

(No Model.)

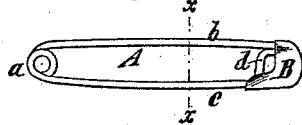
W. F. HYATT.

SAFETY PIN.

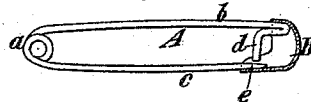
No. 301,448.

Patented July 1, 1884.

*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Witnesses*  
*James R. Bowen.*  
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*Clifford & Brown.*

# UNITED STATES PATENT OFFICE.

WILLIAM F. HYATT, OF BROOKLYN, NEW YORK.

## SAFETY-PIN.

SPECIFICATION forming part of Letters Patent No. 301,448, dated July 1, 1884.

Application filed March 21, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM F. HYATT, of Brooklyn, in Kings county, and the State of New York, have invented a certain new and useful Improvement in Safety-Pins, of which the following is a specification.

My improvement consists in the combination, with a pin comprising two limbs—one having a sharpened end and the other an unsharpened end, the latter being bent outward at an angle toward the limb having the sharpened end—of an approximately L-shaped shield having one limb or portion fastened to the bent-back portion of the limb of the pin having the unsharpened end, and the other limb or portion extended at about right angles and adjacent to the outwardly-bent extremity of the unsharpened end of the pin, whereby the outwardly-bent extremity of the unsharpened end of the pin will serve as a guide for directing the sharpened end of the pin into the shield.

In the accompanying drawings, Figure 1 is a side view of a safety-pin embodying my improvement. Fig. 2 is a side view of the same, showing the shield in section; and Fig. 3 is a transverse section taken at the plane of the dotted line *x x*, Fig. 1.

Similar letters of reference designate corresponding parts in all the figures.

A designates the pin. It is bent around into a coil, *a*, at about the middle, to form a spring and two limbs or portions, *b c*, at opposite sides of the coil. The end *d* of the limb *b* is unsharpened; but the end *e* of the limb *c* is sharpened. The unsharpened end *d* of the pin is bent back upon the limb *b* for a short distance, and at the extremity is bent out at an angle to said limb and toward the limb *c*.

B designates the shield which is used with the pin. It will preferably be made of sheet

metal, and is shown as approximately L-shaped. In other words, the shield is composed, essentially, of two portions arranged at about right angles to each other. One of these portions extends around the limb *b*, where the unsharpened end *d* is bent back against it, and it extends across toward the limb *c* just beyond the outwardly-bent extremity of the unsharpened end *d*. The other portion of the shield extends approximately parallel with the limb *b*, and is hollowed out at the side which is adjacent to the limb *b*, so as to receive and retain the sharpened end *e* of the limb *c*. It will be seen that the extremity of the unsharpened end *d* of the limb *b* extends almost to the portion of the shield which receives the sharpened end *e* of the limb *c* of the pin, and hence that it serves as a guide whereby the sharpened end *e* of the limb *c* may be directed into the shield.

The shield may be fastened to the limb *b* of the pin by solder, or by being pinched on the same.

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

The combination, with a pin comprising two links—one having a sharpened end and the other an unsharpened end, the latter being bent outward at an angle toward the limb having the sharpened end—of an approximately L-shaped shield having one limb or portion fastened to the bent-back portion of the limb of the pin having the unsharpened end, and the other limb or portion extended at about right angles and adjacent to the outwardly-bent extremity of the unsharpened end of the pin, substantially as specified.

WM. F. HYATT.

Witnesses:

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