

Aug. 21, 1945.

C. A. BUICK

2,383,237

ATTACHING CLIP FOR EAR ORNAMENTS

Filed April 29, 1943

FIG. 1

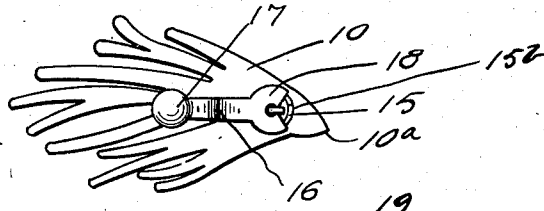


FIG. 2

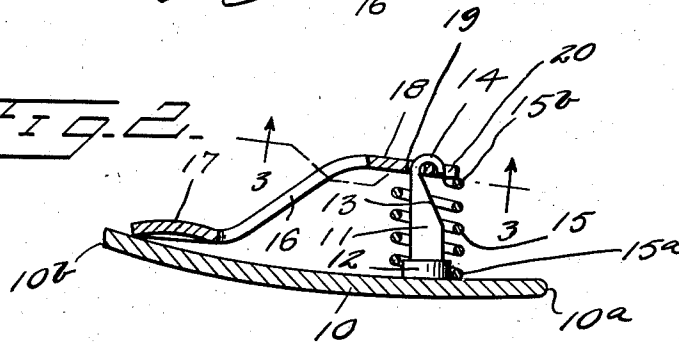


FIG. 3

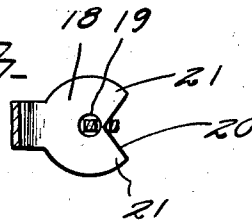


FIG. 4

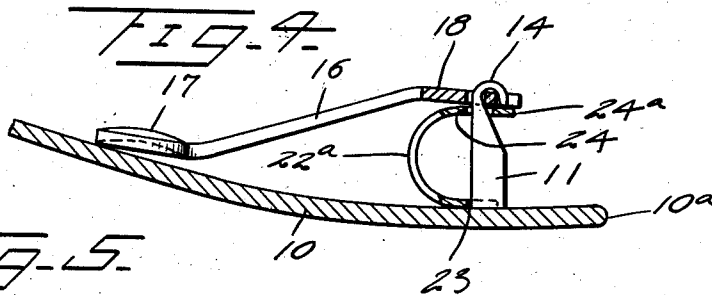
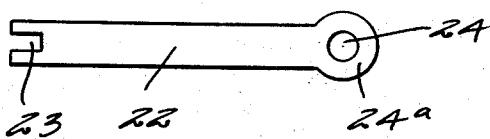


FIG. 5



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2,383,237

ATTACHING CLIP FOR EAR ORNAMENTS

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Application April 29, 1943, Serial No. 485,068

9 Claims. (Cl. 63—14)

This invention relates to certain new and useful improvements in attaching clips for ear ornaments.

The primary object of the invention is to provide an attaching clip for ear ornaments wherein an ear ornament is attached to the lobe of the ear of the wearer by means of a tensioned clip.

A further object of the invention is to provide an ear ornament and attaching clip therefor wherein the connection between the plate-like ornament of the ear ornament and the attaching clip comprises a pedestal to the upper end of which one end of a clip lever is removably and pivotally attached, with a spring element interposed between the ear ornament and pivoted end of the clip for tensioning the latter and forcing the free end of the clip in a direction toward and into engagement with the ear ornament.

A still further object of the invention is to provide an ear ornament and attaching clip of the foregoing character wherein a spring element interposed between the plate-like element of the ear ornament and the pivoted end of the clip is operative for holding the clip perpendicularly positioned relative to the plate-like element so that the device may be applied by one hand.

With the above and other objects in view that will become apparent as the nature of the invention is better understood, the same consists in the novel form, combination and arrangement of parts hereinafter more fully described, shown in the accompanying drawing and claimed.

In the accompanying drawing:

Figure 1 is a bottom plan view of an ear ornament and its attaching clip constructed in accordance with the present invention.

Figure 2 is a vertical longitudinal sectional view showing the tensioned pivotal connection between the ear ornament and attaching clip comprised of a coil spring.

Figure 3 is a detail sectional view taken on line 3—3 of Figure 2.

Figure 4 is a vertical longitudinal sectional view of a modified construction, showing a leaf spring interposed between the ear ornament and pivoted end of the attaching clip, and

Figure 5 is a developed plan view of the leaf spring element of Figure 4.

Referring more in detail to the accompanying drawing and particularly to Figures 1 to 3, there is illustrated an ear ornament and its attaching clip in which the ear ornament per se will be hereinafter referred to as a body and designated by the reference character 10, said body

being of any configuration, size or design desired for ornamental wear as an ear ornament.

Rising from the body 10 adjacent one end thereof is a post or pedestal 11 preferably of blade-like formation with a disk base 12 interposed between the body 10 and pedestal 11. The side edge of the pedestal 11 adjacent the end 10a of the body 10 is beveled forwardly as at 13 and the upper terminal end of the pedestal 11 is arcuately bent rearwardly and downwardly to form a hook 14. A coil spring 15 freely surrounds the pedestal 11, the lower end thereof being centered by the disk base 12 and is of a length when untensioned to have its upper end terminate in the plane of the upper end of the hook 14 or slightly above the latter.

The attaching clip 16 is of blade-like formation and functions as a lever, one end of the clip lever 16 being angularly bent out of the plane of said clip and enlarged into disk formation as at 17 for engagement with the lobe of the ear of a wearer. The other end of the clip lever 16 is angularly bent in the opposite direction from said lobe-engaging disk 17 and is enlarged into disk formation as at 18 to be referred to as the pivot end of the clip. The pivot disk portion 18 is provided with a central opening 19 and the side of the pivoted end disk 18 opposite the clip 16 has a substantially V-shape cut-away portion 20 providing a pair of relatively short finger extensions 21.

The ear ornament and its attaching clip comprises three elements, namely, the ornamental plate-like body 10, the coil spring 15, and the attaching clip 16. To place the attaching clip 16 in pivotal position on the pedestal 11, the pivot disk 18 is perpendicularly positioned relative to the body 10 and the finger extensions 21 engaged with the upper end of the coil spring 15 to depress or compress the same to position the opening 19 for reception of the hook 14 at the upper end of the pedestal, pivotal movement of the clip 16 then causing the ear lobe-engaging disk 17 to be moved toward the end 10b of the body 10 under influence of the spring 15. With the element positioned as illustrated in Figure 2, it will be observed that the spring 15 being engaged with the pivoted end disk 18 of the clip 16 normally influences the ear lobe-engaging end 17 toward the body 10. It will also be observed that clip 16 pivots in the nature of a lever with the finger portions 21 constituting the short end of the lever. The coil spring 15 may be rotatably adjusted upon the pedestal 11 to position the lower terminal end 15a of the spring 15 and the

upper terminal end 15b of said coil spring in alignment under the finger extensions 21 and thereby obtain increased tension on the clip 16. Such tension of spring 15 may be reduced by rotatably adjusting the coil spring 15 to displace the terminal ends 15a and 15b of the spring and laterally or forwardly of the pedestal 11. Also, the mounting of the clip upon the pedestal 11 permits the same to be held in a perpendicular position so that the user may attach the ear ornament with one hand.

In the form of invention shown in Figures 4 and 5, the body 10 with its pedestal 11 and clip 16 are of the same construction and design as the corresponding elements in Figures 1 to 3, but in lieu of the coil spring 15 there is substituted a leaf spring 22 shown in developed plan view in Figure 5 as being forked at one end as at 23 and having an eye 24 at its other end. The leaf spring 22 has its eye 24 first engaged with the hook 14 at the upper end of the pedestal 11 and thereafter flexed as at 22a, with the forked end 23 straddling the lower end of the blade-like pedestal and being engaged with the adjacent face of the body 10. The edge wall 24a of the eye 24 is then engaged by the finger extensions 21 on the pivot end disk 18 of the clip to be depressed thereby for positioning the opening 19 to receive the hook 14, pivotal movement of the clip 16 then moving the ear lobe-engaging end 17 toward the body 10. In this form of the invention it will be observed that maximum force of the spring 22 is exerted at the end 24a on the finger extensions 21 rearwardly of the pedestal 11 for obtaining maximum tensions on the clip 16.

From the above detailed description of the invention, it is believed that the construction and use thereof will at once be apparent and while there are herein shown and described the preferred embodiments of the invention, it is nevertheless to be understood that minor changes may be made therein without departing from the spirit and scope of the invention as claimed.

I claim:

1. In an attaching clip for ear ornaments, an ornamental body having a pedestal rising therefrom, a clip lever having one end pivoted on the upper end of the pedestal, and a spring interposed between the body and pivoted end of the clip lever for forcing the free end of the clip lever into engagement with said body, said pivotal connection including a separable hook and eye.

2. In an attaching clip for ear ornaments, an ornamental body having a pedestal rising therefrom, a clip lever having one end pivoted on the upper end of the pedestal, and a spring interposed between the body and pivoted end of the clip lever for forcing the free end of the clip lever into engagement with said body, said pivotal connection including a hook on the upper end of the pedestal and the adjacent end of the clip being of disk-like form and having an eye therein for the reception of the hook.

3. In an attaching clip for ear ornaments, an ornamental body having a pedestal rising therefrom, a clip lever having one end pivoted on the upper end of the pedestal, and a spring interposed between the body and pivoted end of the clip lever for forcing the free end of the clip lever into engagement with said body, said spring being of the coiled type and surrounding the pedestal, the clip lever extending a short distance rearwardly of the pedestal with the upper and lower terminal ends of the spring aligned rearwardly of the pedestal and engaged with the short

end of the clip lever to produce maximum tension on the clip lever.

4. In an attaching clip for ear ornaments, an ornamental body having a pedestal rising therefrom, a clip lever having one end pivoted on the upper end of the pedestal, and a spring interposed between the body and pivoted end of the clip lever for forcing the free end of the clip lever into engagement with said body, said pivotal connection including a separable hook and eye, said spring being of the coiled type and surrounding the pedestal, the clip lever extending a short distance rearwardly of the pedestal with the upper and lower terminal ends of the spring aligned rearwardly of the pedestal and engaged with the short end of the clip lever to produce maximum tension on the clip lever.

5. In an attaching clip for ear ornaments, an ornamental body having a pedestal rising therefrom, a clip lever having one end pivoted on the upper end of the pedestal, and a spring interposed between the body and pivoted end of the clip lever for forcing the free end of the clip lever into engagement with said body, said pivotal connection including a hook on the upper end of the pedestal and the adjacent end of the clip being of disk-like form and having an eye therein for the reception of the hook, said spring being of the coiled type and surrounding the pedestal, the clip lever extending a short distance rearwardly of the pedestal with the upper and lower terminal ends of the spring aligned rearwardly of the pedestal and engaged with the short end of the clip lever to produce maximum tension on the clip lever.

6. In an attaching clip for ear ornaments, an ornamental body having a pedestal rising therefrom, a clip lever having one end pivoted on the upper end of the pedestal, and a spring interposed between the body and pivoted end of the clip lever for forcing the free end of the clip lever into engagement with said body, said spring being of the leaf type with a fork at one end for straddling the pedestal and an eye at the other end through which the upper end of the pedestal passes, the clip lever extending a short distance rearwardly of the pedestal with the outer end of the eye portion of the leaf spring engaged with the shorter end of the clip lever to produce maximum tension on the clip lever.

7. In an attaching clip for ear ornaments, an ornamental body having a pedestal rising therefrom, a clip lever having one end pivoted on the upper end of the pedestal, and a spring interposed between the body and pivoted end of the clip lever for forcing the free end of the clip lever into engagement with said body, said pivotal connection including a separable hook and eye, said spring being of the leaf type with a fork at one end for straddling the pedestal and an eye at the other end through which the upper end of the pedestal passes, the clip lever extending a short distance rearwardly of the pedestal with the outer end of the eye portion of the leaf spring engaged with the shorter end of the clip lever to produce maximum tension on the clip lever.

8. In an attaching clip for ear ornaments, an ornamental body having a pedestal rising therefrom, a clip lever having one end pivoted on the upper end of the pedestal, and a spring interposed between the body and pivoted end of the clip lever for forcing the free end of the clip lever into engagement with said body, said pivotal connection including a hook on the upper end of the pedestal and the adjacent end of the clip being

of disk-like form and having an eye therein for the reception of the hook, said spring being of the leaf type with a fork at one end for straddling the pedestal and an eye at the other end through which the upper end of the pedestal 5 passes, the clip lever extending a short distance rearwardly of the pedestal with the outer end of the eye portion of the leaf spring engaged with the shorter end of the clip lever to produce maximum tension on the clip lever.

9. In an attaching clip for ear ornaments, an

ornamental body having a pedestal rising therefrom, a clip lever having one end loosely and removably engaged with the upper end of the pedestal, and a spring interposed between the body and pivoted end of the clip lever for forcing the free end of the clip lever into engagement with said body, said spring having an interfitting connection with said pedestal for maintaining the spring in operative position relative to the 10 associated clip lever.

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