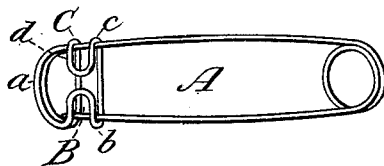


A. M. SMITH.  
Safety-Pins.

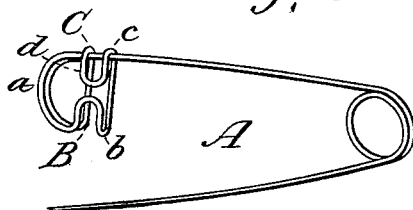
No. 218,198.

Patented Aug. 5, 1879.

*Fig. 1.*



*Fig. 2.*



*Attest:*

*Inventor.*

*John M. Leam*  
*David R. Banks*

*Albert M. Smith*

# UNITED STATES PATENT OFFICE.

ALBERT M. SMITH, OF BROOKLYN, NEW YORK.

## IMPROVEMENT IN SAFETY-PINS.

Specification forming part of Letters Patent No. **218,198**, dated August 5, 1879; application filed April 16, 1878.

*To all whom it may concern:*

Be it known that I, ALBERT M. SMITH, of the city of Brooklyn, county of Kings, and State of New York, have invented a new and Improved Safety-Pin, of which the following is an accurate description.

My invention consists in making a double guard on a safety-pin made entirely of wire, the lower portion as usual to protect the point of the pin, and the upper portion to afford a support to the lower one from the opposite side of the pin, and to protect the point and keep it from becoming unfastened when sprung up out of the lower portion in wearing, which is often the case.

A is the pin. B is the lower guard portion, and C is the upper guard portion.

Figure 1 is a side elevation; Fig. 2, a descriptive perspective view.

The pin is made of ordinary wire, and the unsharpened end of the pin is bent on a semi-circular curve, as at *a*, Fig. 2, or in any similar way to protect the point of the pin, and carried around so as to form the lower portion, B, of the guard, which is bent up in the shape of a loop, so as to protect the point of the pin on this side of it. The wire is then bent at right angles, as at *b*, so as to form a loop for the point of the pin to rest on. It is then bent up again parallel with the first loop or lower

guard portion, and extended across to the opposite side of the pin and another loop formed, which is then bent over the top of the pin or under it and carried down far enough to form the upper portion, C, of the guard, or only far enough to hold onto the pin; but generally I bend it over the top of the pin, as at *c*, in order to give an additional support to the lower guard portion, and carry it down far enough to form the guard. From this the wire is carried down to the bottom of the lower guard portion, so as to form a protection to the other side of the point of the pin. Then it is carried around parallel with and in the same shape as the other side of the pin, and the end brought against the wire, when it is bent over to form the other guard portion, as at *d*. By this it will be seen that the point of the pin is just as perfectly protected and supported as when a separate shield is put on, thereby making a much cheaper and better pin.

What I claim, and desire to secure by Letters Patent, is—

In a safety-pin made of a single piece of wire, the double guard B C, substantially as and for the purpose set forth.

ALBERT M. SMITH.

Witnesses:

JOHN MCCANN,  
DAVID R. BANKS.