

T. G. Eiswald,

Breast Pin.

No. 104,840.

Patented June 28, 1870.

Fig. 1.

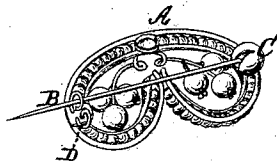
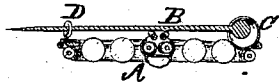


Fig. 2.



Witnesses.
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THEODOR G. EISWALD, OF PROVIDENCE, RHODE ISLAND.

Letters Patent No. 104,840, dated June 28, 1870.

IMPROVEMENT IN BREAST-PINS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, THEODOR G. EISWALD, of the city and county of Providence, in the State of Rhode Island, have invented a certain new and useful Improvement in Breast-Pins, and other similar articles.

My invention consists in a novel mode of mounting the pin-tongue, and in the form of the "catch" or hook; and I do hereby declare that the following specification, taken in connection with the drawing furnished and forming a part of the same, is a true, clear, and exact description of the same.

Figure 1 represents the back of a breast-pin, having my improvements thereon.

Figure 2 represents the same, in longitudinal section.

A is the body of the pin.

B is the pin-tongue. It is provided with a spherical head, firmly set. Its opposite end is pointed, as usual.

C is a spherical socket, with its interior slightly larger than the head of the pin-tongue. In the side of this socket is a slot extending from a point near its top to the bottom, having a width slightly greater than the thickness of the wire of which the tongue is made.

D is the catch or hook. It may properly be denominated a compound catch. It consists of a piece of wire, of suitable size and quality, having its two ends bent toward each other in inverted scrolls. This catch is soldered to the back of the pin in the usual manner, at right angles to the line of the pin-tongue. The two inner edges of the catches are closely in contact, and, to secure the pin, it is necessary to force it down between the two edges into the open space below. To

disengage it, the same degree of force is requisite, rendering it, in fact, a safety-catch.

In the use of the hinge-joint and the ordinary hook, as generally used, it is essential that a block be placed on the back of the breast-pin, near the hinge-joint, to secure a springy bend to the pin, and keep it in proper engagement with the hook or catch. It is this constant strain upon the joint, and frequent bending of the pin-tongue, that occasions such general breakage of the pins and joints. With my compound hook no strain is required on the pin-tongue to keep it in place.

In using the ordinary hook on breast-pins, which can be worn in any position, it is found difficult to maintain a proper relation between it and the pin-tongue, except the pin be always worn with the opening in the hook facing downward. With my catch the pin is held firmly therein, regardless of the position of the pin. It is, therefore, especially adapted for shawl and diaper-pins.

Both the ball-joint and compound catch or hook are applicable, separately or together, with equally desirable results to ear-rings.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

1. The combination of the slotted spherical socket C with the circular-headed pin-tongue B, arranged to operate as a fastening, substantially as described.

2. The compound hooks D, with their edges in relation with each other, substantially as shown and described, in combination with the tongue of a breast-pin, ear-ring, or other similar article.

Witnesses: THEODOR G. EISWALD.

WINGATE HAYES,
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