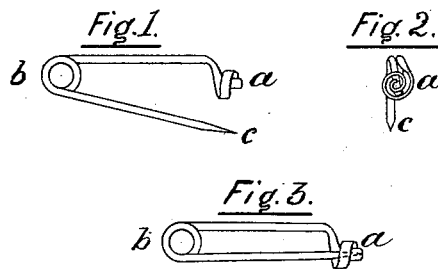


A. SHEDLOCK.  
Safety-Pins.

No. 166,481.

Patented Aug. 10, 1875.



Witnesses.

*John Shedlock*  
*William W. Pearson*

*Alfred Shedlock*  
Inventor.

# UNITED STATES PATENT OFFICE.

ALFRED SHEDLOCK, OF NEW YORK, N. Y.

## IMPROVEMENT IN SAFETY-PINS.

Specification forming part of Letters Patent No. **166,481**, dated August 10, 1875; application filed June 16, 1874.

*To all whom it may concern:*

Be it known that I, ALFRED SHEDLOCK, of the city of New York, in the county and State of New York, have invented certain Improvements in Safety-Pins, of which the following is a specification:

The pin shown in the accompanying drawings is an improvement on what are known as safety or diaper pins.

Figure 1 shows the pin opened. Fig. 2 is an end view of the same, and Fig. 3 shows the pin closed with the point within the helical shield.

The improvement consists in flattening one end of the wire and bending it round so as to form a helix, as shown at *a*. The wire is bent near the center to form the spring *b*, and the

other end *c* is pointed. After the pointed end is passed through the fabric the point *c* is passed around inside the helical shield *a* to the center thereof, as shown at Fig. 3, thereby covering the point perfectly and preventing it from getting loose.

I claim—

As a new article of manufacture, the safety-pin formed from a single piece of wire with the spring *b*, and helical shield *a*, the axis of which is in line with the pin proper, substantially as described and for the purpose set forth.

ALFRED SHEDLOCK.

Witnesses:

JOHN D. SHEDLOCK,  
WILLIAM W. PEARSON.