

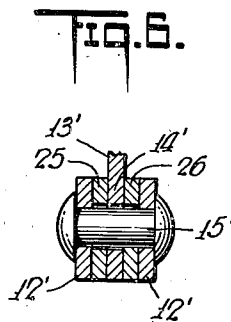
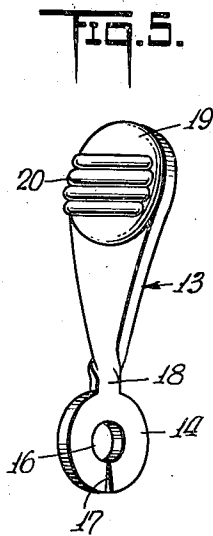
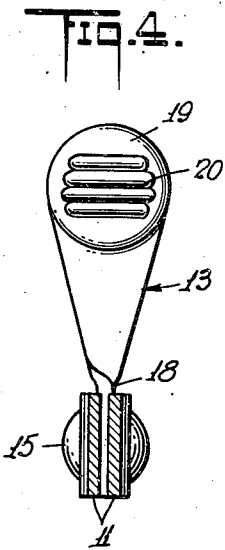
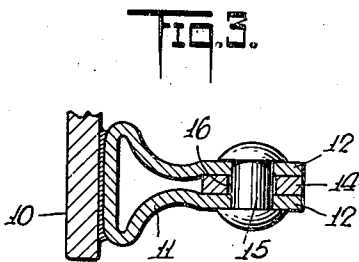
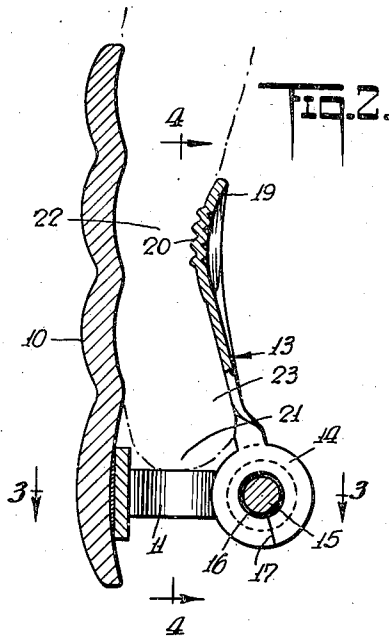
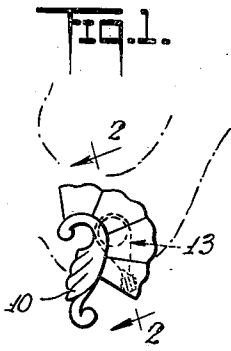
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JEWELRY CLIP

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JEWELRY CLIP

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5 Claims. (Cl. 63—14)

The present invention relates to jewelry clips and has its preferred application to earrings of the clip type.

Among the objects of the invention are to provide a jewelry clip and more particularly an earring clip of a minimum number of simple inexpensive parts which may be applied to the ear in an instant, and which is devoid of springs, ratchet or screw locking adjustments that are subject to wear, jamming or other derangement in use, and which frequently result on the one hand in discomfort to the wearer due to pinching the ear lobe or on the other in looseness and loss of the clip, the clip of the present invention despite its simplicity, inherently affording a secure hold upon the ear lobe, regardless of the thinness or thickness of such lobe, without the possibility of pinching and indeed without the wearer even being aware of any pressure on the ear lobe.

In the accompanying drawing in which are shown one or more of various possible embodiments of the several features of the invention,

Fig. 1 is a front view with parts broken away showing the earring clip in use,

Fig. 2 is a longitudinal sectional view on a greatly enlarged scale, taken on the line 2—2 of Fig. 1,

Fig. 3 is a transverse sectional view taken on the line 3—3 of Fig. 2,

Fig. 4 is a detailed sectional view taken on the line 4—4 of Fig. 2,

Fig. 5 is a perspective view of one embodiment of clip arm, and

Fig. 6 is a fragmentary view generally similar to Fig. 4 of a modification.

Referring now to the drawing, there is illustratively shown an earring clip which comprises the ornamental face member or plate 10 to the rear face of which is soldered, brazed, welded or otherwise attached the base of a U-shaped bracket 11 having a pair of upstanding jaws 12 extending directly therefrom. Between the jaws of the bracket is hinged a clip arm 13, desirably a stamped metal clip arm or one blanked out of sheet-metal stock of uniform thickness. This arm desirably includes an eye 14 interposed between the jaws of the bracket. A rivet 15 placed transversely through the bracket jaws and the interposed eye 14 securely clamps the latter in place between said jaws. Desirably, the eye has a bore 16 slightly larger than the shank of the rivet 15, the latter being frictionally held as an axle in the two bracket jaws 12. The eye of the clip arm is preferably split as at 17, and the split

edges are offset or displaced laterally in the manner of a lock washer.

In the assembled unit, the pressure exerted by the rivet brings the metal of the eye 14 into a common plane, so that in its tendency to spread out to the form shown in Fig. 5, it exerts a resilient or frictional hold against the jaws 12 of the bracket, and thereby keeps the hinged arm from easy displacement out of any position in which it is set.

In the earring embodiment particularly, the width of the clip arm 13 extends generally parallel to the length of the rivet and the plane of the eye is at right angles to said arm, the metal of the arm being twisted for that purpose at 18 at a point near but beyond the jaws 12 of the bracket. The clip arm preferably flares outward toward its free end, which presents a generally convex holding cup conformation 19 of substantial diameter, in the neighborhood of $\frac{1}{8}$ inch. The concave holding cup end 19 desirably has transverse ribs 20 across the face thereof extending parallel to the rivet.

The clip arm 13 is of such length, as shown in Fig. 2, that when the clip is applied to the ear with the bracket 11 against the lower edge 21 of the lobe, the convex gripping cup 19 of the arm will rest in the concavity 22 of said lobe, the human ear lobe presenting considerably more flesh about its entire rim 23 than it does in its mid portion 22.

Thus, in use, the clip can be instantly applied to the ear, the gripping cup 19 becoming registered with the concavity 22 in the ear lobe. The lock washer 14 and tight rivet 15 result in the clip remaining in any position of pivoted adjustment. The relatively large surface of the holding cup on the clip arm and the transverse ribs 20 thereof enhance the frictional hold and also prevent angular displacement of the earring from its initial set position. A very substantial pull on the clip would therefore be required to cause the hinged clip arm to pivot outward as it must before the clip can be drawn over the more fleshy rim 23 of the ear lobe. As a consequence the hold of the clip is especially secure, even though neither a spring nor a screw is used to fasten the clip to the ear.

The earring clip in addition to the face plate 10 involves merely the bracket 11, the arm 13 with its split eye 14 and the rivet 15. There is nothing to jam or become deranged. There is no spring, or screw, or ratchet to weaken or loosen by wear or use and the article is very comfortable to wear.

The embodiment of Fig. 6 resembles that of Figs. 1 to 5 except that the eye 14' of the arm 13' is not split but one or two additional split lock washers 25 and 26 are interposed between the hinged arm 13' and the bracket jaws 12'.

As many changes could be made in the above article and many apparently widely different embodiments of this invention could be made without departing from the scope of the claims, it is intended that all matter contained in the above description or shown in the accompanying drawing shall be interpreted as illustrative and not in a limiting sense.

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

1. A jewelry clip comprising a face plate, a bracket rigidly affixed to the back thereof and having a pair of jaws, a stamped metal clip arm having an eye unitary therewith at right angles to the general plane thereof, and interposed between said jaws, said eye being split to form a lock washer and a rivet transversely through said jaws and said interposed eye, and retaining the parts of the latter in a common plane for frictional hold of the pivot arm in any position of pivotal adjustment thereof.

2. A jewelry clip comprising a face plate having a bracket rigidly affixed to the rear face thereof and presenting a pair of jaws, a hinged metal clip arm presenting an eye at right angles to the plane thereof and interposed between said

jaws, one or more split lock washers interposed between the eye and the jaws, and a rivet transversely through said parts, thereby to maintain the clip arm frictionally in any position of pivotal adjustment thereof.

3. A jewelry clip comprising a face member, a bracket having a base rigidly affixed to the back thereof and having a pair of jaws extending from said face member, a stamped metal clip arm having an eye unitary therewith at right angles to the general plane thereof, and interposed between said jaws, and a rivet transversely through said jaws and said interposed eye, and retaining the parts of the latter in a common plane for frictional hold of the clip arm in any position of pivotal adjustment thereof, said rivet being frictionally held as an axle in said bracket and said eye having clearance with respect to said rivet.

4. The jewelry clip recited in claim 3, in which the eye is split to form a lock washer.

5. An article of clip jewelry comprising a face member, a U-shaped bracket secured to the rear thereof and having a pair of jaws extending therefrom, a clip arm hinged at one end between said jaws and twisted at right angles beyond but near said jaws, a rivet across said jaws and said clip arm, and coacting with said jaws frictionally to retain the arm under the compression of said rivet against ready pivoting displacement from any position of hinging adjustment.

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