

(No Model.)

G. H. BLAKESLEY.

HAIR CRIMPER.

No. 348,263.

Patented Aug. 31, 1886.

Fig. 1

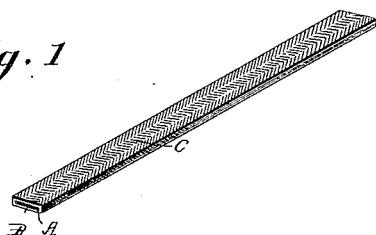


Fig. 3

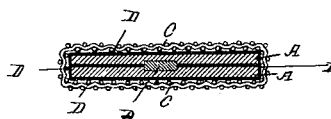
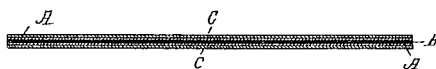


Fig. 2



WITNESSES:

E. H. Rogers.
C. L. Swanwick.

INVENTOR

Gilbert H. Blakesley.
BY *J. E. & S. J. Seymour.*
ATTORNEY

UNITED STATES PATENT OFFICE.

GILBERT H. BLAKESLEY, OF BRISTOL, CONNECTICUT.

HAIR-CRIMPER.

SPECIFICATION forming part of Letters Patent No. 348,263, dated August 31, 1886.

Application filed October 19, 1885. Serial No. 180,295. (No model.)

To all whom it may concern:

Be it known that I, GILBERT H. BLAKESLEY, residing at Bristol, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Hair-Crimpers; and I do declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to an improvement in hair-crimpers; and it consists in an article having a continuously-cemented core of paper or equivalent material and a metallic core-stiffening strips for retaining the paper core in its bent position.

My invention further consists in a hair-crimper having a core of paper or equivalent material, a metallic core-stiffening strip for retaining the paper core in its bent position, and a braided covering continuously cemented to the paper core.

My invention further consists in certain details of construction, as will be hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in perspective of a hair-crimper embodying my invention. Fig. 2 is a view thereof in central longitudinal section, and Fig. 3 is an enlarged view of the crimper in transverse section.

As herein shown, the crimper consists of a paper core composed of two core-strips, A, of thick, tough paper, a core-stiffening strip, B, of flexible non-elastic flattened wire, narrower in width than the core-strips, and located centrally between them, a braided covering, C, inclosing said strips, and cement D, securing the adjacent faces of the paper core-strips together throughout the length of the crimper, and also continuously adhering the braided covering to the outer faces of the paper strips. Preferably the article described is made by feeding two long strips of paper and a long strip of wire, which is located centrally between them, into a machine, applying a braided covering, drawing the paper strips together, with the wire in the described position between them, the paper strips being, before entering the braider, passed through a suitable adhesive or cementing mixture. When dry, the compound crimper-strip so made is

cut up into crimper lengths, which are then ready for use. The core of paper or equivalent material supplies the bulk required in the crimper. Paper is especially adapted for such purposes on account of its lightness, whereby any number of the crimpers may be worn at one time with perfect comfort. A paper core is also commended by its absorbent property. The core-stiffening strip simply serves to retain the paper core in its bent positions. The cement holds the strips together, whereby the covering may, if desired, be dispensed with. In a covered crimper the cement prevents the ends of the covering from fraying out in using the article. In the manufacture of covered crimpers, also, the cement prevents the strands of the covering from being pulled or frayed in cutting up the long crimper-strips into crimper-lengths, by firmly adhering such strands to the paper strips. The cement also permits the application of metallic clips to covered crimpers, if such ornamentation is desired.

In the particular form of crimper herein shown the cement, by adhering the adjacent faces of the paper strips together, secures the metallic core-stiffening strip interposed between them against displacement. The action of the feed-rolls employed to draw the long crimper-strips through the braiding-machine presses the paper strips together and embeds the stiffening-strips in them, as shown in Fig. 3 of the drawings.

I do not broadly claim a hair-crimper having a continuously-cemented braided covering. Nor do I broadly claim a crimper having a paper core; but

What I do claim, and desire to secure by Letters Patent, is—

1. A hair-crimper having a core composed of strips or leaves of paper cemented together throughout their length and a core-stiffening strip for retaining the paper core in its bent positions, substantially as set forth.

2. A hair-crimper having a paper core, a core-stiffening strip for retaining the paper core in its bent positions, and a braided covering continuously cemented to the paper core, substantially as set forth.

3. A hair-crimper composed of two strips of paper having their adjacent faces cemented together throughout their length and a me-

tallic core-stiffening strip located between them, substantially as set forth.

4. A hair-crimper having a core composed of two strips of paper cemented together, a
5 metallic core-stiffening strip located between them, and a braided covering continuously cemented to the paper core, substantially as set forth.

5. A hair-crimper having a core composed
10 of two strips of paper having their adjacent faces cemented together, a flexible non-elastic

metallic core-stiffening strip located between them, and a braided covering continuously cemented to the paper core, substantially as set forth.

In testimony whereof I have signed this
specification in the presence of two subscrib-
ing witnesses.

GILBERT H. BLAKESLEY.

Witnesses:

THEO. D. MERRIMAN,
EDWARD W. MERRIMAN.