

(No Model.)

A. H. CHILTON.
SAFETY PIN.

No. 579,338.

Patented Mar. 23, 1897.

Fig. 1.

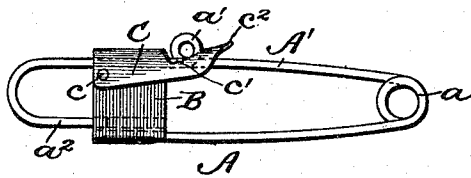


Fig. 2.

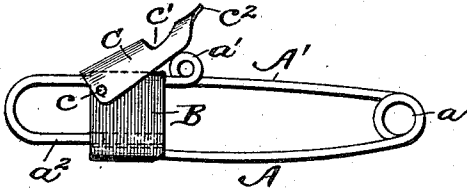


Fig. 3.

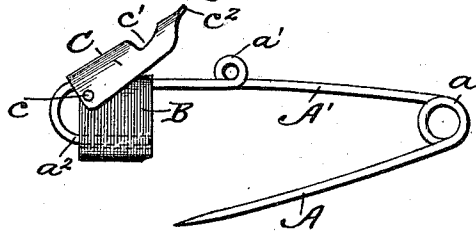
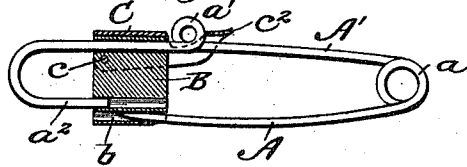


Fig. 4.



WITNESSES.

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SAFETY-PIN.

SPECIFICATION forming part of Letters Patent No. 579,338, dated March 23, 1897.

Application filed October 8, 1896; Serial No. 608,203. (No model.)

To all whom it may concern:

Be it known that I, ANNIE H. CHILTON, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Safety-Pins, of which the following is a specification.

The object of my invention is to provide a safety-pin which will remain securely fastened without danger of becoming loosened by the pressure of the fabric, and which may also be fastened and unfastened with facility and certainty even in the dark or when not in range of view.

It consists in the peculiar construction and arrangement of the parts of said safety-pin, which I will now proceed to describe with reference to the drawings, in which—

Figure 1 is a side view of the safety-pin closed. Fig. 2 is a similar view partly opened. Fig. 3 is a similar view entirely open, and Fig. 4 is a side view of the pin closed and with the locking-slide in section.

In the drawings, A A' represent the body of the pin, which is made in one piece, as usual, of spring-wire, with a coil or convolution *a* at its end. The back part A' of this pin is formed near its middle with a small turn, loop, or other projection *a'*, and the end of this back portion is bent and returned for a short distance at *a*² in parallel position to the main portion. Sliding freely on this back portion at this end and guided both by the body portion A' and the bent end *a*² there is a locking keeper or slide B, which has two holes or channels through it in parallel position to receive the parts A' and *a*². At the lower edge of the sliding keeper B there is also formed on the side next to the pin A a socket *b* to receive the point of the pin when the keeper is slipped over the same. This socket is cut away with a V-shaped entrance at its lower edge to permit the easy and certain entrance of the point of the pin, which must be moved laterally into alinement with the socket before the keeper is slipped over the same.

To the upper edge of the keeper B is pivoted at *c* a locking-latch C. This is formed of a folded piece of sheet metal embracing the upper portion of the keeper and cut away at *c'* to leave a hole to receive the projection *a'* on the body of the pin, against which the latch locks to hold the keeper up to its closed position over the pin's point. The extreme end *c*² of the latch is slightly upturned to re-

ceive the thumb-nail when it is to be lifted off the projection preparatory to sliding back the keeper and opening the pin. With this device the point of the pin is perfectly housed, and the keeper is positively locked to prevent it from being accidentally forced back by the fabric, and yet the pin is easily opened or closed when in use without even looking at it. To open it, the latch is simply raised and the keeper slid back, and to close and lock it the pin is pressed into alinement with the socket in the keeper, the latter slipped forward thereupon, and the latch then turned down upon its locking projection.

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

1. A safety-pin having a projection on its back portion, a keeper with a socket for the pin-point arranged to slide upon the extreme end, and a pivoted latch on said keeper adapted to lock over the projection on said back portion substantially as and for the purpose described.

2. A safety-pin having a projection on its back portion and its end turned around into parallel position to the back portion, a sliding keeper guided upon the said parallel portions and provided with a pin-socket, and a pivoted latch on the keeper arranged to lock over the projection on the back portion substantially as and for the purpose described.

3. A safety-pin comprising a body portion made of a single piece of spring-wire with one end bent into a spring-coil, the other into a parallel return, and its middle portion into a locking coil or loop, a sliding keeper with pin-socket sliding on the parallel ends of the body portion and provided with a pivoted locking-latch substantially as shown and described.

4. A safety-pin comprising a body portion having a locking projection, a keeper having a pin-socket and arranged to slide on the end of said body portion, and a locking-latch made of a folded piece of sheet metal embracing the keeper along its upper edge and pivoted at one end to the same, and having at the other end a locking-hole and an upturned end substantially as and for the purpose described.

ANNIE H. CHILTON.

Witnesses:

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