No. 857,105. PATENTED JUNE 18, 1907.

C. H. PATTEN.

ATTACHMENT FOR HOLDING EAR ORNAMENTS.

APPLICATION FILED MAR. 14, 1907.

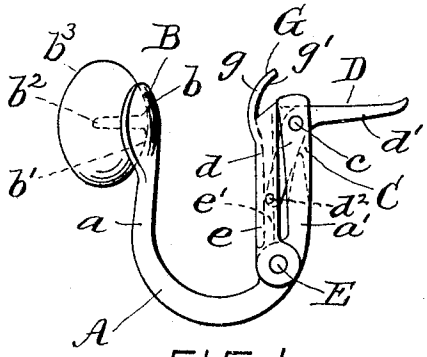

FIG. 1.

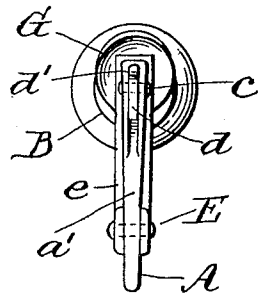

FIG. 2.

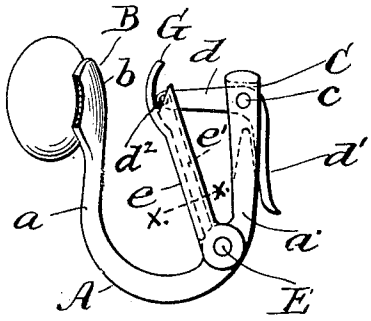

FIG. 3.

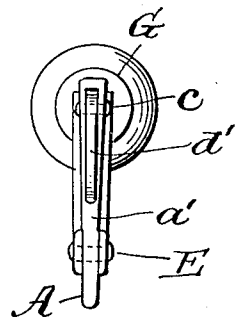

FIG. 4.

FIG. 5.

WITNESSES.

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ATTACHMENT FOR HOLDING EAR ORNAMENTS.

No. 857,105. Specification of Letters Patent. Patented June 18, 1907.

Application filed March 14, 1907. Serial No. 362,286.

To all whom it may concern:

Be it known that I, CHARLES H. PATTEN, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Attachments for Holding Ear Ornaments, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention relates to attachments for holding ear ornaments, and has for its essential objects comfort, security, facility of engagement and disengagement, improved appearance, and cheapness.

To the above ends essentially my invention consists in the novel construction and combination of parts hereinafter set forth, and illustrated in the accompanying drawings, wherein Figures 1 and 2 are side and rear end elevations respectively of an attachment embodying my invention in open position. Figs. 3 and 4, similar elevations respectively of the same in closed or engaged position, and Fig. 5, a section on line $x\,x$ of Fig. 3.

Like reference characters indicate like parts throughout the views.

My attachment comprises a loop, A, having upon its outer arm, a, a bearing plate, B, whose inner face is convex as at b, and whose opposite face is concave as at b', to form a seat for the ear ornament, b^3 which may be fixed therein in any convenient manner; such, for instance, as by setting prongs, or by the post, b^2, soldered to the concave surface of the plate, B, as shown in broken lines in Fig. 1. The inner arm, a', of the loop, A, is provided in its upper or end portion with an oblong slot, C, and a pivot pin, c, which traverses the slot, and on which is mounted a lever, D, comprising the two arms, d and d'. There are lateral lugs, d^2, upon the end of arm, d. In the lower or inner end of the arm, a', is a pivot pin, E, upon which is mounted a hollow arm, e, provided with a longitudinal slot, e', and upon its end, a bearing plate, G, having a convex bearing surface, g, and a concave opposite surface, g', in which the end of the lever arm, d, rests when the attachment is in engaged position.

My device is operated by raising the lever arm, d', and then applying the loop, A, to the lobe of the ear. The lever arm, d', is then manually depressed, whereby the lever arm, d, is forced upwardly along the channel, e', with which it registers, the lugs, d^2, serving to guide and retain the arm, e. The result of the described movement is to gradually force the bearing plate, G, and its arm, e, toward the bearing plate, B, whereby the ear lobe is frictionally held by the plates, B and G.

It will be observed that by this construction the attachment may be engaged to the ear by a single motion; and that after it is engaged the free end of the engaging device does not project to interfere with the wearer's neck, nor is it conspicuous.

What I claim is,

1. In a device of the character set forth, the combination with a loop having one end formed with a seat for an ornament, of a hollow arm pivoted to one arm of said loop and having a concavo-convex surface at its free end, and a lever pivoted near the free end of said arm of the loop with its free end resting in the concave portion of the pivoted arm when the parts are in engaged position.

2. In a device of the character set forth, the combination with a loop having one end formed with a seat for an ornament, of a hollow arm pivoted to one arm of said loop and having a concavo-convex surface at its free end, and a lever pivoted near the free end of said arm of the loop with its free end resting in the concave portion of the pivoted arm when the parts are in engaged position, said pivoted arm having a longitudinal slot and the lever having lateral lugs.

3. In a device of the character set forth the combination with the loop and a concavo-convex bearing plate upon one end of the loop, of an ornament mounted in the convex face of said bearing plate, an arm pivotally mounted in the loop, a concavo-convex bearing plate upon the arm, and means upon the other end of the loop for forcing the second bearing plate toward the first bearing plate and having a portion engaging the concave face of said plate of the arm when the parts are in their engaged position.

In testimony whereof I have affixed my signature in presence of two witnesses.

CHARLES H. PATTEN.

Witnesses:

HORATIO E. BELLOWS,

WALTER E. GOODWIN.