

(Model.)

P. A. LEIMBACH.
CATCH FOR JEWELRY.

No. 258,776.

Patented May 30, 1882.

Fig. 1.

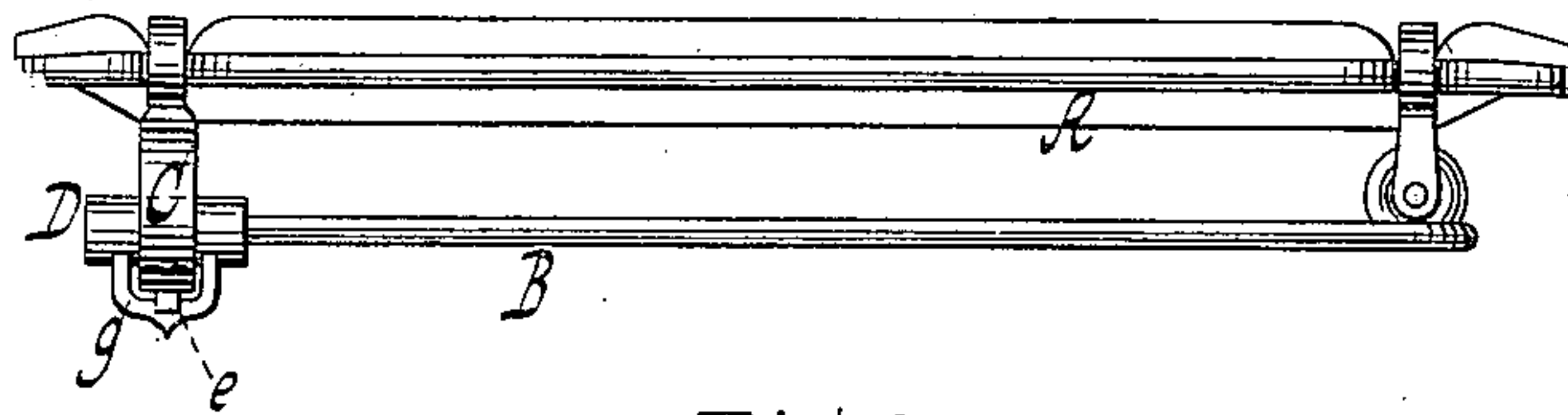


Fig. 2.

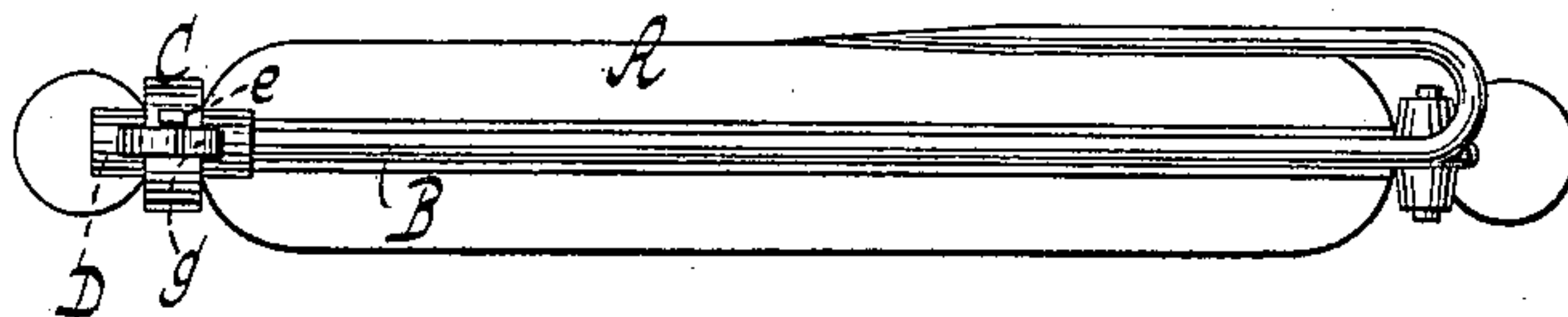
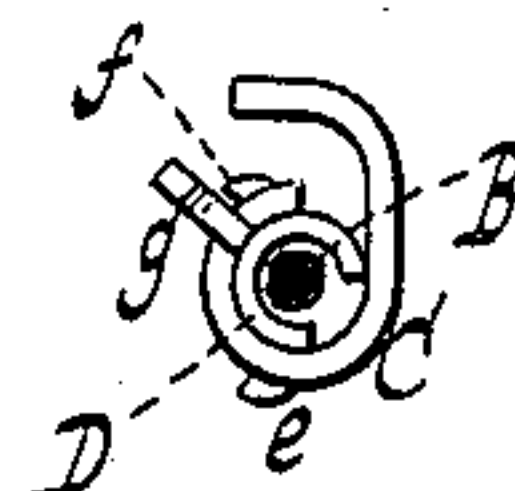


Fig. 3.



Fig. 4.



WITNESSES:

Chas. Wahlers.

William Miller

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UNITED STATES PATENT OFFICE.

PHILIP A. LEIMBACH, OF NEW YORK, N. Y.

CATCH FOR JEWELRY.

SPECIFICATION forming part of Letters Patent No. 258,776, dated May 30, 1882.

Application filed April 13, 1882. (Model.)

To all whom it may concern:

Be it known that I, PHILIP A. LEIMBACH, a citizen of the United States, residing at New York, in the county and State of New York, have invented new and useful Improvements in Catches for Jewelry, &c., of which the following is a specification.

This invention relates to improvements in that class of fastening devices for the pointed ends of brooch-pins which consist of two rings, one fixed and the other arranged to rotate within the same, and having a finger-piece projecting through a segmental slot in the fixed ring, by which it is operated to bring its opening into and out of coincidence with an opening in the fixed ring.

The objects of my invention are to avoid slotting the fixed ring to provide an opening for the movement of the finger-piece on the rotary ring; to cover the pointed end of the pin when in a fastened position, and to provide projecting stops for determining the open and closed position of the fastening device. These objects I accomplish by the construction and arrangement of parts illustrated in the accompanying drawings, in which—

Figure 1 is a side view, showing the catch applied to a breastpin. Fig. 2 is an inverted plan view. Fig. 3 is an end view of the catch detached, showing the open position of the latch. Fig. 4 is a like view, showing the closed position of the latch.

Similar letters indicate corresponding parts.

The letter A designates the back or body of a breastpin having a pin-tongue, B, hinged thereto in any usual or suitable manner.

C denotes the catch serving to receive the point of the pin-tongue. This catch is hook-shaped, and is secured to the back A in such a manner as to open in the direction of the back in contradistinction to away from such back.

The letter D indicates the guard-latch combined with the catch, and *e f* the stops serving to determine the positions of the latch. The latch D is made of segmental shape, and with an opening approximately equal to that of the hook while it is arranged within the bight of

the hook to rotate therein, its length being greater than the width of the hook composing the catch. A finger-piece, *g*, of yoke shape, is secured to the latch D and embraces the shank of the catch, so that by taking hold of this finger-piece the latch can be turned or adjusted to either of its positions. The ends of the yoke-shaped finger-piece being fastened to the rotating guard-latch on opposite sides of the hooked catch, I avoid the necessity of slotting the latter to provide an opening for the movements of the finger-piece, which is objectionable, in that it weakens the device and renders accurate fitting of the parts essential. When the latch is turned to the position shown in Fig. 3 its opening registers with that of the hook and the pin-tongue is permitted to be inserted in or withdrawn from the catch, while when the latch is turned to the position shown in Fig. 4 the hook-opening is closed by its means and the pin-tongue is securely retained within the catch. The stops *e f* are applied to the shank of the catch, in the path of the finger-piece *g* at the required points to arrest the latter in turning the latch to its open or closed position. The stop *f*, which determines the closed position of the latch, is situated near the end of the catch, and the finger-piece *g*, being brought to that position, it is held against accidental displacement in breastpins by the garment to which the whole is attached.

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

The combination of the hooked-shaped catch C, having stops *e* and *f* projecting from its surface, the rotating guard-latch D, arranged in the hooked catch, and a yoke-shaped finger-piece, *g*, secured to the guard-latch on opposite sides of the hooked catch, substantially as described.

In testimony whereof I have hereunto set my hand and seal in the presence of two subscribing witnesses.

PHILIP A. LEIMBACH. [L. S.]

Witnesses:

W. HAUFF,
CHAS. WAHLERS.