

A. A. WEST.
HAIR CURLER.

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944,226.

Patented Dec. 21, 1909.

Fig. 1.

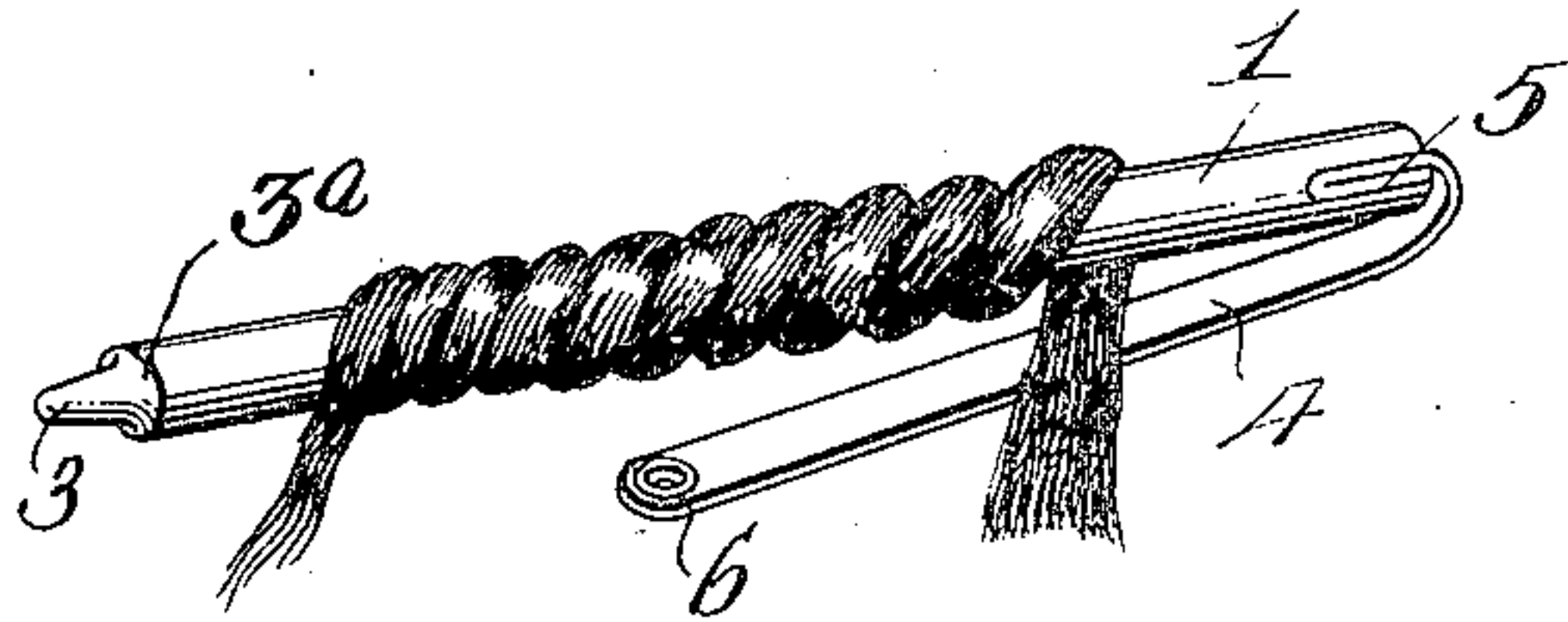
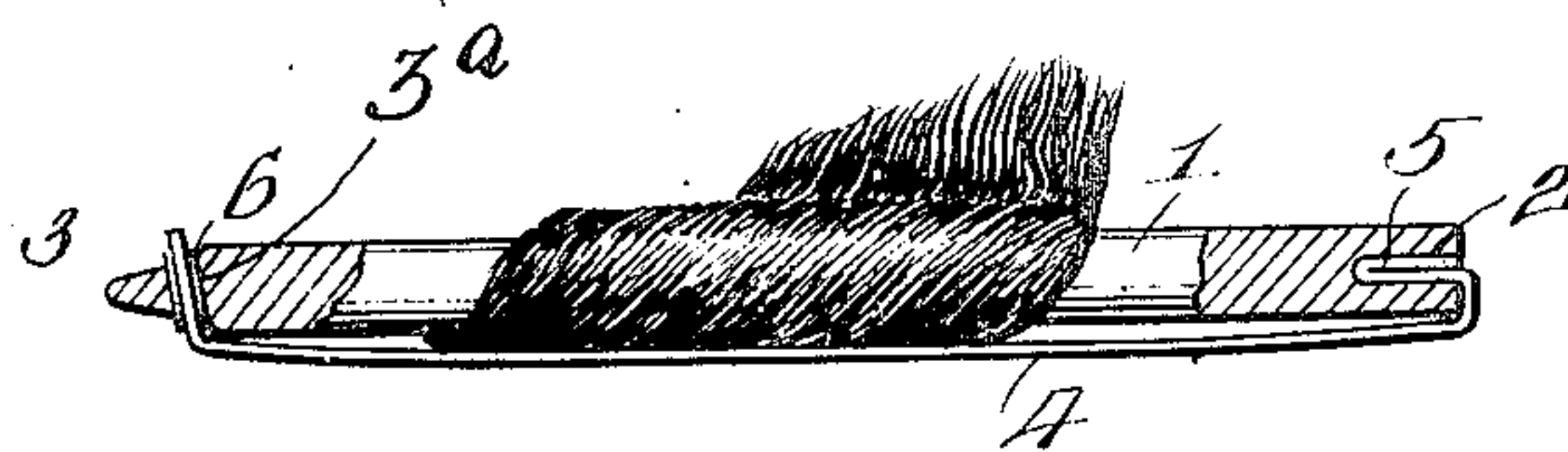


Fig. 2.



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AUGUSTUS A. WEST, OF BROOKLYN, NEW YORK, ASSIGNOR TO WEST ELECTRIC HAIR CURLER COMPANY, OF PHILADELPHIA, PENNSYLVANIA, A CORPORATION OF NEW YORK.

HAIR-CURLER.

944,226.

Specification of Letters Patent.

Patented Dec. 21, 1909.

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To all whom it may concern:

Be it known that I, AUGUSTUS A. WEST, a citizen of the United States of America, residing at Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Hair-Curlers, of which the following is a specification.

This invention relates to hair curlers, and one of the principal objects of the same is to provide a simple efficient, inexpensive, non-metallic hair curler which does not require the use of heat and which can be quickly used to form any of the styles of waves in the hair, or to curl the same.

Another object of the invention is to provide a hair curler to be made of wood or some other non-metallic substance, and to provide a rubber band securely fastened at one end to one end of the curler and provided at its other end with an eyelet or eye for engaging a tapered point and resting against an inclined shoulder at the opposite end of the curler to hold the hair connected to the curler when wound about the same, and whereby the band is relieved from excess strain and the eyelet prevented from tearing out.

These and other objects may be attained by means of the construction illustrated in the accompanying drawing, in which:

Figure 1 is a perspective view of a hair curler made in accordance with my invention, and showing a lock of hair twisted and wound spirally about the curler for forming waves in the hair. Fig. 2 is a side view and partial section of the curler showing a lock of hair wound about the curler in the manner required for curling the hair, and the elastic tape being engaged with the curler to hold the hair thereon.

Referring to the drawing for a more particular description of my invention, the numeral 1 designates the body of the curler, comprising an elongated slender stem preferably formed of wood, horn, bone or some other non-metallic material. In one end of the stem 1 a longitudinal transverse slot or kerf 2 of uniform width and depth is formed, while the other end of the stem is reduced to provide a tapered point or projection 3 and is formed at its point of intersection with said projection with an oblique or inclined shoulder 3^a, inclined in a direc-

tion at right angles to the transverse plane of the slot 2. An elastic tape 4 is secured at one end in the slot or kerf 2, as clearly shown in Fig. 2, by doubling the tape flatly upon itself, as at 5, and inserting it in said slot or kerf, in which it is held by friction and suitable adhesive material. The tape when contracted or not under tension is of less length than the stem, and is provided at its free end with an inserted metallic eye or eyelet 6 adapted to engage the tapered point or projection 3 and to rest against the inclined or oblique shoulder 3^a.

By means of a curler made in accordance with my invention, various kinds of waves may be formed in the hair by twisting the hair into a rope or strand and winding it spirally upon the curler, after which the elastic member 4 is drawn tightly over the hair and the eye 6 is engaged with the projection 3, or an ordinary curl may be formed in the hair by merely winding it around the body portion of the curler and securing the elastic member in the same manner as heretofore described.

It will be understood that the form of the point or projection 3 permits the eyelet 6 at the free end of the tape to be engaged therewith with ease and facility, even when the curler is disposed at an inconvenient point in the hair. When the elastic tape is stretched and placed under tension and the eyelet is engaged with the tapered projection, it will be understood that the tape at its point of connection with the eyelet is placed under considerable strain, and that, if the eye when engaged with the projection were arranged at right angles to the stem, the sharp bend or angle formed in the tape at the point of intersection of the latter therewith would render the tape liable to tear away from the eyelet and thus free the latter, and practically render the device inoperative for further use. This objection is overcome by making the shoulder or seat 3^a against which the eyelet bears inclined or obliquely arranged, so that the eyelet when engaged therewith will lie at a corresponding angle to the stem, thus reducing the angle of bend required to be assumed by the remaining portion of the tape, and, consequently, the amount of strain falling upon the tape at such point. Hence, frequent and

lengthy use of the curler will not weaken or cause dislocation of the eyelet. By also disposing the inclined seat or shoulder so that it inclines in a direction at a right angle to the transverse plane of the slot 2, the amount of strain upon the doubled end 5 of the elastic tape from the stretching of the latter in use is reduced, thus decreasing to a material extent liability of the fastened end of the tape pulling out from the slot under strain in use.

From the foregoing it will be obvious that a hair curler made in accordance with my invention does not require the use of heat, has no sharp edges, points, or knobs to catch the hair when removing the curler; is complete with no detachable parts to become lost; that the tape may be secured to the point upon either side of the curler; is light in weight; will not rust; is durable, sanitary, simple and inexpensive.

While I have described and prefer to use some suitable non-metallic substance or material for the body portion of my curler, I wish to have it understood that tubes of brass or aluminum may be used and will serve the purpose well.

Having thus described the invention, what I claim is:

A hair curler comprising an elongated slender stem reduced at one end to form a tapering projection and an oblique shoulder at the point of junction of said projection with the stem, the latter being formed at its opposite end with a longitudinal slot of uniform width and depth and extending transversely through the stem in a direction at right angles to the direction of extension of the oblique shoulder, a flat elastic tape of less length than the stem, said tape being doubled or folded upon itself at one end and frictionally fitted and secured by adhesive material in said slot, and an eyelet upon the free end of the tape adapted when said tape is stretched to engage said tapered projection and seat at an angle against said shoulder, substantially as described.

In testimony whereof, I affix my signature in presence of two witnesses.

AUGUSTUS A. WEST.

Witnesses:

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