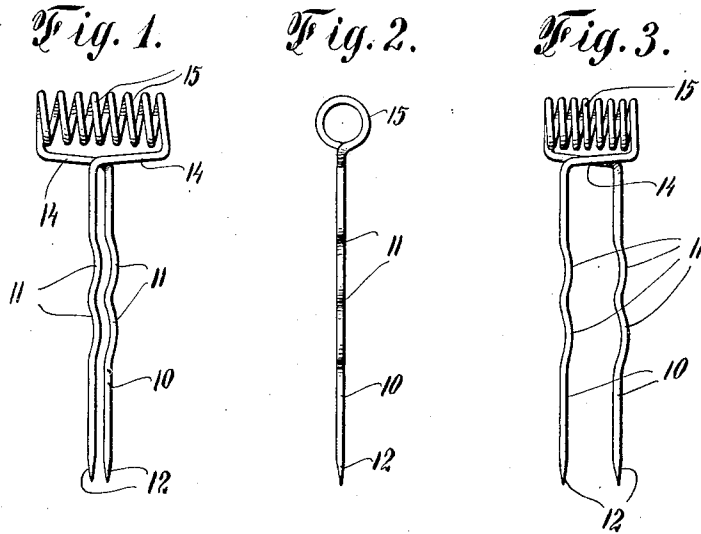


I. N. ZELLER.
HAIRPIN.

APPLICATION FILED APR. 29, 1919.

1,389,924.

Patented Sept. 6, 1921.



Inventor
Isaiah N. Zeller
By his Attorney
William E. Richards

UNITED STATES PATENT OFFICE.

ISAIAH N. ZELLER, OF CHICAGO, ILLINOIS.

HAIRPIN.

1,389,924.

Specification of Letters Patent.

Patented Sept. 6, 1921.

Application filed April 29, 1919. Serial No. 293,455.

To all whom it may concern:

Be it known that I, ISAIAH N. ZELLER, a citizen of Austria, residing at Chicago, county of Cook and State of Illinois, have invented certain new and useful Improvements in Hairpins, of which the following is a specification.

This invention relates to improvements in articles of personal wear or adornment, such as are used by a person having long hair in order to maintain the same in an adjusted position.

The principal object of the invention is to provide a hair pin of novel design and construction, which may be inserted and used in the hair and is specially formed and adapted so that it will hold the hair firmly in place, and which may be removed from the hair without difficulty or damage, but which is not liable to become accidentally displaced.

A further object is to provide a hair pin comprising a pair of pliable extending elements with a resilient connection which upon being pressed releases the prongs in engagement with the hair.

These and other like objects, which will become more fully apparent as the disclosure progresses, are attained by the novel construction and arrangement of parts hereinafter described and shown in the accompanying drawings forming a material part of the disclosure, and in which:—

Figure 1 is a front elevational view showing one form of the hair pin in a closed or operative position;

Fig. 2 is a side elevational view of the same;

Fig. 3 is a front view of the same pin shown in an open or expanded position.

In the form of pin shown in Figs. 1 to 3 inclusive, a pair of spring prongs 10, are formed with undulations 11, and relatively sharp points 12, so that the prongs are adapted to easily engage with the hair and be held therein.

These prongs, at their upper ends are bent horizontally toward one another, forming angular arms 14 each of which extends laterally beyond the opposed prong, and is then turned upward, merging into the terminals of a spirally wound compression spring 15, the effect of the spring being to retain the prong elements 10 relatively closely together under normal conditions.

When it is desired to remove the pins from the hair, the end elements of the spring 15 are grasped between the thumb and finger, and force applied in order to close the convolutions of the spring together, whereupon the prongs 10 are caused to separate, releasing the hair in an obvious manner. With this construction the prongs are maintained in parallel relation to each other irrespective of the distance which they are separated, providing an even grip on the hair throughout the length of the prongs.

From the foregoing it will be seen that neat and effective devices for securing the hair in position have been disclosed, and that the same are provided with means whereby they are easily releasable at any desired time, without entangling or tearing the hair.

Also that when in use the pins are capable of holding the hair in an adjusted position, due to the constant strain of the spring elements upon the prongs which are formed integrally therewith.

Having thus described my invention, and set forth the manner of its construction, what I claim as new, and desire to secure by Letters Patent is:—

1. A hair pin comprising prongs extending adjacent one another, said prongs at their inner ends having angularly extending portions crossing one another, and a compression spring disposed between and uniting at its ends with the opposed ends of said angularly extending portions, and adapted to separate the said prongs by pressure on the ends thereof, said prongs being adapted to maintain their fixed angular relation irrespective of the distance to which they are separated.

2. A hair pin comprising prongs extending adjacent one another, said prongs at their inner ends having angularly extending portions crossing one another, and a compressing spring disposed between and uniting at its ends with the opposed ends of said angularly extending portions, and adapted to separate the said prongs by pressure on the ends thereof, said compression spring being in the form of a helix having its axis substantially at right angles to the said prongs and being axially compressible to operate as set forth.

3. A hair pin comprising prongs extending adjacent one another, resilient means

pressing said prongs toward one another and adapted for manual operation to separate said prongs, said prongs being adapted to maintain their fixed angular relation to each other irrespective of the distance to which they are separated.

In testimony whereof, I have signed my

name to this specification in the presence of the subscribing witness, this 4th day of March, 1919.

ISAIAH N. ZELLER.

Witness:

M. A. KIDDIE.