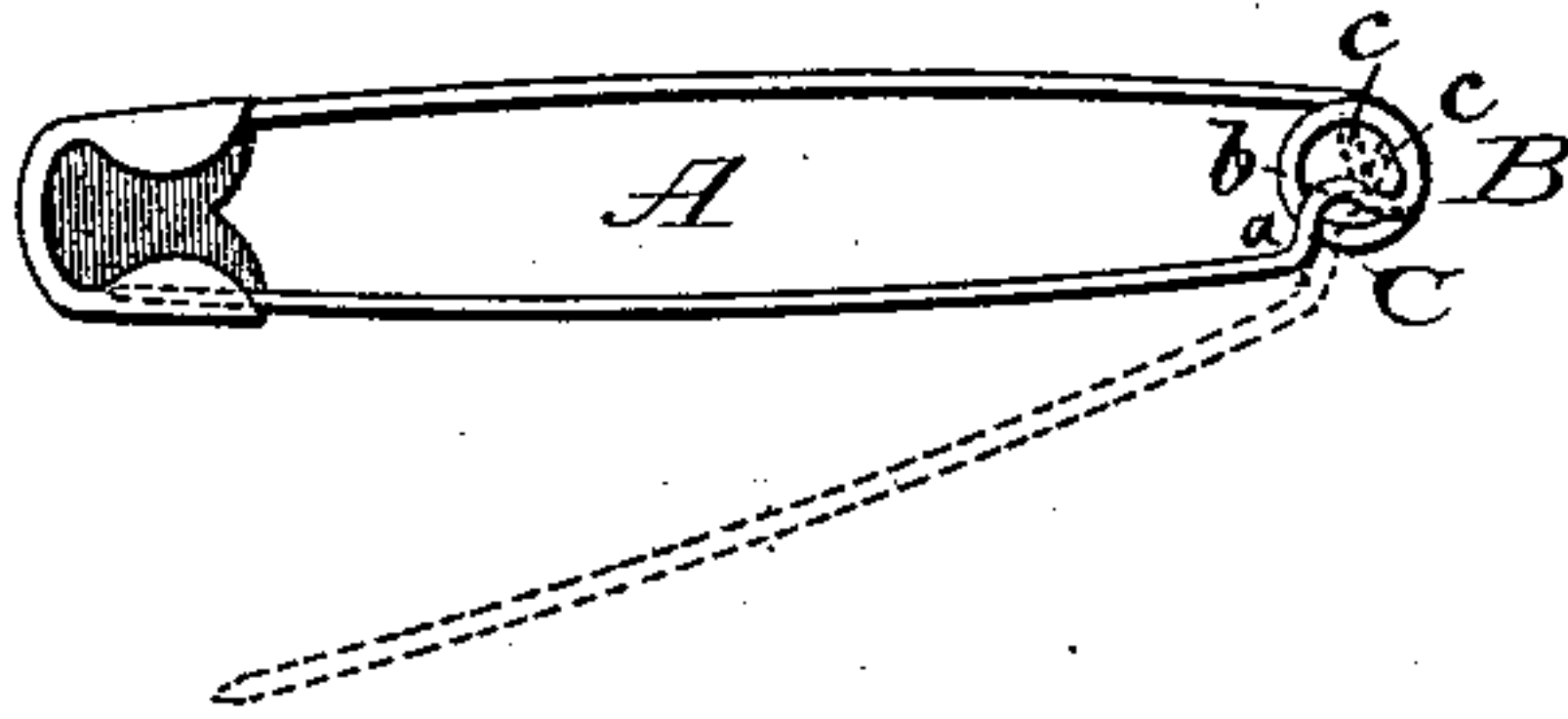


A. M. SMITH.  
Safety-Pin.

No. 226,460.

Patented April 13, 1880.



Witnesses:

George W. Hamillo  
Maggie J. Gray.

Inventor:

Albert M. Smith

# UNITED STATES PATENT OFFICE.

ALBERT M. SMITH, OF BROOKLYN, ASSIGNOR TO GEORGE P. FARMER AND  
JOEL JENKINS, OF NEW YORK, N. Y.

## SAFETY-PIN.

SPECIFICATION forming part of Letters Patent No. 226,460, dated April 13, 1880.

Application filed November 17, 1879.

*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 useful Improvement in Safety-Pins, of which the following is an accurate description.

The nature of my invention consists in providing the spring portion or coiled end of diaper, safety, or other similarly-constructed pins with a shield formed of the wire constituting the pin, and so as not to essentially injure the shape or efficiency of the spring or pin, the object being to prevent the fabric from becoming entangled in the spring by drawing up between its coils, and to retain all the strength of the pin at its base, as well as the strength and extent of the spring, so as to allow the pin to be opened sufficiently to be used with ease.

In the accompanying drawing, in which similar letters of reference indicate like parts, the figure is a front view.

A is the pin, B is the spring portion or coiled end of the pin, and C is the shield.

In order to enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

The shield C is formed adjacent to the spring portion or coil B of the pin A by bending the wire constituting the pin at this point, as at *a*, or in any similar manner, so as to form a sufficient shoulder to prevent the fabric from being drawn up against the spring and becoming entangled in it. From this point it is bent as at *b*, or as indicated by the dotted lines *c c*, or in any similar manner, so as not to impair the spring; but generally it is bent as at *b*.

Having now clearly set forth my invention, what I claim is—

A safety-pin having a coiled spring, B, provided with a shoulder, C, constructed and arranged substantially as herein described, and for the purpose set forth.

ALBERT M. SMITH.

Witnesses:

ALONZO GAUBERT,  
OLIVER ARNZEN.