CLIP FOR HEARING AID CASES

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2 Claims. (Cl. 24-3)

1. My invention relates generally to spring clips and, more specifically, to means for securing hearing aid casings and the like to a pocket or other portion of a wearer's garment.

The primary object of my invention is the provision of highly efficient and inexpensive means for securing hearing aid casings and the like to the pocket or other portion of the garment of the wearer.

Another highly important object of my invention is the provision of means whereby the hearing aid casing may be quickly and inexpensively secured to and removed from a hearing aid casing or the like without the use of any special tools.

The above and still further objects of my invention will become apparent from the following detailed specification, appended claims, and attached drawings.

Refer to the drawings, wherein like characters indicate like parts throughout the several views:

Fig. 1 is a fragmentary view in front elevation, illustrating the use of my novel clip in securing the hearing aid casing to the pocket of a garment;

Fig. 2 is a view in side elevation of a hearing aid casing with my novel clip applied thereto, some parts broken away and some parts shown in section;

Fig. 3 is an enlarged fragmentary detail as seen from the line 3—3 of Fig. 2; and

Fig. 4 is a view in perspective of one of the casing sections of a hearing aid casing, one of the clips of my invention applied thereto and one removed therefrom.

Referencing with greater particularity to the drawings, the numeral 1 indicates, in its entirety, the case, for hearing aids or the like comprising front and rear shell-like sections 2 and 3 respectively, as shown, the front section 2 being provided with a lip or flange 4 which is telescopically received within the peripheral edge portion or lip 5 of the rear section 3.

One of the sections, preferably as shown, the front section 2, is provided, in its opposite side walls 6 and 7, with notches 8 which extend inwardly from the edges thereof toward the front wall 3. The casing sections 2 and 3 are preferably formed from plastic or other molded material and in any event are provided with recesses 10 on the interior of the side walls 6 and 7 which extend downwardly from the notches 8.

The numeral 11 indicates, in their entireties, generally U-shaped spring clips which, preferably and as shown, are each provided with one relatively long leg 12 and one relatively short leg 13. The relatively short leg 13, intermediate its extreme ends, is provided with an angular portion 14 which, as shown, is adapted to extend transversely through one of the notches 8. Depending from the portions 14 are foot portions 15 which are of a size to be snugly received within the recesses 10.

When it is desired to apply the clips 11 to the casing 1, the sections 2 and 3 are separated and the clips 11 are applied to the front section 2 by inserting the angular portion 14 laterally into the notches 8 so that the feet 15 come to rest within the recesses 10. It will be seen that, when the spring clips 11 are thus positioned, the longer legs 12 make frictional engagement with the exterior of the side walls 6 and 7 below the lower end of the feet 15. It will be obvious that, when the rear casing section 3 is applied as shown in Fig. 2, so as to close the notches 8, the spring clips 11 are retained within the notches 8 against accidental removal. In fact, removal can be accomplished only by separation of the sections 2 and 3. It will be understood that the casing sections 2 and 3 may be locked together by means not shown, such means forming no part of the instant invention.

It will be seen, by reference particularly to Figs. 1 and 2, that spring clips 11 are locked in close proximity to the top of the casing 1 so that the greater part of the weight of the hearing aid lies below the clips 11. The clips 11 thus located permit insertion of the hearing aid casing 1 into a pocket indicated at z in Fig. 1 to substantially the entire depth thereof, with the legs 12 of clips 11 engaging the wall of the pocket z to prevent the hearing aid from accidentally falling outwardly therefrom.

While I have shown a preferred embodiment of the invention, it will be understood that the same is capable of modification without departure from the spirit and scope of the invention as defined in the claims.

What I claim is:

1. In a device of the class described, cooperating front and rear casing sections, one of said sections being provided with a notch in one side wall thereof, a recess on the interior of said wall adjacent the edge thereof extending downwardly from said notch, and a generally U-shaped spring clip, one leg of said clip being provided with an angular portion intermediate its ends adapted to extend through the notch in said casing section, and an offset foot receiv-
able in said recess, the other leg of said clip frictionally engaging the exterior wall of said section.

2. The structure defined in claim 1 in which said notch opens toward the other of said casing sections, whereby to permit removal of said clip from said recess only when said sections are separated.

ELROY W. BORN.

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The following references are of record in the file of this patent:

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