(No Model.)

J. T. LARKIN.

SPIRAL HAIR OR OTHER PIN.

No. 482,257. Patented Sept. 6, 1892.

Fig. 1.

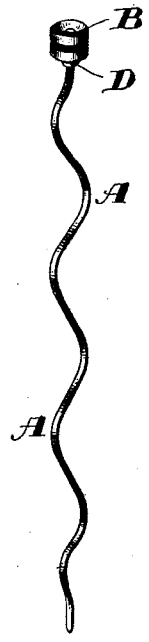
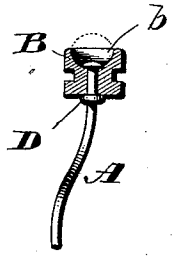


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN THOMAS LARKIN, OF HALIFAX, CANADA.

SPIRAL HAIR OR OTHER PIN.

SPECIFICATION forming part of Letters Patent No. 482,257, dated September 6, 1892.

Application filed February 15, 1892. Serial No. 421,593. (No model.)

To all whom it may concern:

Be it known that I, JOHN THOMAS LARKIN, a subject of the Queen of Great Britain, residing at Halifax, in the Province of Nova Scotia and Dominion of Canada, have invented certain new and useful Improvements in Spiral Hair or other Pins; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in that class of pins which are adapted for use as hair, broach, hat, scarf, or shawl pins, and the like.

The invention has for its immediate object to provide a pin of the character mentioned which may be readily inserted and which will securely retain its place and will not be liable to accidental displacement, thus greatly diminishing the danger of loss of the pin either from accident or theft. I accomplish these objects by the peculiar construction of the pin and by the novel form and arrangement of the head of the pin, all as hereinafter described, shown in the accompanying drawings, described in the following specification, and then specifically defined in the appended claim.

The invention is clearly shown in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, in which—

Figure 1 is a perspective view of a pin embodying my improvements. Fig. 2 is a central vertical section through the head of the pin.

Reference now being had to the details of the drawings by letter, A designates the shank or body portion of the pin, which may be constructed of wire of any suitable or desired size. The said body portion of the pin is made of a spiral or helical form, excepting the point end of the pin, which is straight for about one-half inch, as shown.

The head B may be of any desired form, and may be jeweled or otherwise ornamented, as is common in pins of the class described. The head B is provided with a central vertical opening, through which is passed the upper end of the shank or body portion of the pin. The upper end of the head B may be provided with a depression, as shown at *b* in Fig. 2 of the drawings, within which depression or recess the extreme upper end of the body portion of the pin is headed, or, if preferred, the end of the body portion which extends above the pin-head may be provided with an annular collar, which will serve to prevent the head from being pulled off from the body portion, and yet will permit the head to be rotated freely thereon, while a projection or collar D upon the body portion beneath the head serves to limit the downward movement of the said head. It should be understood that in all cases it is necessary that the distance between the collar or headed portion at the upper end of the body portion of the pin and the collar D should be sufficient to permit a free rotary movement of the head of the pin.

It will be readily seen that in use the pin may be easily and quickly inserted by holding the head of the pin firmly between the thumb and finger, while imparting force to the pin in the direction in which it is to be inserted, and that it may be as readily withdrawn by grasping the head firmly and imparting to the pin an outward movement. The head being loosely sleeved upon the shank the rotary movement which will be imparted to the said shank or body portion either in inserting or removing the pin will serve to insure the free movement of the pin, while the spiral form will serve to securely retain the pin in place until it is desired to remove it.

Pins constructed in accordance with my invention will be found to possess many advantages over jewelry-pins of ordinary construction, and they will be found to be equally well adapted for any of the uses to which such pins are subjected. The only change in the form of the pin which will be found to be necessary in order to adapt it to the different uses consists in changing the pitch of the helix or spiral—as, for instance, where the pin is to be used as a hair-pin the pitch of the helix

will be less than would be required if the pin were used upon a broach, hat, or scraf pin.

Having thus described my invention, what I claim to be new, and desire to secure by Letters Patent, is—

A hair or jewelry pin consisting of a body portion of helical or spiral form and provided with a swiveled or rotatable head, substantially as described, and for the purpose specified.

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

JOHN THOMAS LARKIN.

Witnesses:

WILLIAM A. HENRY,

J. W. BANFIELD.