Sept. 5, 1950 A. D. JOHNSTON 2,521,375

WRIST WATCH BAND

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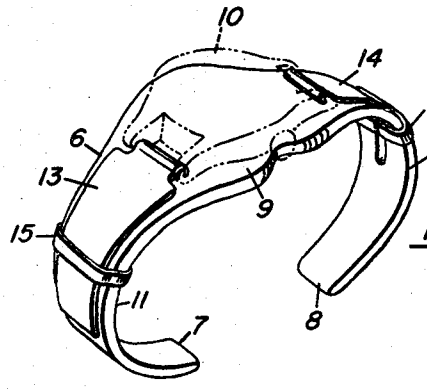


Fig. 1

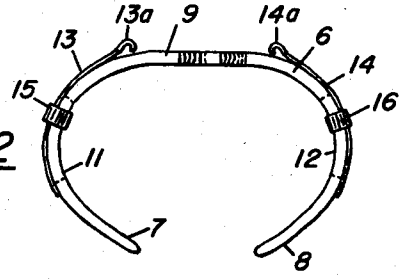


Fig. 2

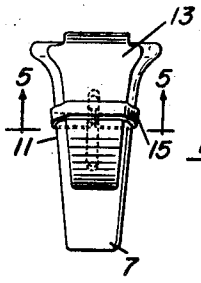


Fig. 4

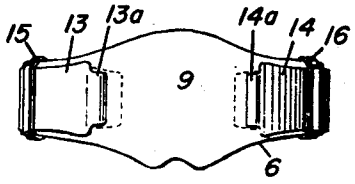


Fig. 3

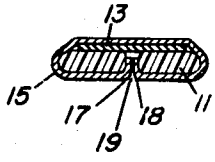


Fig. 5

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WRIST WATCH BAND

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3 Claims. (Cl. 224—4)

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My invention relates to watch wrist bands, and its objects are, to render the band adjustable for ready attachment to different sizes of watches; to provide a mounting rest for a watch corresponding to the shape of the case thereof and guarding the same from contact with the skin of the wearer; to prevent discoloration or stain of the metal parts of the band brought about through the direct touch of said skin or perspiration coming therefrom; to allow the body of the band to be bent to conform with the human wrist and to be easily secured to and removable therefrom; to construct the band with parts of contrasting color and to improve the appearance thereof; to form the body of the band of non-metallic material with detachable metallic watch securing parts mounted and adapted to be adjusted and locked thereon; to render the parts readily accessible for inspection, removal, replacement, renewal or repair; and generally to provide a device which is economical of construction, efficient in action and of prolonged life and durability. These and other objects will appear from the drawing and as hereinafter more fully set forth and described.

My invention primarily consists in forming an open bracelet of solid non-metallic material, having tapering arms and a rest conforming to the shape of a conventional watch case, and in mounting upon said bracelet a pair of adjustable tapered sliding metallic straps positioned and constructed to make wedging or locking attachment with loops carried on the tapered arms of said bracelet and to be detachably connected with the pintle rods of said case and removably to secure said case upon said rest.

My invention further consists of novel features of construction, and combinations and arrangements of elements and parts, illustrated in the drawing and hereinafter more specifically referred to and claimed.

Attention is hereby directed to the accompanying drawing, illustrating a preferred form of my invention, in which similar numerals of designation refer to similar parts throughout the several views, and in which—

Figure 1 is a view in perspective of one form of my improved device, showing the open bracelet with tapered arms, and arcuate tapered straps with catches sliding thereon and secured thereto by metallic loops, the watch case being indicated in dotted lines;

Fig. 2 is a side elevation of the device shown in Fig. 1;

Fig. 3 is a plan view of said device, showing

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the mounting rest, and adjacent sliding straps;

Fig. 4 is an end elevation of said device, showing one of the tapered arms of the bracelet, adjacent sliding tapered strap and loop therefor, and

Fig. 5 is a section on line 5—5 of Fig. 4, looking in the direction of the arrows.

Referring to the drawing, the bracelet 6 is made arcuate in form with open ends 7 and 8, which are spaced a sufficient distance apart to allow the same readily to be slipped over the human wrist the bracelet is designed to fit. Preferably, the said bracelet is formed of a flat strip of "Plexiglas," "Lucite," but may be made of any suitable non-metallic material, and is curved to fit or conform to the normal shape of the human wrist. When made of "Plexiglas," or of any plastic of similar heat bending qualities, the bracelet, upon the application of heat, may be bent to fit any wrist, and upon cooling will become set in the desired form.

At the top or middle portion of the bracelet 6, is formed the mounting rest 9 for seating the watch 10 (here shown in dotted lines), which rest is contoured to conform to the general shape of the said watch and preferably is made slightly larger in order to prevent possible contact of said watch with the skin of the wearer and discoloration therefrom. Sliding upon the outer walls of the arms 11 and 12 of the said bracelet, are the tapered straps 13 and 14, each formed of a thin metallic strip, and curved to conform with the shape of said walls; the top ends of said straps being each bent downwardly to form the hooks or catches 13a and 14a shaped to effect engagement with the pintle rods of the casing of the watch 10.

As shown in the drawing, the arms 11 and 12 are each tapered to the ends 7 and 8 thereof; and mounted upon said arms so as to enclose the same and make detachable locking or wedging contact therewith and also so as to enclose the conforming tapering ends of said straps, are the metallic loops 15 and 16, each being a flattened ring formed of a narrow ribbon or resilient metal formed with inturned abutting ends 17 and 18 positioned to engage and to slide within a longitudinally extending groove 19 formed within the inner wall of the adjacent arm. Since with the exception of said loops, the wall of the bracelet 6 is at all times interposed between the wrist of the wearer and all other metallic parts of the device, including the watch itself, these metallic parts are continually protected from being stained

or discolored from contact with the human skin or perspiration coming therefrom.

By constructing my device of basic non-metallic and superimposed metallic parts, as hereinbefore set forth, a great variety of contrasting color effects and artistic arrangements are made possible. Where the bracelet is transparent in character, as is the case when made of "Plexiglas," with straps with the color of silver or gold, a very pleasing artistic appearance is produced. So also, where the bracelet is of white or colored plastic contrasting but harmonizing with the color of the clamps, an attractive effect is accomplished.

To attach the watch 10 to the bracelet 8, the loops 15 and 16 are slipped or forced downwardly upon the tapered arms 11 and 12, and the same thereby released from wedging engagement at their point of contact with the tapered straps 13 and 14. Then the watch 10 is seated upon the rest 9, and the pintle rods thereof caused to be engaged with the hooks 13*a* and 14*a* of said straps. Thereupon, the said loops are pushed upwardly and caused to make wedging or locking contact with the adjacent tapered portions of said arms and straps, thereby firmly securing said watch to the bracelet 6. To detach the watch, as is obvious, these steps are simply reversed.

My invention may be embodied in other specific forms without departing from the spirit or essential characteristics thereof. The present embodiment, as above set forth is therefore to be considered in all respects as illustrative and not restrictive, the scope of my invention being indicated by the appended claims rather than by the foregoing description, and all changes which may come within the meaning and range of equivalency of the claims are therefore intended to be embraced therein.

What I claim and desire to secure by Letters Patent is:

1. In a device of the character described, the combination of an open solid non-metallic bracelet having tapering arms and a watch case mounting rest, a pair of tapering ended metallic straps, metallic loops slidably connecting said straps with the arms of said bracelet and mounted adjustably to wedge the same thereon, said straps having hooks positioned to engage the pintle rods of said watch case and to secure said case to said bracelet upon said mounting rest.

2. In a device of the character described, the combination of an open solid non-metallic bracelet having tapering arms and a watch case mounting rest in the central portion thereof conforming to the shape of a watch case, a pair of tapering ended metallic straps, a pair of metallic loops slidably connecting said straps with the arms of said bracelet and mounted adjustably to wedge the same thereon, said straps having hooks positioned to engage with the pintle rods of the said watch case, and detachably to secure said case to the arms of said bracelet.

3. In a device of the character described, the combination of a non-metallic bracelet with open arms and with a watch case mounting rest, the inner walls of said arms having formed therein grooves extending longitudinally thereof; a pair of metallic straps shaped to contact the outer walls of said arms; a pair of metallic loops encircling said straps and adjacent portions of said arms, and having inturned contacting ends positioned to engage with and to slide within said grooves; the upper ends of said straps having hooks positioned to engage the pintle rods of said watch case and to secure the same upon said mounting rest; and means for locking said straps in adjusted position upon said bracelet.

ALBERT D. JOHNSTON.

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