

No. 756,426.

PATENTED APR. 5, 1904.

H. STIER.

HAIR PIN.

APPLICATION FILED JUNE 22, 1903.

NO MODEL.

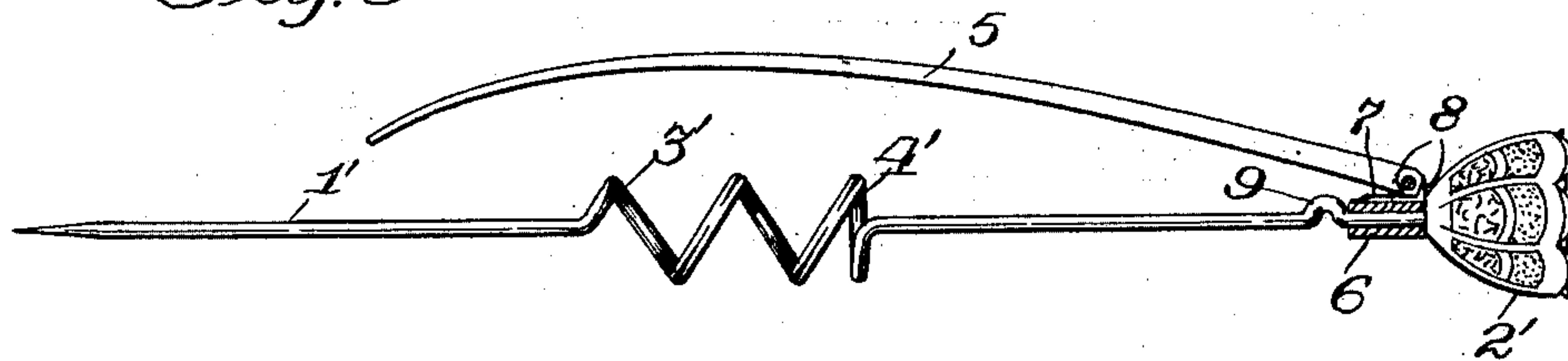
*Fig. 1*



*Fig. 2*



*Fig. 3*



Witnesses;  
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# UNITED STATES PATENT OFFICE.

HENRY STIER, OF ALLEGHENY, PENNSYLVANIA.

## HAIR-PIN.

SPECIFICATION forming part of Letters Patent No. 756,426, dated April 5, 1904.

Application filed June 22, 1903. Serial No. 162,558. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY STIER, a citizen of the United States, residing at Allegheny, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Hair-Pins, of which improvement the following is a specification.

This invention relates to certain new and useful improvements in hair-pins, and relates more particularly to a pin to be used in securing hair or an ornamentation to the hair.

The object of this invention is to provide a pin whereby any hat or ornamentation may be secured to the hair in such a manner that the same may not become accidentally disengaged from the hair.

With the above and other objects in view the invention resides in the novel construction of the parts, which will be herein more fully described, and specifically pointed out in the claim.

In describing the invention in detail reference will be had to the accompanying drawings, forming a part of this specification, in which like reference-numerals designate like parts throughout the several views, in which—

Figure 1 is a plan view of my improved pin. Fig. 2 is a partial side elevation of Fig. 1, and Fig. 3 is a view showing the ornamentation secured directly on the pin.

The reference-numeral 1 indicates the main portion of the pin, and a head 2, which may be of any desirable shape or form, is provided on one end thereof. Intermediate the length of the portion 1 the same is bent or formed in a spiral 3, the outer end of the part 4 nearest the head being formed semicircular and at a substantial right angle to the portion 1, this being for the purpose of preventing the displacement of the pin until such time as the same is revolved. It will be readily seen that were the entire length of the bent portion formed on a spiral the pulling or "working" out of the same would be possible, while by making the last turn or portion thereof at

right angles to the shank 1 the same would catch in the hair and be held thereby. In inserting the pin it would be necessary to revolve the same; but when once in place the accidental displacement of said pin would be prevented.

In Fig. 3 the portion 1' has the head 2' secured thereon, and the part 5, which is hinged to the sleeve 6, is held in one of its two positions by the spring 7 acting against the squared portions 8 8 of the part 5. The spiral 3' and right-angular semicircular portion 4' perform the same functions as described in connection with the first-described arrangement; but the part 5 is adapted to be closed down over the hair or hat after the pin has been placed in position. An offset 9 in the part 1' holds the sleeve 6 in place and at the same time permits the rotation of the same. The part 5 may have any desired ornamentation on its face and may be of any desired form.

While I have herein shown and described my invention in detail, it will be obvious that various slight changes may be made in the angle of the spiral, ornamentation, and arrangement without departing from the general spirit of my invention.

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

In a pin, the combination of a pin-shank, said shank having a spiral terminating in a semicircular part formed at right angles to said shank near its head and an ornamental, spring-pressed keeper rotatably mounted on said shank near its head, substantially as described.

In testimony whereof I have hereunto signed my name in the presence of two subscribing witnesses.

HENRY STIER.

In presence of—

JOHN GROETZINGER,  
H. J. LEVIS,