

No. 641,137.

Patented Jan. 9, 1900.

H. NATHAN.
HAIR PIN.

(Application filed Apr. 27, 1899.)

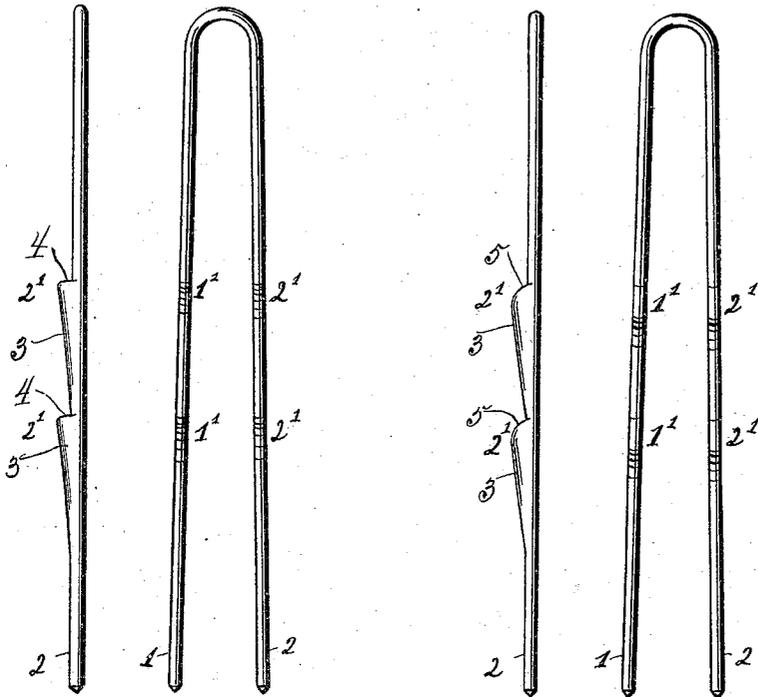
(No Model.)

Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.



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UNITED STATES PATENT OFFICE.

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HAIR-PIN.

SPECIFICATION forming part of Letters Patent No. 641,137, dated January 9, 1900.

Application filed April 27, 1899. Serial No. 714,713. (No model.)

To all whom it may concern:

Be it known that I, HARRY NATHAN, a citizen of the United States, residing at New York, borough of Manhattan, in the county and State of New York, have invented new and useful Improvements in Hair-Pins, of which the following is a specification.

By means of this invention a hair-pin is obtained which can be readily passed into place, but which is not liable to fall out or accidentally come out of place.

The invention is set forth in the following specification and claim and illustrated in the annexed drawings, in which—

Figure 1 is a side elevation of a hair-pin embodying this invention. Fig. 2 is a front or top elevation of Fig. 1. Figs. 3 and 4 show a modification.

The shanks 1 and 2 of this hair-pin are both provided with shoulders 1' and 2', respectively, and the shanks are seen to be somewhat flattened at these shoulder portions.

In the drawings are shown two projections or shoulders 1' or 2' on each tine or shank, but of course this number can be varied. The projections are located at intermediate portions of the tines, the end portions of the tines both at the free ends or points, as at the ball or closed part, being left smooth or unshouldered or of ordinary shape. The projections or shoulders can be readily formed by flattening and shaping the intermediate or shoulder portions of the tines or branches, the stock being preferably of such thickness at intermediate portions that after the flattening sufficient thickness remains to prevent the tines from bending or springing too easily at such flattened or intermediate parts. The shoulders are inclined, as shown at 3, from the point or free ends of the tines backward toward the bail or bow, while the catch or shoulder parts or faces back of said inclines are more or less abrupt.

In Fig. 1 is shown a hair-pin adapted for thin or fluffy hair, the back or catch-faces 4 of the shoulders approaching near to a right angle.

In Fig. 3 the catch-faces 5 are somewhat

more inclined forward or away from a right angle than in Fig. 1, the device of Fig. 3 being adapted for thicker or coarser hair.

Of course the catch-face of the shoulder should not be absolutely at right angles nor undercut, as thereby the hair-pin would be prevented from being withdrawn or the hair would be pulled during withdrawal of the pin. The inclined or front faces of the shoulders of course allow the pin to readily pass into place.

The invention is applicable not only to hair-pins, but to other articles, as combs, hat-pins, and the like. It may also be noted that the shoulders by being made higher or lower may be adapted for securing a satisfactory hold in thinner or coarser hair. The body of the teeth or tines 1 and 2 of the pin or article can be of any suitable cross-section, as circular or otherwise. The ordinary wire used for the manufacture of hair-pins can be employed for carrying out this invention, said wire being generally round or circular in cross-section. In place of having shoulders only on the top of the tines or shanks lateral shoulders could also be provided in such articles as hat-pins which are liable to be rotated.

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

A hair-pin having its tines or branches provided with lateral projections on one side only thereof, the surfaces of each of said tines opposite each other and behind said projections being smooth or unobstructed throughout, the said projections being formed with inclined or converging outer edges and with rounded catch-faces no parts of which extend above the point of intersection of said faces with the tines or branches, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

HARRY NATHAN.

Witnesses:

WM. C. HAUFF,

E. F. KASTENHUBER.