

(No Model.)

G. KREMENTZ.
Ear Ring Fastener.

No. 271,084.

Patented Jan. 23, 1883.

Fig. 1.

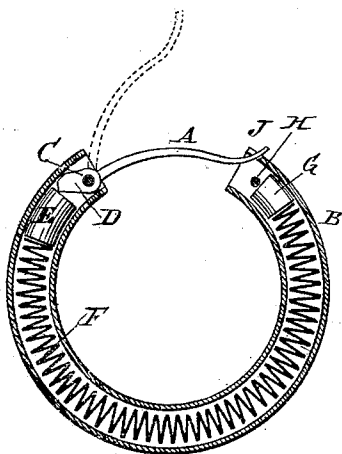


Fig. 3.

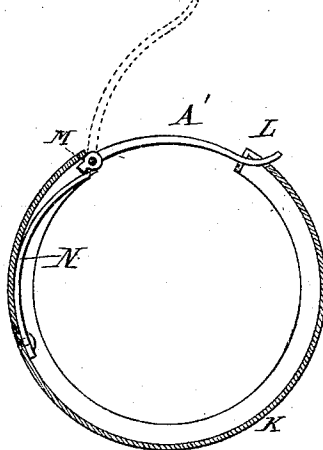
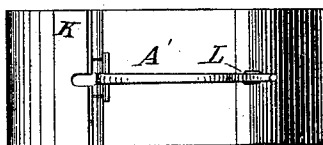


Fig. 2.



Fig. 4.



WITNESSES:

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GEORGE KREMENTZ, OF NEWARK, NEW JERSEY.

EAR-RING FASTENER.

SPECIFICATION forming part of Letters Patent No. 271,084, dated January 23, 1883.

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

To all whom it may concern:

Be it known that I, GEORGE KREMENTZ, of Newark, Essex county, 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 opening and closing ear-rings and to simplify the construction of the same.

The invention consists in an ear-wire pivoted to one end of a circularly-bent tube or plate, the point of the ear-wire resting upon the other end of the tube, which ear-wire has a short beveled extension at the inner end, which extension is acted upon by a spring that will hold the ear-wire either when raised or closed.

In the accompanying drawings, Figure 1 is a longitudinal sectional elevation of my improved ear-ring fastener, showing it applied to a tube. Fig. 2 is an end elevation of the same, showing the ear-wire. Fig. 3 is a longitudinal sectional elevation of a modification, showing it applied to a band. Fig. 4 is an end elevation of the same, showing the ear-wire.

Similar letters of reference indicate corresponding parts.

The ear-wire A is pivoted in one end of a circularly-bent tube, B, by means of a pin, C, passing transversely through the tube B, and an enlargement or extension, D, of the ear-wire. A block, E, fits and slides in the tube B, is pressed against the outer end of the extension D by a spiral spring, F, contained in the tube B, and retained in the same by a block or plate, G, resting against a transverse pin, H, in the tube B; or the spring F may rest directly against the pin H.

The ear-wire is of such length that its outer end passes into a recess, J, in the end of the tube B opposite the one to which the ear-wire is pivoted. If the ear-ring is closed, as shown in full lines in Figs. 1 and 2, the angle of the extension D of the ear-wire will rest on the block E, which presses against the extension, and thus keep the ear-wire lowered or closed. If the ear-wire is raised, as shown in dotted lines in Fig. 1, the end surface of the extension D rests squarely against the top of the

block E, and the ear-wire is thus held in a raised position, and can only be closed if the pressure of the spring F is overcome; or the ear-wire A' may be pivoted to the end of a bent plate, K, and the outer end of this ear-wire may pass into a recess, L, in the end of the plate K opposite to the one to which the ear-wire is pivoted.

The ear-wire A' is provided with an extension, M, acted upon by a band-spring, N, riveted to the inner surface of the plate K. If the ear-wire A' is closed, the spring N presses upon the side or longitudinal surface of the extension M of the ear-wire A' and keeps the front end of the same in the recess L; but if the ear-wire is raised, as shown in dotted lines, the spring N presses against the end surface of the extension M and keeps the ear-wire raised.

The tube B or plate K need not necessarily be bent circularly, for the device is also applicable to angularly-bent tubes and plates.

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

1. In combination with the hinged parts of an ear-ring, bracelet, or other article of jewelry, a spring inclosed in one of the said parts and arranged to act upon the other through the medium of a projection or cam-surface, and a movable cylinder or equivalent device interposed between said projection and spring, as herein shown and described.

2. A fastener for hoop-shaped ear-rings, made substantially as herein shown and described, and consisting of an ear-wire pivoted to one end of a bow-shaped tube or plate, and provided with an extension beyond the pivot, acted upon by a spring combined with the tube or plate, as set forth.

3. In an ear-ring fastener, the combination, with the tube B, of the ear-wire A, pivoted in said tube, and provided with the extension D, the block E, and the spring F, substantially as and for the purpose set forth.

GEORGE KREMENTZ.

Witnesses:

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