(No Model.)

C. E. CARPENTER.

CATCH FOR JEWELRY PINS, &c.

No. 326,477. Patented Sept. 15, 1885.

Fig. 1.

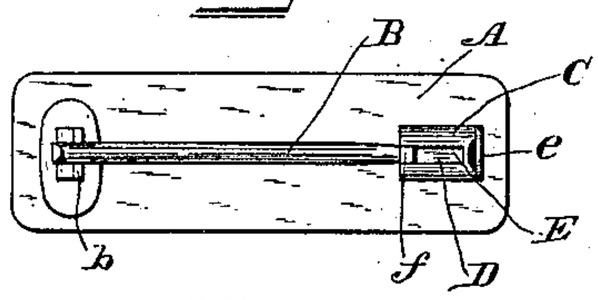


Fig. 2.

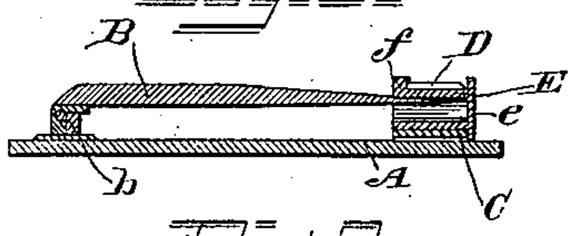
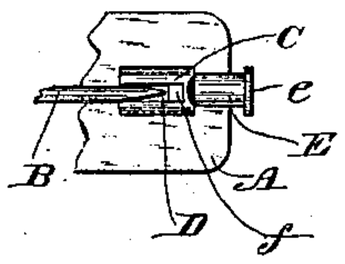


Fig. 3.



WITNESSES.

W. J. Schneider.

J. Thos. McGill.

INVENTOR.

Clarence E. Carpenter

By Myers & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

CLARENCE E. CARPENTER, OF HORSEHEADS, NEW YORK.

CATCH FOR JEWELRY-PINS, &c.

SPECIFICATION forming part of Letters Patent No. 326,477, dated September 15, 1885.

Application filed January 27, 1885. (No model.)

To all whom it may concern:

Be it known that I, CLARENCE E. CARPENTER, a citizen of the United States of America, residing at Horseheads, in the county of Chemung and State of New York, have invented certain new and useful Improvements in Catches for Jewelry-Pins, Ear-Rings, &c., of which the following is a specification, reference being had therein to the accompanying drawings.

This invention pertains to certain new and useful improvements in fastening devices for pins used on such jewelry as breastpins, earrings, &c., and is applicable to all such devices, and has for its object to provide means whereby the accidental unfastening or disengagement of the end of the pin or wire is prevented; and to these ends the invention consists in the detailed construction, combination, and arrangement of parts, substantially as hereinafter more fully set forth and claimed.

In the accompanying drawings, Figure 1 is a plan view of my invention. Fig. 2 is a longitudinal sectional view thereof, and Fig. 3 is a detail view.

In the embodiment of my invention I employ an ordinary plate, A, to which I solder or otherwise secure the hinge of the pin B. Said hinge is of the ordinary construction, save its front portion, which is provided with a small upright or projection, *b*, which acts as a support for the pin. To the other or forward end of the pin or plate A, I attach a small cylindric hollow barrel or casing, C, which is open on both ends, and is provided in its upper face with a longitudinal slot, D, which extends nearly the entire length of the barrel or casing C, the purpose of which slot will appear farther on.

E is another hollow cylindric barrel or casing of the same length as the barrel or casing C, and is disposed to telescope said barrel C. The barrel E is closed on one (its outer) end, whereon is formed a rim, *e*, slightly larger than the diameter of the barrel itself, and said barrel is provided on its upper surface at its inner end with a small lug or projection, *f*, which acts as a guide for the barrel E in the slot D of the barrel C.

It will be observed that by pressing outwardly on the rim *e* of the barrel E the same will be caused to protrude from the barrel C as far as the lug or projection *f* will admit, and that when said barrel E is in this position the slot D will be open, and thereby permit of the insertion of the end of the pin or wire B into barrel C through the said slot, and by pressing inwardly the barrel E, which, as before stated, telescopes the barrel C, the same will close the slot D and project over and secure the end of the pin B within itself.

The inner barrel, E, is slotted longitudinally at bottom, and slightly larger in diameter at its inner end than the outer barrel, and when it is inserted in the outer barrel it is compressed, in order that the spring-pressure thus produced may serve to hold it steadfastly as against accidental sliding in the outer barrel, C.

I am aware that it is not new to provide a safety-catch for pins having a fixed scroll-catch adapted to sustain the pressure of a pin, and to which is rigidly attached an outer tube having an opening in the under side of its back, and a guard-tube adapted to slide longitudinally within said outer tube; but such a device has been found to be of great disadvantage, inasmuch as the opening in the outer tube for reception of the pin is provided on the under side of said tube, whereas in my invention I provide such an opening in the top surface of the outer tube, which disposition of the opening it is obvious is of greater advantage than any other means, for the point of the pin would naturally fall directly over the point where I provide my opening, and the wearer of the article to which it is attached has no trouble in placing the point of the pin in its proper place, whereas in the device before mentioned it is obviously greatly inconvenient for the wearer to determine the exact locality of the opening in securing the pin. Another advantage of my invention is, that I secure the outer barrel or tube directly to the back of the article to which it is secured, and in case of accident to the fastening device it can be readily removed and another substituted in its place at little cost and without damage to the article itself.

Having thus fully described my invention,

what I claim, and desire to secure by Letters Patent, is—

The combination, with the plate provided with a small upright or projection and the pin, of the outer barrel, which is rigidly attached to the base, and having a longitudinal slot in the upper surface thereof for passage of the point of the pin, and the inner barrel having a lug or projection sliding in the slot of said outer barrel, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

CLARENCE E. CARPENTER.

Witnesses:
JAMES D. SHOOTS,
J. W. STANNEY.