl in the right direction.

When the extended front is required, a loop can be added to the front of the central loop, as shown in Fig. 3, thus extending the bang forward, the hair of the extension being so arranged as to lie naturally upon the head. This front extension can be combined with the side extensions as shown in Fig. 3, where a bang of this character is required. The hair of the central loop can be passed through or over the extension loops for the purpose of completely concealing these extension loops, as clearly shown in Figs. 1 and 2, of the drawings, and may also be utilized for a second series of curls.

At the rear of the bang is an extension of hair attached in the present instance to the binder, and is for the purpose of concealing the joint between the bang and the natural hair.

In Fig. 4, I have shown a number of extension loops attached together and forming a wig or scratch. A series of loops may be attached at each side of a bang or center piece so as to form side curls or waves, long hair being used in forming the extension loops for the purpose of making the side curls. I make a hair switch by simply attaching to a base loop, a series of loops, each loop being made from long hair.

While my invention is especially applicable to the manufacture of bangs, it can be readily adapted as well to the manufacture of wigs, side curls, switches, false beards, &c., as will be readily understood. The loops being light do not add materially to the weight of the hair, and the attachments do not rot out owing to the free circulation of air throughout the hair, and the scalp does not become

over-heated as in bangs or wigs of the ordinary construction.

I claim as my invention:

A bang, wig, or like hair structure consisting of a series of loops each having hair attached to and projecting therefrom, the series comprising a main or base loop, and one or more side or extension loops mounted upon and projecting from said base loop, the hair of some of the loops passing through and concealing one or more of the other loops of the series, substantially as specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES Y. BORDEN.

Witnesses:

H. F. REARDON,
HENRY HOWSON.