

C. G. KING.

BROOCH.

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1,023,940.

Patented Apr. 23, 1912.

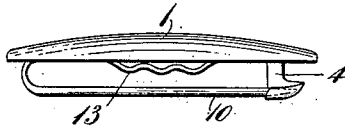


Fig. 1.

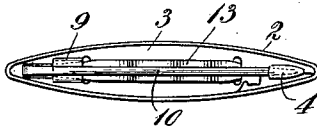


Fig. 2.

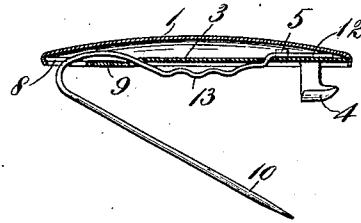


Fig. 3.

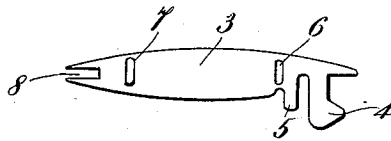


Fig. 4.



Fig. 5.

WITNESSES:

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UNITED STATES PATENT OFFICE.

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BROOCH.

1,023,940.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CLIFFORD G. KING, a citizen of the United States, and a resident of Providence, in the county of Providence and State of Rhode Island, have invented a new and useful Improvement in Brooches, of which the following is a specification.

My invention relates to brooches or similar pins and particularly to the so called "beauty" or "baby" pins, and its object is to improve the construction thereof in the manner hereinafter set forth.

The drawings which accompany and form a part of this specification illustrate one embodiment of my invention.

In the drawings, Figure 1 is a side view of a pin embodying my invention; Fig. 2 is a plan view of the same; Fig. 3 is a longitudinal section, and Figs. 4 and 5 represent blanks from which the back plate and pin respectively may be formed.

In the particular drawings selected for illustrating my invention, 1 represents the front or ornamental plate, the edge of which is rolled over to form a continuous flange or bead 2 engaging the back plate 3. The back plate preferably is constructed from the blank shown in Fig. 4. The blank is provided with two transverse slots 6 and 7 arranged as shown near the ends of the blank and one end thereof is provided with a longitudinal slot 8. The projecting member 4 on the other end is bent at right angles to the blank to form a catch or keeper for the pin point, and the ear 5 may be bent backward against the back plate in the opposite direction from the catch 4 in order to retain the flattened end 12 of the pin as hereinafter more fully explained. The pin tongue may conveniently be formed from a blank such as shown in Fig. 5, and consists of the stem portion 10, the flattened spring portion 11, and the flattened end portion 12. The spring portion of the pin tongue preferably is corrugated as shown at 13. When the blank is placed in a suitable press to form the pin-retaining lug 5 and the catch 4, that portion thereof between the slot 7 and the slot 8 is raised above the plane of the back plate so as to form the bridge 9, shown in Figs. 2 and 3. When the back

plate and pin have been suitably formed, the end 12 of the latter is inserted in the slot 8 and up through the slot 7, and then is passed through the slot 6 until the flattened end portion 12 lies flat along the under portion of the back plate as shown in Fig. 2. The lug 5 is then pressed down on said flattened portion, the back plate inserted in the front plate 1 and the edge of the latter rolled over to retain the same as shown in Fig. 2.

It will be seen that by means of the construction hereinafter described, I am able to provide a pin, the parts of which may be inexpensively assembled without solder, and which when once assembled cannot be disengaged by ordinary usage. It will be obvious that the corrugation of the spring portion of the pin tongue greatly increases the flexibility thereof and also greatly increases the security of engagement with the fabric to which the pin is applied. It will be noted also that greater elasticity is secured by the free movement with respect to the back-plate slots 7 and 8 of that portion of the pin-tongue which lies under the raised bridge 9.

It will be understood that while I have described one embodiment of my invention with some particularity, nevertheless various modifications within the scope of the appended claims may be made in the particular form shown and described without departing from the spirit of my invention.

I claim:

1. In a pin, a pin tongue formed of wire pointed at one end, intermediately bent upon itself, and having its other end flattened in a plane transverse to that of said bending, said flattened portion being provided with corrugations.

2. In a pin, a back plate provided with a slot at one end thereof, a transverse slot near each end of said back plate, a pin tongue having a flattened portion threaded through said slots, and means for binding the forward end of said flattened portion to said back plate.

3. In a pin, a back plate provided with an end slot and a transverse slot near each end thereof, a raised bridge formed between one

of said transverse slots and said end slot, a
pin tongue having a flattened portion pass-
ing under said bridge and through the other
of said transverse slots and means for bind-
5 ing the forward end of said flattened por-
tion to said back plate.

In testimony whereof, I have hereunto

subscribed my name this 13th day of July,
1911.

CLIFFORD G. KING.

Witnesses:

ALFRED G. CHAFFEE,
JOHN H. SLATTERY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."