

L. L. NORTHUP.

Improvement in Ear Rings.

No. 122,328.

Patented Jan. 2, 1872.

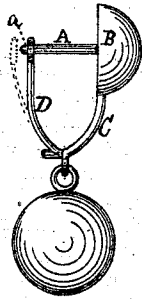


FIG. 1.

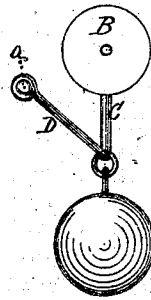


FIG. 2.

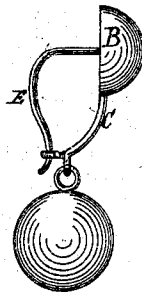


FIG. 3.

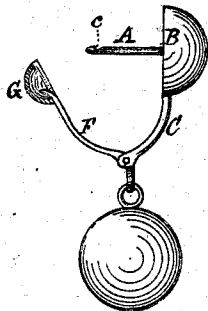


FIG. 4.

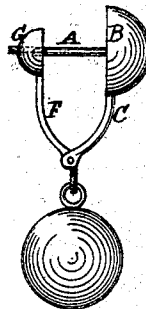


FIG. 5.

WITNESSES.

Peter F. Hughes
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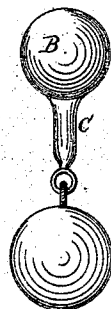


FIG. 6.

UNITED STATES PATENT OFFICE.

LOUIS L. NORTHUP, OF OLNEYVILLE, RHODE ISLAND.

IMPROVEMENT IN EAR-RINGS.

Specification forming part of Letters Patent No. 122,328, dated January 2, 1872.

To all whom it may concern:

Be it known that I, LOUIS L. NORTHUP, of Olneyville, in county of Providence, in the State of Rhode Island, have invented a new and useful Improvement in Lobe Attachments for Ear-Rings; and I do hereby declare that the following specification, taken in connection with the drawing furnished and forming a part of the same, is a full, clear, and exact description thereof.

My present improvement relates to such lobe attachments as were invented by me and patented October 3, 1871; and it consists in uniting the pendent arm or arms with the bar which passes through the lobe of the ear by means of a spring connection or its equivalent.

Referring to the drawing, Figure 1 represents in a side view one of my improved ear-lobe attachments on a somewhat enlarged scale, with a ball ear-drop attached. Fig. 2 represents the same in a rear view. Fig. 3 represents a drop and ear-lobe attachment, involving the same principle but of a different construction. Fig. 4 represents in side view still another modification of a lobe attachment open, ready for insertion into the puncture. Fig. 5 represents the same as in Fig. 4, with the lobe attachment closed as if attached to an ear. Fig. 6 represents in front view the same as in Figs. 4 and 5.

In Figs. 1 and 2, A represents the bar which passes through and remains in the puncture of the ear-lobe. B represents a lobe-plate, which, in this instance, is hemispherical in form. The bar A is attached to the flat or inside face of the lobe-plate and extends from its center at right angles. C represents a rigid pendent arm connected at its upper end to the lower side of the lobe-plate, and at its lower end a ring is formed for receiving the hook of the ear ring or drop. D represents a spring-arm pivoted to the rigid arm C at its lower end, and arranged to swing on its pivot in a plane parallel with the flat face of the lobe-plate. The free end of this arm D is provided with an eye, *a*, slightly larger than the diameter of

the bar A at its outer end. The upper or free end of this spring-arm is so sprung inward toward the lobe-plate that in order to allow the end of the bar A to enter the eye *a* the end of the arm must be sprung outward, as shown in dotted lines in Fig. 1, and then released and allowed to assume its natural position. In Fig. 3, the bar and spring-arm are shown as if constructed in one piece, the lower or spring end being held in position after the manner of spring-tongues in breast-pins or ear-rings. The lower end of this combined spring-arm and bar E constitutes a swinging arm of substantially the same character as the arm D in Figs. 1 and 2. In Figs. 4 and 5 the bar A is arranged to act as a spring, and is provided with a catch, *c*, on its upper side, near its outer end. A swinging pendent arm, F, is pivoted at its lower end to the corresponding end of the rigid pendent arm C, but is arranged to swing out at right angles to the flat face of the ear-lobe and on a line parallel with the bar A. To the upper or free end of the swinging arm F a small auxiliary lobe-plate, G, is attached; it is drilled through its center so as to receive the end of the bar A and spring into the catch *c*, as shown in Fig. 5.

In each of the styles shown and described the several parts constituting the lobe attachment are permanently united, and capable of being opened for insertion into the ear and then of being closed and held in that position by the elastic spring action of some of its parts; and also that but one ring or eye is necessary for receiving the hook of an ear-drop or ear-ring.

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

The improved ear-lobe attachment, consisting of the lobe-plate or plates, the puncture-bar, the rigid pendent arm, and the swinging arm, substantially as and for the purposes specified.

LOUIS L. NORTHUP.

Witnesses:

PETER F. HUGHES,
WILLIAM H. CORRY.

(86)