

A. M. SMITH.
Safety-Pin.

No. 206,691.

Patented Aug. 6, 1878.

Fig. 1.

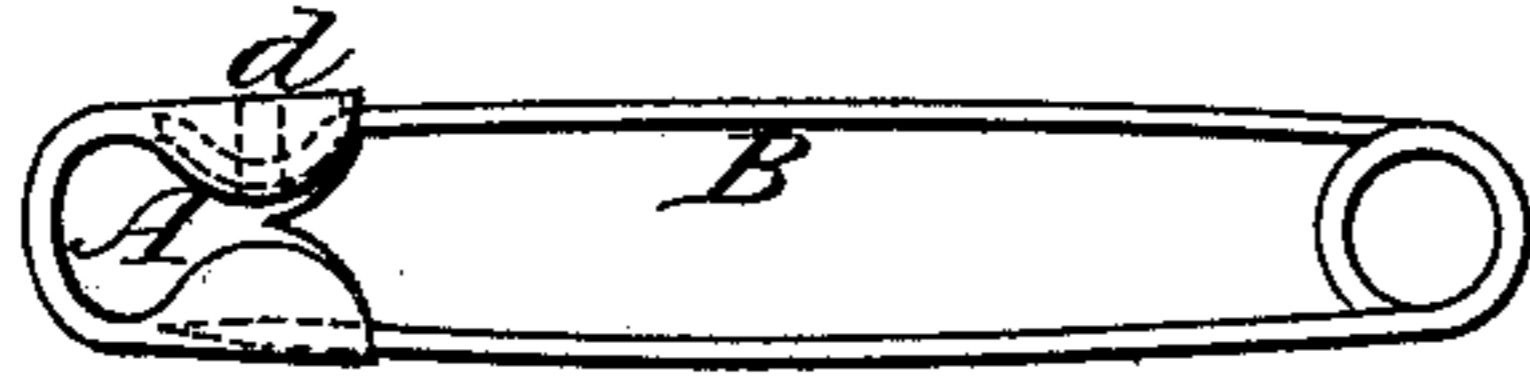


Fig. 2.



Fig. 3.



Fig. 4.



Attest:

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IMPROVEMENT IN SAFETY-PINS.

Specification forming part of Letters Patent No. **206,691**, dated August 6, 1878; application filed March 28, 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 useful Improvement in Safety-Pins, of which the following is an accurate description:

The nature of my invention consists in the method or manner of fastening the shield to the pin, the object being to avoid soldering, unnecessary use of wire, save time and expense, and produce a much better and a much neater-looking pin.

Figure 1 is a front view of the shield. Fig. 2 is a back view; Fig. 3, an inside view; Fig. 4, a view of the end of the pin the shield is fastened to.

A designates the shield, and B the pin.

The shield is made of the ordinary material and in any shape suitable for the purpose, and fastened onto the pin by making straps, one or more, as the case shall require, on the inside of the back of the shield, toward the edge, near it, or on it, so that the end of the pin can be pressed under them, and so as to have sufficient strength to keep the pin from turning or pulling out; but generally I make one, and on the back, near the edge of it, by piercing a slot in it, as at *a*, Fig. 2, separating the metal on each side, but not on the ends, and then drawing up the piece so separated as to form the strap at *a*, Fig. 3.

The wire of the end of the pin to which the

shield is fastened is flattened, and may be straight or slightly curved, or the wire may be curved without being flattened, or it may be prepared in any similar way to afford sufficient resistance to keep the pin from being turned when placed under the straps on the shield, and the flange is turned down over it. Generally I make it, as at *c*, Fig. 4, flattened and slightly curved.

The shield is put onto the pin and fastened before the flange is turned down by pressing the end of the pin described under the straps, when the strap is pressed down onto it, especially the end of it toward the flange. The flange is then turned over and pressed down onto the strap, leaving it in the desired shape, the shield being held firmly and securely fastened to the pin.

Having now clearly set forth my invention, what I claim, and desire to secure by Letters Patent, is—

In a safety-pin, the shield *A*, provided with one or more straps, *a*, and flange *d*, in combination with the pin *B*, secured to the shield by means of the said straps and flange, substantially in the manner and for the purpose set forth.

ALBERT M. SMITH.

Witnesses:

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