(No Model.)

G. KREMENTZ.

Ear Ring Fastener.

No. 241,381. Patented May 10, 1881.

Fig: 1.

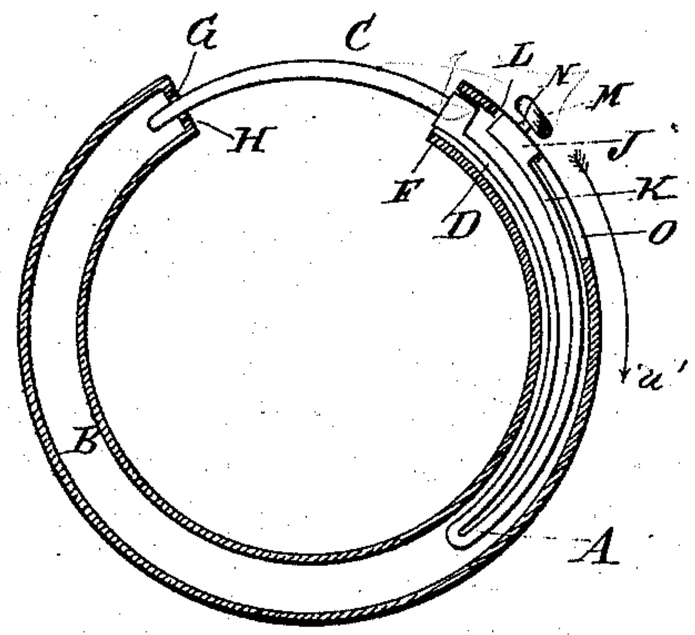
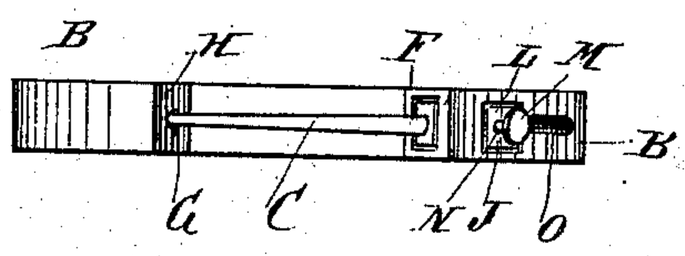


Fig: 2.



WITNESSES:

Chas. Nichols.

C. Sedgwick

INVENTOR:

G. Krementz

BY Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

GEORGE KREMENTZ, OF NEWARK, NEW JERSEY.

EAR-RING FASTENER.

SPECIFICATION forming part of Letters Patent No. 241,381, dated May 10, 1881.

Application filed March 1, 1881. (No model.)

To all whom it may concern:

Be it known that I, GEORGE KREMENTZ, of Newark, in the county of Essex and State of New Jersey, have invented a new and Improved Ear-Ring Fastener, of which the following is a specification.

The object of my invention is to facilitate the opening and closing of ear-rings, and to simplify the construction of the same.

The invention consists in a forked spring sliding in a circularly-bent tube, which spring has an ear-wire projecting from one end of the bent tube attached to one shank, whereas the other shank is provided with a catch for locking the spring and the ear-wire attached thereto, in a manner that will be fully set forth hereinafter.

In the accompanying drawings, Figure 1 is a longitudinal sectional elevation of my improved ear-ring fastener. Fig. 2 is an end view of the same, showing the ear-wire.

A forked spring, A, fits into a circularly-bent tube, B, and slides therein, and consequently this forked spring must have the same curvature as the bent tube. An ear-wire, C, having the same curvature as the bent tube is attached to the end of the shank D of the spring A, and projects from the end F of the bent tube B, extends across the recess between the two ends of the tube, and its point passes into an aperture or recess, G, in the end piece, H, of the tube B, as shown. A block, J, is fastened to the end of the other shank, K, of the spring A, forming a shoulder at the end of the shank, and fits into a corresponding aperture, L, in the outer surface of the tube B, near the end F of the same. A button, M, with a shank, N, is fastened to the block or its equivalent J. A slot, O, into which the shank N of the button M fits, extends longitudinally from the aperture L in the direction from the end F of the bent tube.

The operation is as follows: In the drawings the ear-ring fastener is represented closed. To open it the button M is depressed, causing the block J to leave the aperture L, and then the button is moved in the direction of the arrow *a'*, the shank N of the button passing through the slot O, and the spring A sliding in the bent tube. The point of the ear-wire C is thus withdrawn from the end piece, H, and the lobe of the ear can be passed in between the ends of the circularly-bent tube A. The button is then moved in the inverse direction of the arrow *a'* until the block J snaps into the aperture L by the force of the spring A, and the ear-wire passes through the aperture in the ear and into the end piece, H.

The within-described device may also be used in open link for watch-chains, &c.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. An ear-ring fastener made substantially as herein shown and described, and consisting of an ear-wire attached to a forked spring adapted to slide in a bent tube, as set forth.

2. In an ear-ring fastener, the combination, with the bent tube B, having an aperture, L, and slot O, of the forked spring A, provided with a block or equivalent, J, fitting into the aperture L, the ear-wire C, and the button or equivalent M, substantially as herein shown and described, and for the purpose set forth.

3. In an ear-ring fastener, the forked spring A, constructed substantially as herein shown and described, with a block or equivalent, J, at the end of one shank, and an ear-wire, C, at the end of the other shank, as and for the purpose set forth.

GEORGE KREMENTZ.

Witnesses:

JULIUS A. LEBKUECHER,

FRANK J. KREMENTZ.