

A. FREDERIKSEN.
SAFETY HAIR PIN.
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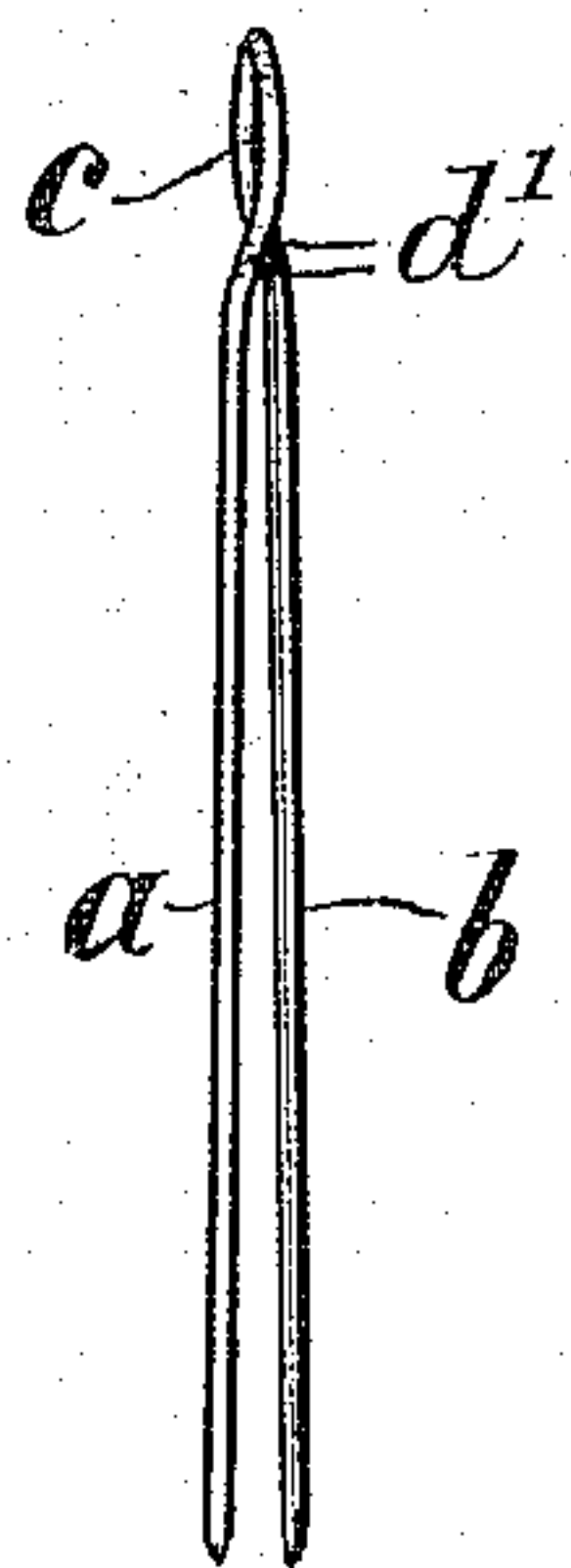
994,917.

Patented June 13, 1911.

Fig. 1



Fig. 2



Witnesses
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UNITED STATES PATENT OFFICE.

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SAFETY HAIR-PIN.

994,917.

Specification of Letters Patent. Patented June 13, 1911.

Application filed January 14, 1910. Serial No. 538,063.

To all whom it may concern:

Be it known that I, ANTON FREDERIKSEN, a citizen of Denmark, and residing at Brandesallé 1, Copenhagen, Denmark, have invented new and useful Improvements in Safety Hair-Pins, of which the following is a specification.

This invention relates to improvements in safety or self retaining hair pins and may be embodied in a one piece form of pin.

One of the principal objects of the invention is to provide a safety or self retaining hair pin shaped so that when it is inserted in the hair it will embrace a portion thereof in such a manner as to prevent self or accidental displacement from the coiffure, and which will, when grasped for removal, permit of the pin being readily withdrawn from the coiffure without entangling or pulling the hair.

The invention will be more fully described in connection with the accompanying drawings and will be more particularly pointed out and ascertained in and by the appended claim.

In the drawing:—Figure 1 is a view in side elevation of a safety or self retaining hair pin showing one embodiment of my invention. Fig. 2 is an edge view thereof.

Like characters of reference designate similar parts throughout the different figures of the drawing.

As shown in the accompanying drawing, the hair pin according to one embodiment of my invention, comprises a loop *c* provided with extensions or branch members *a* and *b*. The loop *c* is preferably not a complete circle and the material is bent at *d* so that the loop *c* is in the form of an oblong eye. Preferably the branch members *a*, *b*, are disposed in parallel relation with each other and the bend at *d* forms engaging means or portions preventing the pin from becoming accidentally withdrawn from the hair embraced thereby. As will be seen from the drawing the branch members *a* and *b* extending from the loop *c* are spaced apart from each other throughout their length and the bent portions *d* are also

spaced apart from each other so as to leave a free space throughout the length of the pin for facilitating the insertion and withdrawal thereof from the coiffure.

By reference to Fig. 2 it will be noted that the base of the looped portions are also bent at *d'* to occupy a plane laterally of the plane of the loop. It will thus be seen that the bent portions *d* are in the plane of the loop and the bent portions *d'* are laterally disposed with respect to the plane of the loop thereby providing a two part bent portion at the base of the loop. The function of the double bends is to cause the bent portion in one plane to supplement the action of and coöperate with the bent portion of the other plane to prevent accidental withdrawal of the pin from the coiffure. It will also be noted that there are no sharp angles and that injury to the hair resulting from crinkling of the branch portions, as in prior hair pins, is entirely avoided.

By reason of the double bent portions *d* and *d'* the branch members *a* and *b* not only occupy planes laterally disposed with respect to the plane of the loop or eye *c* but said branches *a* and *b* are laterally disposed with respect to each other.

I claim.—

A self retaining hair pin comprising a loop having its base portions bent inwardly toward each other and in the plane of the loop, one of said base portions being also bent laterally to one side of the plane of the loop and the other base portion being also bent laterally of the plane of the loop to the opposite side thereof, and branch members extending downwardly from said oppositely bent base portions, said branch members and bends being maintained throughout their extent out of contact with each other.

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

ANTON FREDERIKSEN.

Witnesses:

HANS PEDERSEN,
CARL KROGH.