United States Patent

Williams

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[54] WRIST WATCH ASSEMBLY

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Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 780,407, Dec. 2, 1968, abandoned.

[52] **U.S. Cl.** ..... **224/4 E**

[51] **Int. Cl.** **A44c 5/00**

[58] **Field of Search** ..... 224/4 E, 4 K, 4 J

[56] **References Cited**

FOREIGN PATENTS OR APPLICATIONS

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100,292	4/1916	Great Britain	224/4.4

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Assistant Examiner—Lawrence J. Oresky
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[57] **ABSTRACT**

A one piece resilient watch band having at one end an opening therethrough for hingedly connecting that end to the watch by means of one of the usual watch band connecting pins, and a C-shaped slot near the other end opening outwardly of the band for receiving and releasably holding the other watch band connecting pin, whereby a watch may be hingedly connected to said watch band at one end, and releasably connected to the other end.

2 Claims, 4 Drawing Figures

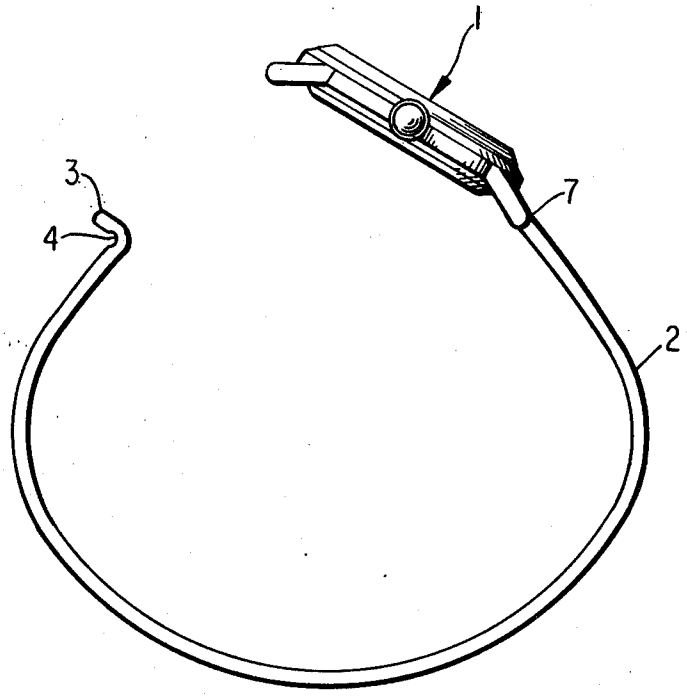


FIG. 1

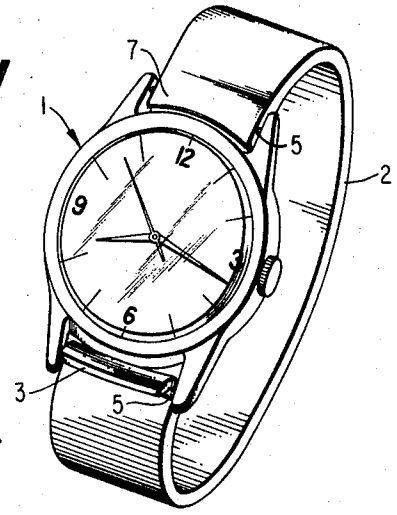


FIG. 2

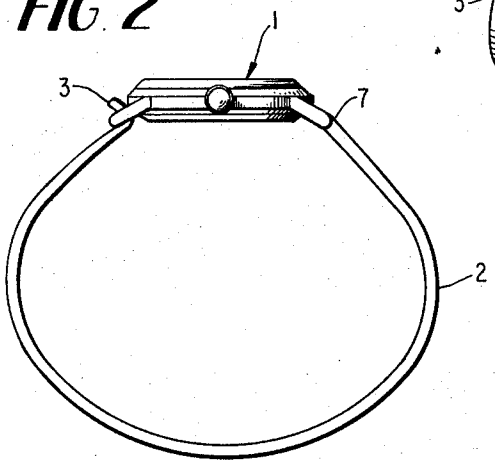


FIG. 3

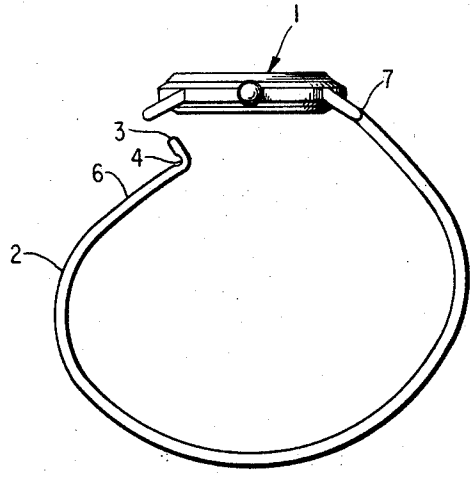
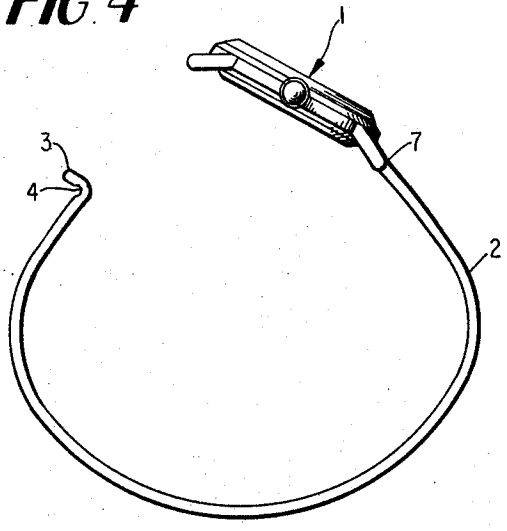


FIG. 4



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WRIST WATCH ASSEMBLY

This application is a continuation-in-part of my now pending application, Ser. No. 780.407, filed December 2, 1968, now abandoned for Wrist Watch Assembly.

This invention relates to a new and improved wrist watch band wherein the watch itself becomes a hinge and the bracelet and watch becomes the latching device completing the wrist encirclement.

Wrist watches are worn by millions of persons and represent a multi-million dollar industry. In addition, the wrist watch band industry devoted to making replacement watch bands is of tremendous size. Despite the magnitude of the effort to provide optimum designs in this area the fact remains that known types of wrist watches still are lacking in some respects. For example, few would argue that a watch band being a necessary and significant part of a watch itself. Unfortunately, this is not true, in so far as most bands are concerned and typically a watch literally wears out three or more watch bands before the watch itself wears out.

In addition to existing watch bands being all too short of life, typically they have other and significant deficiencies. For example, often they are not comfortable and tend to pinch the skin because of watch and watch band edges, which as a minimum usually appear between the two band connections and the watch itself. Further, the typical expanding bands, because of crevices in expanding joints and leather bands pick up perspiration and other objectable odors and the metal bands discolor from perspiration.

It is, accordingly, an object of the present invention to overcome the aforesaid and other difficulties and provide a wrist watch band which effectively eliminates these and other problems.

These and other objects, features and advantages of this invention will become more apparent from the following description when considered together with the drawings in which:

FIG. 1 is a perspective view of an embodiment of the invention; and

FIG. 2 is the side view of the watch and band in its locked position as it would be worn on the forearm; and

FIG. 3 is the side view of the watch and band showing the band in its compressed condition just prior to latching, also showing how the watch itself is pivoted down to latch on the band; and

FIG. 4 is the side view of the watch and band showing the band in its open or relaxed position with the watch pivoted away from the latch prior to placement on the forearm.

Referring now to the drawing wherein the numbers refer to corresponding parts or general location of unique features of this watch band. There is shown a watch movement 1 with band 2 attached to the watch 1 at standard pin 5. Band 2 is completely of one piece construction and can be manufactured from any strong, light and resilient material. End of band is drilled or formed to accommodate standard pin 5 thereby forming hinge 7 when attached to watch. Latching end 3 is inserted between watch 1 and standard pin 5. This is done by placing pressure at pressure point 6 causing band 2 to compress and when in position, watch 1 is snapped down on end 3 and final catch of standard pin 5 resting in C-shaped slot 4.

Contouring of bands 2 to accommodate different size wrists may be accomplished during or after their manufacture and, in fact, by sales personnel at time of sale. By making the band with a smooth inner surface without separation or edges, it is believed that the near ultimate in wrist watch comfort is achieved.

While the invention is illustrated by a single band it is to be appreciated that the scope of the invention is that of the inventive concept of the invention as set forth in the appended claims.

I claim:

1. A one-piece resilient wrist watch band having an opening through one end thereof for the reception of one of the usual band connecting pins on a watch, the other end of the band terminating at substantially a right angle to the band at that end, a C-shaped slot extending across the width of the band and located at the right angle intersection of the said end terminal with the band whereby the pin of the watch may be snapped into the slot.

2. A resilient wrist watch band 35 recited in claim 1 in which the opening through one end thereof and the connecting pin on a watch form a hinge, and said c-shaped slot forms a latch for the other usual standard band connecting pin on said watch.

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