No. 626,506. Patented June 6, 1899.

E. M. SLEIGHT, Dec'd.

W. H. SLEIGHT, Administrator.

SAFETY HAT PIN.

(Application filed May 19, 1897. Renewed Dec. 3, 1898.)

(No Model.)

Fig. 1

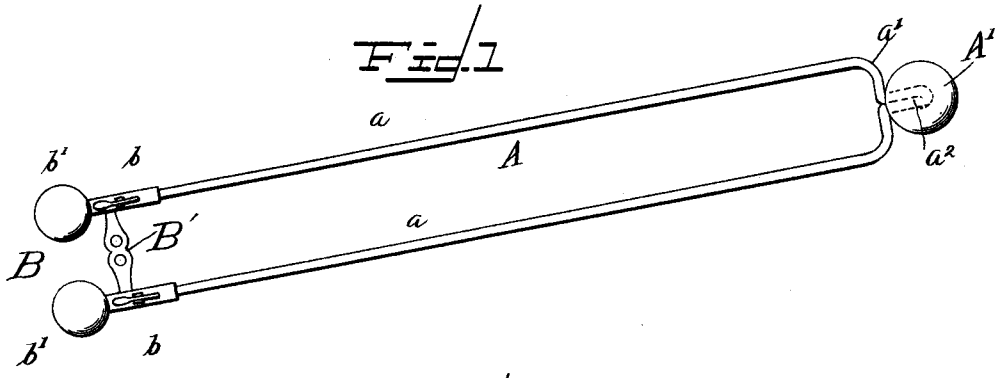


Fig. 2

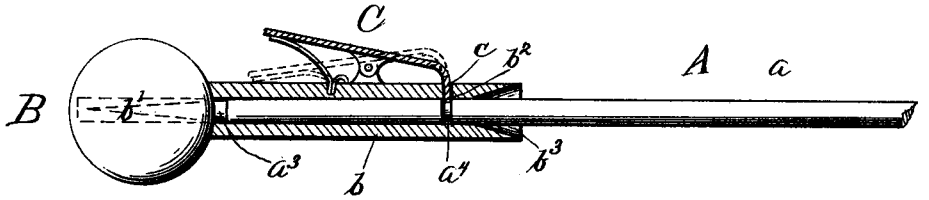
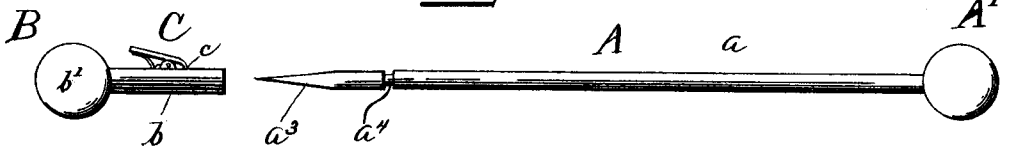


Fig. 3



WITNESSES:

A. B. Mattingly

P. McComb

INVENTOR

Elizabeth M. Sleight

BY

Clark, Deemer & Co.

ATTORNEYS

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

ELIZABETH M. SLEIGHT, OF KINGSTON, NEW YORK; WILLIAM H. SLEIGHT, ADMINISTRATOR OF SAID ELIZABETH M. SLEIGHT, DECEASED, ASSIGNOR, BY MESNE ASSIGNMENTS, TO THE SAFETY HAT PIN AND NOVELTY COMPANY, OF ALBANY, NEW YORK.

SAFETY HAT-PIN.

SPECIFICATION forming part of Letters Patent No. 626,506, dated June 6, 1899.

Application filed May 19, 1897. Renewed December 3, 1898. Serial No. 698,225. (No model.)

To all whom it may concern:

Be it known that I, ELIZABETH M. SLEIGHT, a citizen of the United States, and a resident of Kingston, in the county of Ulster and State of New York, have invented certain new and useful Improvements in Safety Hat-Pins, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which similar letters of reference indicate corresponding parts.

This invention relates to that class of safety hat-pins which are adapted to be secured in position after insertion; and it has for its object to provide a simple and improved device of this character which will be especially adapted for the safe retention of jeweled hat-pins and which will, furthermore, possess advantages in point of convenience, security, ease of operation, and general efficiency.

In the drawings, Figure 1 is a perspective view of a hat-pin embodying my improvements. Fig. 2 is a detail sectional view on a longitudinal plane of one end of the pin and the securing device. Fig. 3 is a side view illustrating a single-pronged pin embodying my improvements.

Referring to the drawings, A designates a hat-pin, which may be in the main of any suitable design or contour, but preferably is formed of a single piece of wire, embodying two prongs a a and a central end bridge a', having a bent projecting arm a^2, carrying a head A', which may be jeweled or otherwise ornamented. The ends of the prongs a are preferably pointed, as at a^3, and adjacent to said point is formed an annular circumferential groove or recess a^4.

B designates the improved securing or locking device comprised in my invention. This device embodies two parallel tubular arms b b, adapted to receive the respective pointed ends a^3 of the prongs a a. These arms are connected by a cross-piece B', which may be ornamented as desired and respectively carry heads or enlargements b'. Upon each tubular arm b is provided a pivotally-mounted spring controlling-catch C of any suitable or adapted construction, having a point or claw c, adapted to pass through a slot b^2 in the wall of the arm b into engagement with a circumferential groove a^4 at the end of the prong a. The mouth of the tubular arm b is preferably beveled, as at b^3, to facilitate the insertion of the securing device upon the end of the pin.

In Fig. 3 I have shown a single-pronged pin, the general relative construction and arrangement of the devices being the same, except that the end securing device B embodies a single tubular arm b, carrying a spring catch device C and head or enlargement b', and the connecting cross-piece B' is omitted.

It will be understood that the pin A may first be inserted into position as desired, after which the detachable securing device B may be readily and conveniently connected with the free end and locked into engagement with the pin, so that it serves to securely and safely retain the latter in position.

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

An improved safety hat-pin, comprising the prongs a, a, said prongs being pointed and provided with the exterior annular groove a^4, the central end bridge a' formed integrally therewith and the bent projecting arm a^2, the head A' fixed thereto, the detachable head B embodying the tubular arms b, b, the mouths of said arms being beveled, the knobs b' formed integrally with said tubular arms, the cross-bar B' adapted to maintain said tubular arms in parallel relation to each other, slots b^2 in each of the said tubular arms and adapted to permit the passage of the points of the spring-catch C adapted to engage the annular groove a^4 of the prongs, as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 11th day of May, 1897.

ELIZABETH M. SLEIGHT.

Witnesses:
DANIEL B. DEYO,
WILLIAM H. SLEIGHT.