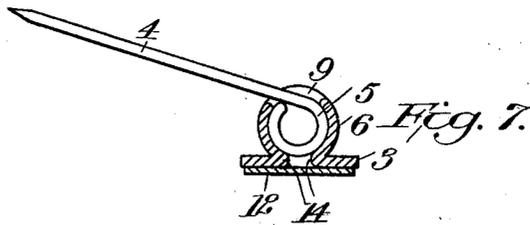
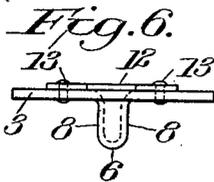
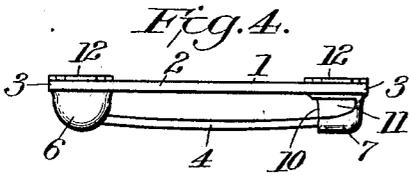
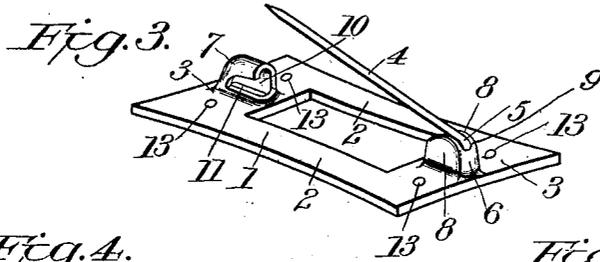
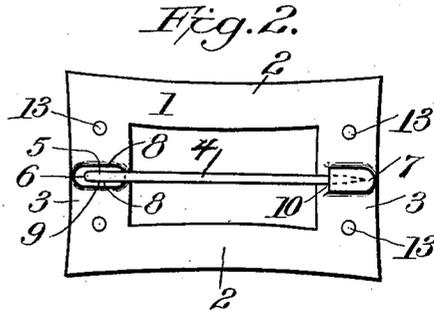
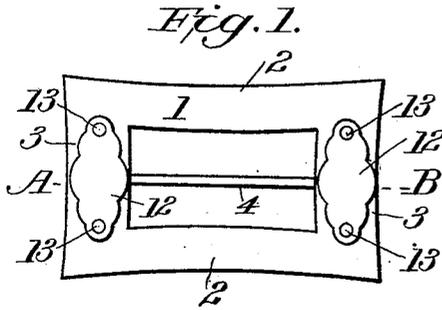


J. C. & J. A. DORAN.
 BELT PIN.
 APPLICATION FILED NOV. 23, 1908.

925,083.

Patented June 15, 1909.



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UNITED STATES PATENT OFFICE.

JAMES C. DORAN AND JAMES A. DORAN, OF PROVIDENCE, RHODE ISLAND.

BELT-PIN.

No. 925,083.

Specification of Letters Patent.

Patented June 15, 1909.

Application filed November 23, 1908. Serial No. 463,982.

To all whom it may concern:

Be it known that we, JAMES C. DORAN and JAMES A. DORAN, citizens of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented a certain new and useful Improvement in Belt-Pins, of which the following is a full, clear, and exact description.

This invention relates primarily to belt pins designed to be used in connection with ladies' belts, although the invention is applicable to other articles of jewelry, such as brooches, breastpins, and other similar articles where a pivoted pin is used to fasten the article in place.

In our reissued Patent No. 12,888, dated November 24, 1908, we have shown a jewelry component comprising a back-plate having integral hollow projections drawn down from the back-plate and forming a pin-joint and a pin-catch. This plate was designed in part for use with an ornamental front or face-plate, and when so used the adaptability of the invention in the production of a variety of open face or frame-like pins, such as are required in a complete line of belt pins, brooches, breastpins, and other like articles of jewelry was somewhat restricted.

The object of the present invention is to provide a construction whereby there may be produced an unlimited variety of pins, of any desired ornamental or artistic shape or form, in which a single integral plate or body serves both as the face and the back, and which plate may be of open-face or of frame-like design, and contains integrally the pin-joint and pin-catch.

The invention consists in a belt pin or other like pin having its face-plate provided with integral hollow projections, drawn down from the front thereof and constructed to form the pin-joint and pin-catch upon the back of the face-plate, and provided with separate and independent pieces secured to the front of the face-plate and concealing the openings in the front of the face-plate formed by the construction of the pin-joint and catch, all as we will proceed now more particularly to set forth and finally claim.

In the accompanying drawings, illustrating the invention, in the several figures of which like parts are similarly designated, Figure 1 is a top plan view of one form or configuration of pin embodying the invention. Fig. 2 is a bottom plan view. Fig. 3

is an underside perspective view. Fig. 4 is an edge view. Fig. 5 is a longitudinal section, taken substantially in the plane of line A B, Fig. 1. Fig. 6 is an end view, showing one means of attaching the ornaments. Fig. 7 is a partial sectional view of a modified form of pin-joint.

The face-plate or body 1 of the pin may be made of sheet metal, and of any suitable ornamental or artistic design or configuration, preferably of open or frame-like structure, and the face or exposed side may be ornamented in any suitable manner, as by embossing, engraving, or otherwise. As herein shown, this face-plate or body is of rectangular shape or design, and comprises side bars 2, and end bars 3.

4 is the usual pin-tongue, having the head 5.

In accordance with this invention, the material of the end bars 3 of the face-plate is utilized to form the pin-joint for pivotally mounting the pin-tongue upon the plate and the pin-catch for securing the free end of the pin-tongue, said joint and catch being formed by drawing up the metal of the end bars from the front side of the face-plate to constitute hollow projections 6 and 7 upon the back of the face-plate.

The hollow projection 6 in its preferred form and as shown in our patent referred to, is constructed with flattened side walls 8 and an oblong segmental slot 9 in the rim connecting the side walls. The projection 6 as thus constructed constitutes a joint or housing for the pin-tongue head 5, which is mounted in the housing with its sides contacting with the walls of the housing, the slot 9 permitting the movement of the pin and the ends of said slot serving as stops therefor. The hollow projection 7 also has its side walls flattened, and a portion of its inner end removed to form an opening 10, and one side cut out to form horizontal opening 11 communicating with the opening 10 for the passage of the pin-tongue point into and out of said projection. This construction provides a safety catch or guard for the point of the pin-tongue and securely holds the pin in locked position.

In constructing the pin-joint and pin-catch as above described, there are openings left in the front or exposed and ornamental side of the face-plate, and in order to conceal said openings, suitable separate and independent pieces 12, of any suitable mate-

rial and design, are secured upon the front of the face-plate over the openings. These pieces 12 may be utilized in ornamenting the article, alone or in connection with the exposed front portion of the face-plate.

The pieces or ornaments 12 may be secured to the front of the face-plate in any suitable manner, and we have herein shown them as secured in place by rivets 13. These pieces 12 besides serving as ornaments and concealing the openings upon the front of the face-plate, also serve as a means for preventing the pin-tongue from escaping from the housing.

As shown in Fig. 7, the projection 6 forming the pin-joint or housing for the head of the pin, may be crimped in or constricted about the head of the pin, as at 14, and thus securely fasten the pin in the housing against dislodgment should the ornament become detached or removed.

Among the advantages of this construction are these:—Pins of various designs or shapes may be provided as easily as the ordinary pins with soldered joint and catch; the face-plate or body of the pin itself may be provided directly with the integral joint and catch, instead of using a back-plate to receive the joint and catch, as in our former patent, so that we are enabled to ornament the front of the face-plate by embossing or otherwise; and, furthermore, by forming the pin-joint and catch directly or integrally with the face-plate or body of the pin, we provide a much stronger pin and one that will better stand the strains to which such pins, particularly belt pins, are subjected, since there are no attached or separable parts in the formation of the pin which are subjected to such strains and which are liable to

become separated or detached under the strains to which such pins are exposed.

We wish to be understood as not limiting our invention to the exact design or configuration of the pin herein shown and described, nor to the exact details of construction herein illustrated, as the same may be altered in various particulars within the scope of our invention.

What we claim is:—

1. A jewelry pin, comprising a single integral plate, said plate having a pin-joint and a pin-catch drawn up integrally therefrom and projecting from the back thereof, a pin-tongue having a head pivoted in the pin-joint, and separate and independent pieces secured on the face of the plate over the openings therein formed by said pin-joint and pin-catch and closing said openings and concealing them and the pin-tongue head, whereby a separate back-plate is dispensed with and any desired configuration of plate may be used.

2. A belt or other like pin, comprising a plate having a pin-joint struck up from the face thereof and projecting from the back, a pin-tongue having a head mounted in said pin-joint, said pin-joint being crimped at its juncture with the plate about the head of the pin-tongue to secure the pin-tongue in place, and a pin-catch on said plate for said pin-tongue.

In testimony whereof we have hereunto set our hands this 19th day of November A. D. 1908.

JAMES C. DORAN.
JAMES A. DORAN.

Witnesses:

JOS. G. DORAN,
NELLIE R. DORAN.