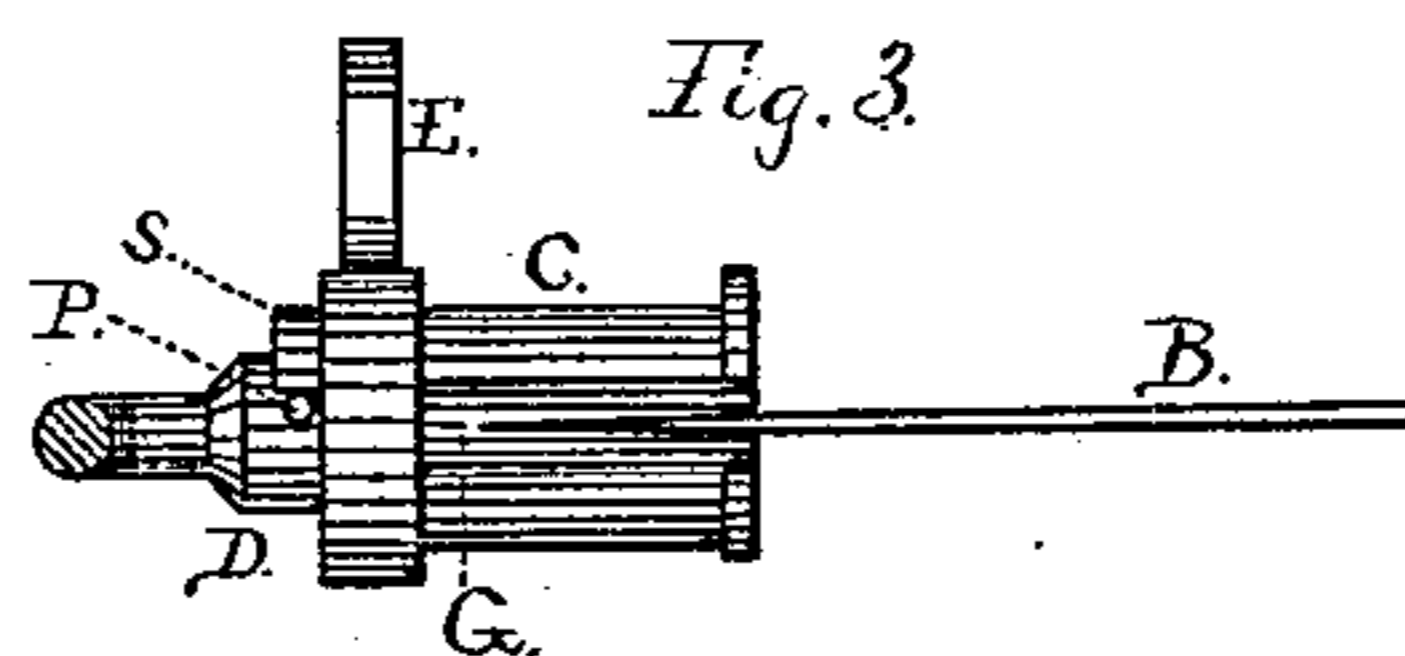
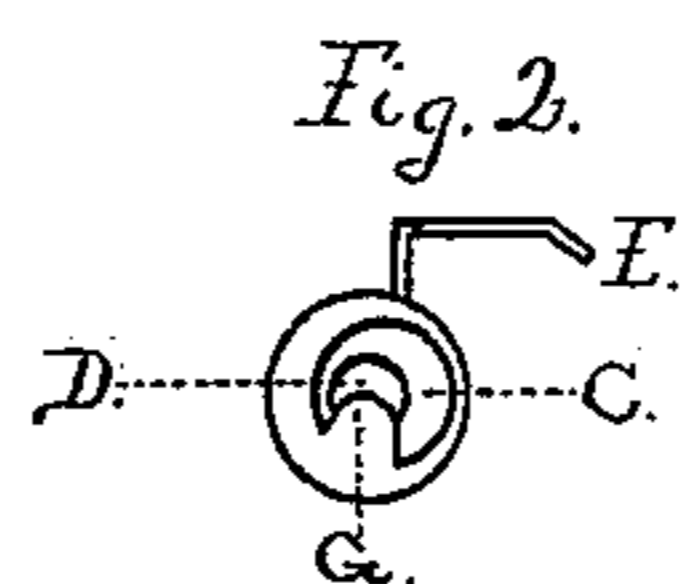
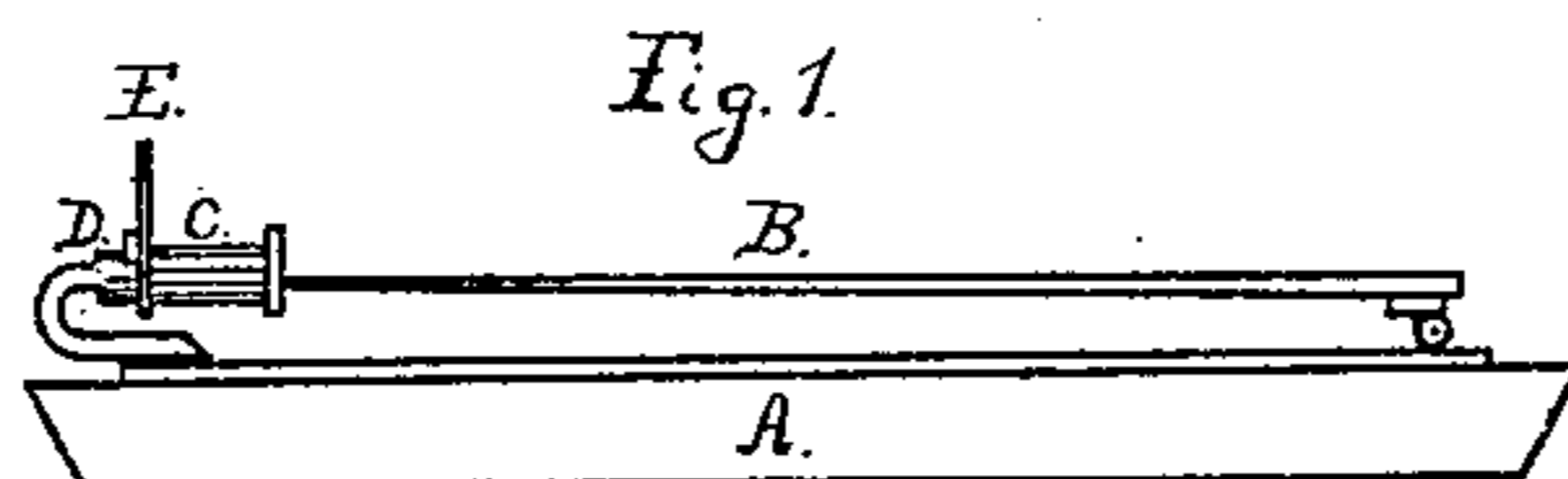


A. ZIERLEYN & C. CARSTENS.
Safety Fastening for Brooches and Pins.

No. 238,744.

Patented March 8, 1881.



Witnesses.
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UNITED STATES PATENT OFFICE.

ANTONI ZIERLEYN AND CHRISTOPHER CARSTENS, OF GRAND RAPIDS,
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SAFETY-FASTENING FOR BROOCHES AND PINS.

SPECIFICATION forming part of Letters Patent No. 238,744, dated March 8, 1881.

Application filed March 5, 1880. (Model.)

To all whom it may concern:

Be it known that we, ANTONI ZIERLEYN and CHRISTOPHER CARSTENS, of the city of Grand Rapids, in the county of Kent and State of Michigan, have invented a new and useful Improvement in Brooch and other Fastenings, of which the following is a full and sufficient description, reference being had to the accompanying drawings, and the letters of reference marked thereon, in which—

Figure 1 is a perspective view of our invention for brooch-fastening, fastening attached to the brooch, the brooch-pin in the fastening, said fastening being open. Fig. 2 is a cross-section of our invention. Fig. 3 is an enlarged perspective view of our invention with fastening open.

The nature of our invention relates to an improved device for preventing the accidental displacement of the pin in brooch and other fastenings; and it consists of a hollow cylinder with a longitudinal opening to admit the brooch-pin, and revolving upon this an outer cylinder, which also has a longitudinal opening in such a position that when the fastening is open the openings are in line, thus admitting the pin to the inner cylinder; but when closed by a partial revolution of the outer cylinder the opening is closed by the opening in the outer cylinder being carried past the opening in the inner cylinder, thus preventing displacement. There is a pin or projection at the rear end of the inner cylinder in such a position that it prevents further revolution of the outer cylinder when the openings are brought in line by coming in contact with a portion of the outer cylinder, enough of the outer cylinder being cut away to allow it to revolve as designed. To the outer cylinder is attached a bent wire or bar, for the purpose of moving the same, and which, when the fastening is closed, rests against the back side of the brooch. There is a screw on the outside of the inner cylinder and a corresponding one on the inside of the outer cylinder, which holds the

outer cylinder in place, but allows it to revolve as designed, the inner cylinder being attached to the brooch by a bent bar and plate.

This device covers the point of the pin, which was left free in the old mode of fastening. 50

In the accompanying drawings, the brooch is shown by A, the pin by B, the outer cylinder of the fastening by C, the inner cylinder by D, the bar for moving the outer cylinder by E, the hollow of the inner cylinder by G, the projection on the inner cylinder by P, and the portion of the outer cylinder coming in contact with it when the fastening is open by S. 55

In constructing our invention the fastening is attached, by solder or otherwise, to the back of the brooch or other article at the free end of the pin, and so set or shaped that the openings come in proper position for its reception. 60

The bent bar E is to be used for fastening and unfastening the pin. 65

By this device the point of the pin is protected and held firmly in its position, absolutely preventing displacement.

We are aware that a pin-holder having a stationary slotted tube and an interior revolving slotted tube for the reception of the free end of the pin and means for securing said tubes in a closed position is old; and such we do not wish to be understood as claiming, broadly, as of our invention. 75

What we claim is—

In a brooch or other pin fastening device, the combination, with the slotted exterior and interior cylinders, CD, for the reception of the free end of the pin, of the fastening and unfastening bent bar or wire adapted to rest against the back side of the brooch or other article to which said cylinders are applied, as and for the purpose herein shown and described. 80

ANTONI ZIERLEYN.
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Witnesses:

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