

No. 624,109.

Patented May 2, 1899.

H. SHOURT.
HAT FASTENER.

(Application filed Aug. 13, 1898.)

(No Model.)

Fig. 1.

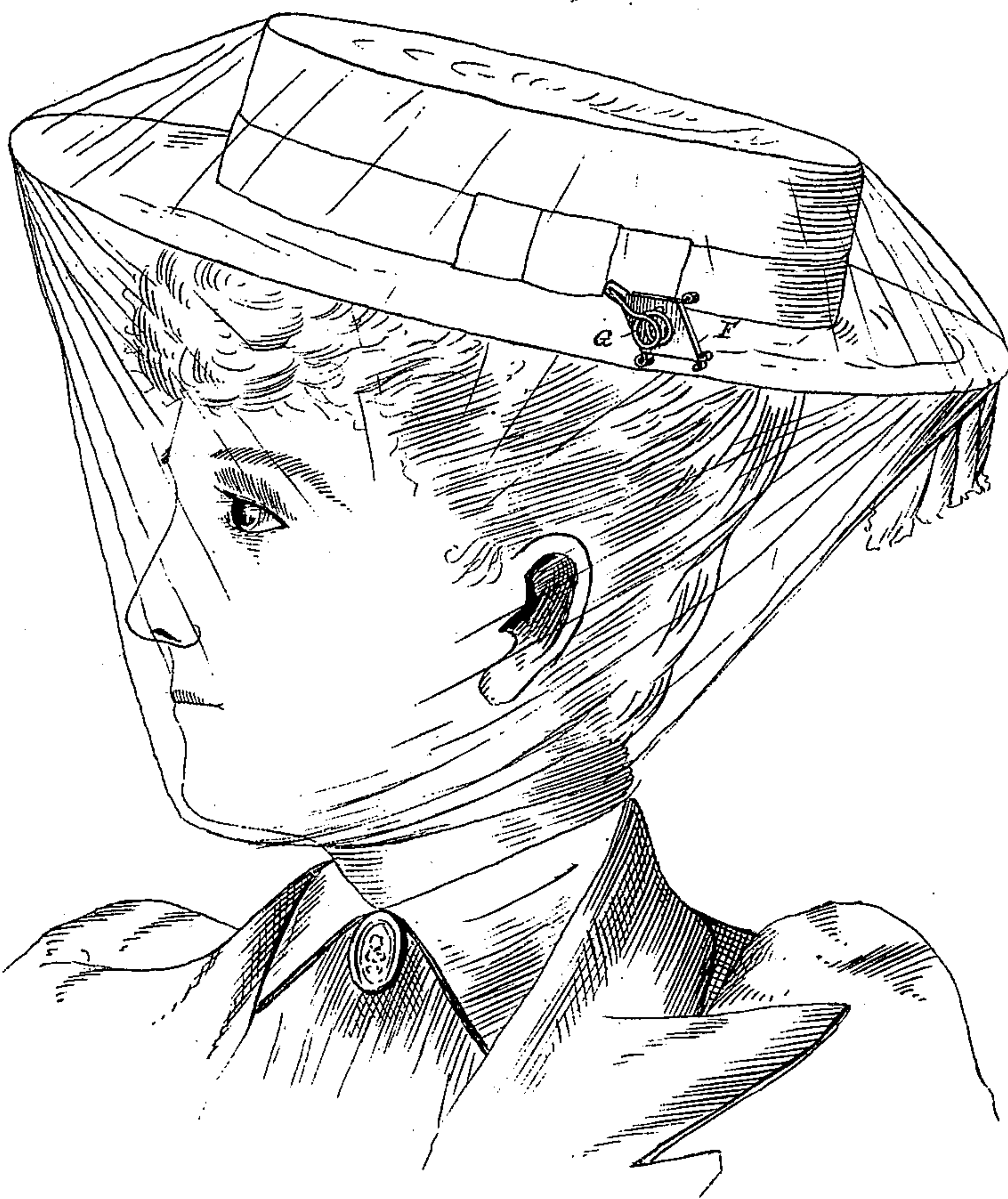


Fig. 2.

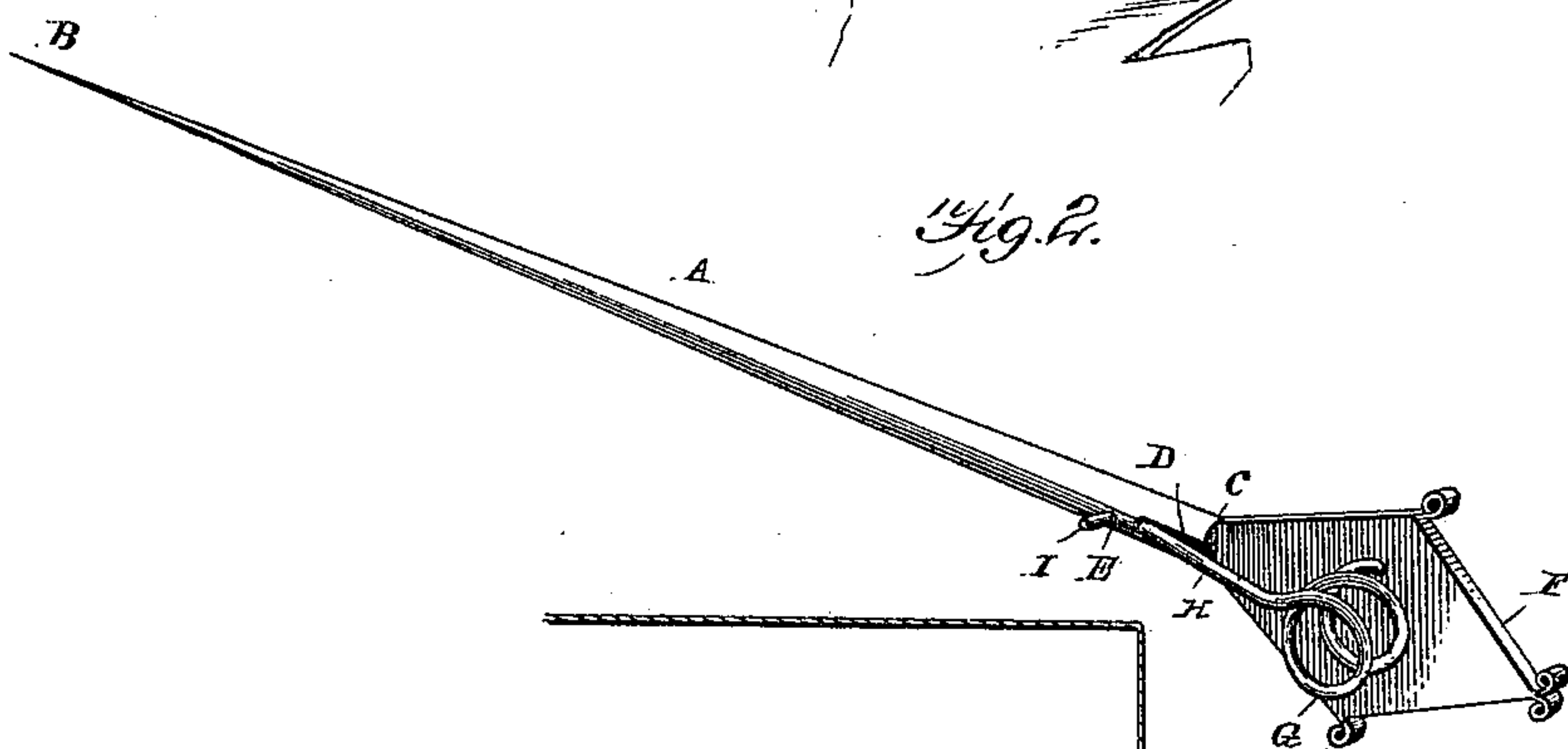
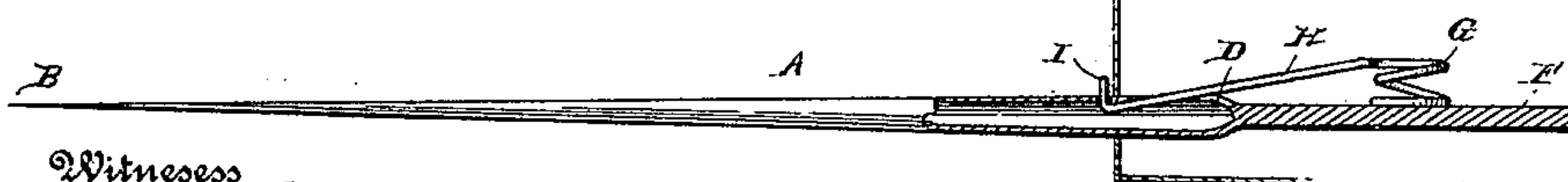


Fig. 3.



Witnesses

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HENRY SHOURT, OF MYERS, FLORIDA.

HAT-FASTENER.

SPECIFICATION forming part of Letters Patent No. 624,109, dated May 2, 1899.

Application filed August 13, 1898. Serial No. 688,476. (No model.)

To all whom it may concern:

Be it known that I, HENRY SHOURT, residing at Myers, in the county of Lee and State of Florida, have invented a new and useful Locking Hat-Pin, of which the following is a specification.

My invention relates to pins for securing ladies' hats to their heads, and has for its object to furnish a hat-pin which when properly inserted and adjusted will securely lock itself in place against any liability of being accidentally displaced, the locking mechanism being such as to prevent the pin from being withdrawn without unlocking.

With this object in view my invention consists in a pin constructed at its rear end in tubular form and provided with mechanism adapted to be operated through an opening in the side of said tube for the purpose of locking the pin in place.

My invention further consists in a hat-pin of tubular form at its rear end provided with an opening in one side and having a coil-spring with one of its ends extending into the tube and adapted to project through said opening.

My invention further consists in a hat-pin of tubular form provided with a flat plate at its outer end and a small opening through the tubular body on one side, a coil-spring being attached to the flat plate and having one of its ends bent into hook form projecting into the end of the tubular body of the pin and adapted to be projected through the opening on the side of the pin by the force of the spring.

My invention further consists in the improved construction, arrangement, and combination of parts hereinafter fully described and afterward specifically pointed out in the claims.

In order to enable others skilled in the art to which my invention most nearly appertains to make and use the same, I will now proceed to describe its construction and operation, having reference to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a view illustrating the practical operation of my invention. Fig. 2 is a perspective view of my improved locking hat-pin. Fig. 3 is a view of the same in side ele-

vation, partly in section, showing a portion of the hat, through one side of which the point is projected.

Like letters of reference mark the same parts wherever they occur in the various figures of the drawings.

Referring to the drawings by letters, A is the body of a pin, which may be constructed in any desired manner and of any suitable material, said pin having a sharp point B at its inner end, formed at its outer end C of tubular shape.

D is a longitudinal slot extending a slight distance into the body of the pin from the end C, and E is a small opening through the side of the tube within and in line with the slot D.

F is a flat plate which is secured to or forms part of the main body of the pin and forms the head thereof. It may be suitably ornamented, and at a point near the center thereof of the inner end of a coil or spiral spring G is secured to said plate. The outer end of this spring is extended laterally from the spring, but longitudinally with relation to the body of the pin, forming an arm H, which at its outer end is bent to form a locking pin or tooth I. The normal position of the arm H is within the tubular body of the pin, with the locking-tooth I projecting through the opening E, the main body of the arm H projecting through the slot D.

When it is desired to apply my pin to a hat, the arm H is pressed inward against the action of the spring G, which withdraws the tooth I into the tubular body of the pin, when the pin can be forced through one side of a hat into the hair until the body is projected therein to a point beyond the projecting pin I, as shown in Fig. 3. By releasing the pressure on the arm H the force of the spring will project the pin I outward through the opening E within the hat and will securely lock the pin against being removed or withdrawn from its position without unlocking it by depressing the lever H in the same manner as it is usually depressed to force the pin in position.

The advantages attending the use of my invention will be obvious from the foregoing description. By its use a pin is made to last much longer than it would without the lock-

ing mechanism, owing to the fact that hat-pins are very often lost by the wearer. The great annoyance experienced on occasions when the pin has worked out unknown to the
5 wearer and the hat is blown off and, perhaps, ruined is entirely obviated by the use of my pin. The material of which the body of the pin and all other parts are to be made will be a matter of choice dependent upon the opinion
10 and financial ability of the wearer or manufacturer. The plate F, besides forming a foundation or support for the locking-spring, will serve as a suitable base upon which to erect any desired ornamental structure.

15 While I have illustrated and described the best means now known to me for carrying out my invention, I wish it to be understood that I do not restrict myself to the exact forms and constructions shown, but hold that any such
20 slight changes or variations as might suggest themselves to the ordinary mechanic will properly fall within the limit and scope of my invention.

Having thus fully described my invention,
25 what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. A hat-pin consisting of a tubular body, having an opening in one side thereof near the rear end, a flat plate secured to or form-

ing a part of the body and serving as a head 30 for the pin, a spiral spring having one end connected to the flat plate and the other end extended laterally into the tubular body and having an angular or bent end forming a lock-
35 ing-tooth adapted to be projected through the opening in the body of the pin from the inside, substantially as described.

2. The herein-described hat-pin, consisting of a tubular body provided at its rear end with a longitudinal slot and slightly within 40 and beyond the end of said longitudinal slot with an opening in the side, a flat plate or head secured to or forming part of the main body of the pin, and a spiral spring having one end secured to the flat head or plate and 45 the other end extending laterally forming a spring-arm and provided with an angularly-bent tooth at its inner end, said spring-arm being projected into the body of the pin through the slot, and the tooth being adapted 50 to be projected through the opening in the body of the pin from the inside, substantially as described.

HENRY SHOURT.

Witnesses:

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