No. 797,463. PATENTED AUG. 15, 1905.

C. SINGLETON.

FASTENER FOR THE PINS OF BROOCHES, &c.

APPLICATION FILED OCT. 14, 1904.

FIG. 1.

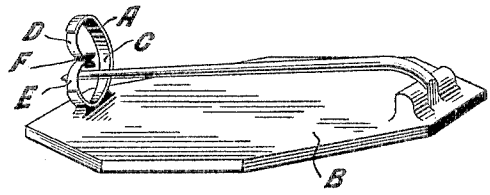
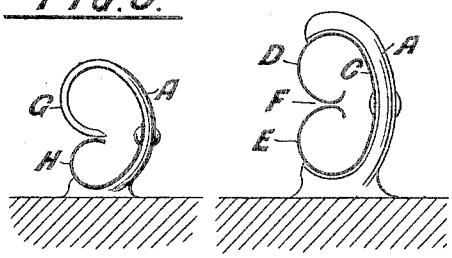


FIG. 2.

FIG. 3.



Witnesses:-
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UNITED STATES PATENT OFFICE.

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FASTENER FOR THE PINS OF BROOCHES, &c.

No. 797,463. Specification of Letters Patent. Patented Aug. 15, 1905.

Application filed October 14, 1904. Serial No. 228,475.

To all whom it may concern:

Be it known that I, CHARLES SINGLETON, a subject of the King of Great Britain, residing at Clapham, in the county of Surrey, England, have invented a certain new and useful Fastener for the Pins of Brooches, Safety-Pins, and the Like; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a simple device for preventing the pins of brooches, safety-pins, and like articles from becoming accidentally unfastened.

The invention will be more readily understood by describing the same with aid of the accompanying drawings.

Figure 1 is a perspective view of the under side of a brooch with this invention applied; Fig. 2, a detached side view of the invention, drawn to a larger scale; Fig. 3, a detached side view of a slightly-varied arrangement of the previous figures.

It will be at once seen by the drawings that the fastener is a double hook arrangement which will secure the pin from becoming accidentally unfastened whether the pin loses its spring or rests in the upper or lower hooks. The double hook part can be made in two ways—that is, by a spring portion attached to a foundation part and shaped to form both sides of the pin-entrance or by a spring portion forming only one side of said entrance, a hook on the foundation part forming the other side.

Referring to the drawings, the fastener is made in two parts, a foundation partial double hook part A, secured to back B of brooch, and within this foundation part is riveted a thin spring C, curved to form the two hooks D E. By pressing the pin between the hooks at F it will rest either within the top hook D or bottom hook E, with little or no probability of it becoming accidentally released. Fig. 3 shows the foundation part A extended at the upper part to form a hook G, the hook H, forming the bottom part, being riveted in spring portion.

An especial advantage lies in having the material forming the hooked portion within which the pin lies when the brooch is fastened formed by a member distinct from the part of the fastening means which is welded directly to the brooch, for when the spring breaks or wears out it is only necessary under the improvement herein to rivet in a new one, thereby doing away entirely with the necessity of welding on a new hook—an operation both costly and tedious.

Having now described my invention, what I desire to secure by Letters Patent is—

1. A fastener for pins of brooches and the like comprising a rigid, curved foundation member provided at its top and bottom with inwardly-curving spiral extensions following the curvature of said foundation member and terminating substantially centrally thereof, forming therebetween a contracted entrance for the pin, at least one of said extensions being formed of a metal spring secured to the foundation member, substantially as described.

2. A fastener for pins of brooches and the like, comprising a foundation member of rigid material mounted on said brooch, provided at one of its ends with an inwardly-projecting curved extension terminating substantially centrally thereof, and at its other end with a reversely-curved opposed spring portion, the end thereof terminating similarly to said extension and forming therewith a contracted entrance for the pin, substantially as described.

In testimony whereof I have affixed my signature in presence of two witnesses.

CHARLES SINGLETON.

Witnesses:

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