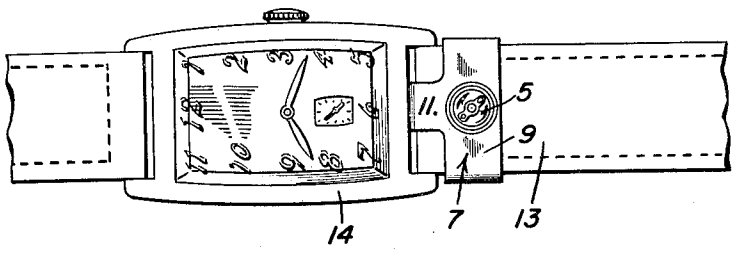
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COMPASS ATTACHMENT FOR WRIST WATCH STRAPS AND BANDS

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Fig. 1.



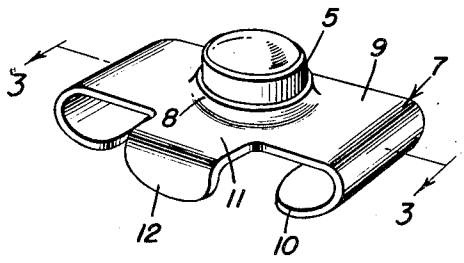
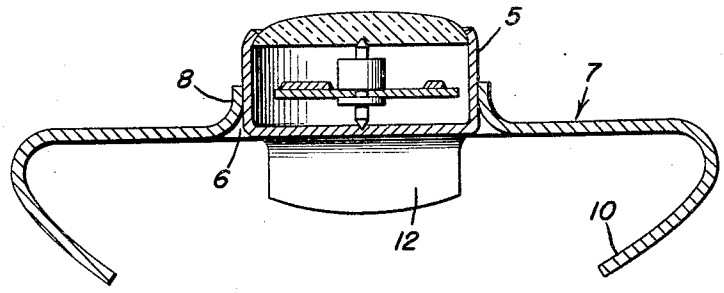


Fig. 2.

Fig. 3.



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COMPASS ATTACHMENT FOR WRIST WATCH STRAPS AND BANDS

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Fig. 4.

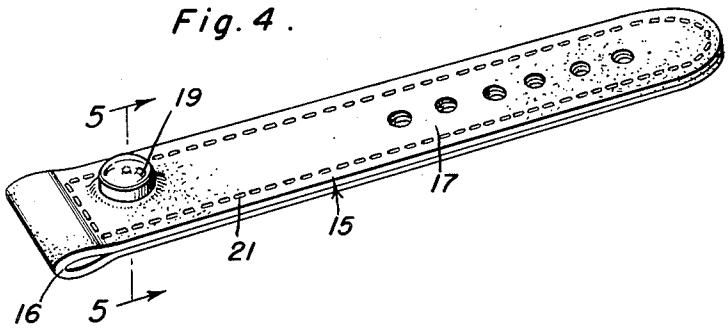


Fig. 6.

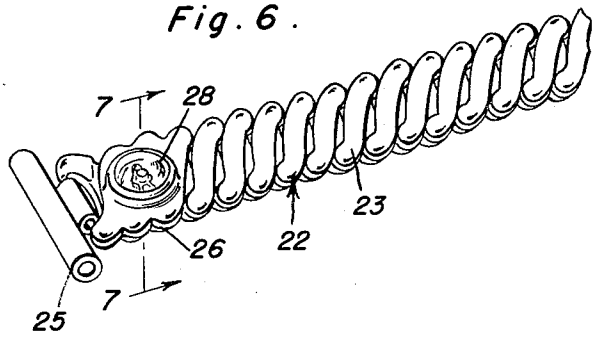


Fig. 5.

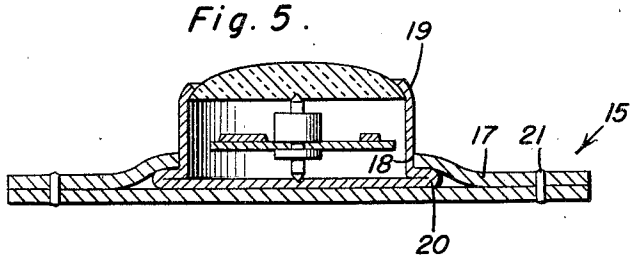


Fig. 7.

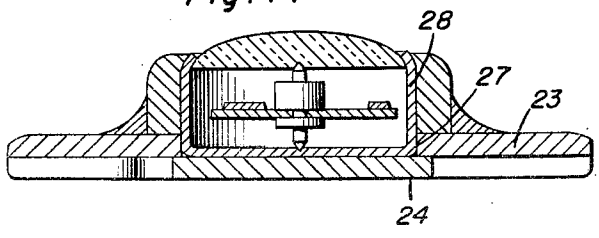
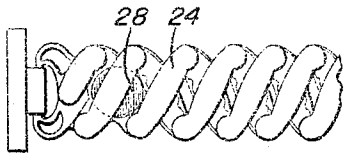


Fig. 8.



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UNITED STATES PATENT OFFICE

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COMPASS ATTACHMENT FOR WRIST WATCH STRAPS AND BANDS

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Application February 11, 1948, Serial No. 7,683

1 Claim. (Cl. 224—4)

1

The present invention relates to new and useful improvements in means for carrying a compass on the leather, metal or other strap of a wrist watch for convenient use or observation by the user.

An important object of the invention is to provide a compass case which may be installed in a wrist watch strap or bracelet at the time of manufacture of the latter, or which may be carried by a clip for attaching to the strap after the manufacture thereof.

A further object of the invention is to provide a compass attachment for use in the manner indicated and which embodies a simple and practical construction, which is neat and attractive in appearance, relatively inexpensive to manufacture and otherwise well adapted for purposes for which the same is intended.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a plan view showing the compass case provided with a clip for attaching to a wrist watch strap.

Figure 2 is a perspective view of the assembled compass and clip.

Figure 3 is an enlarged sectional view taken substantially on a line 3—3 of Figure 2.

Figure 4 is a perspective view showing the compass case carried directly by a leather strap.

Figure 5 is an enlarged transverse sectional view taken substantially on a line 5—5 of Figure 4.

Figure 6 is a fragmentary perspective view of a metal wrist watch strap showing the compass case mounted therein.

Figure 7 is an enlarged transverse sectional view taken substantially on a line 7—7 of Figure 6.

Figure 8 is a rear elevational view thereof.

Referring now to the drawings in detail and first with respect to the form of invention illustrated in Figures 1 to 3 inclusive the numeral 5 designates an annular compass case of suitable material, the case being secured in an opening 6 of a clip 7 in any practical or conventional manner. The opening 6 is formed with an outwardly projecting flange or ring 8 bearing against the sides of the compass case 5 to provide an increased contacting surface between the sides of the compass and the clip to effectively hold the compass case in the opening of the clip.

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The clip 7 is constructed to provide a pair of laterally extending arms 9 having downwardly and inwardly curved hooks 10 at the ends thereof and a longitudinally extending arm 11 likewise having a downwardly and inwardly extending hook 12 at the end thereof.

The clip 7 is attached to the leather strap 13 of a wrist watch by placing the clip on top of the strap and engaging the side edges of the strap with the hooks 10 and engaging the end of the strap adjacent the watch 14 by the hook 12. The compass is thus supported on the strap in a convenient position immediately adjacent the watch and held against transverse as well as longitudinal movement on the strap.

In the form of the invention illustrated in Figures 4 and 5 the leather strap designated generally at 15 is formed of a double layer of material folded upon itself to provide a loop 16 at its folded end for attaching to a watch and the upper layer of the material 17 is formed with an opening 18 in which the compass case 19 is positioned. The base of the compass case is formed with an annular flange 20 positioned between the upper and lower layers of the strap material, the leather being of sufficient stiffness to firmly hold the compass case in position.

The upper and lower layers of the strap may be suitably secured to each other such as by means of stitching 21.

In Figures 6 to 8 inclusive I have illustrated an expansible metal wrist watch strap 22 which includes upper and lower links 23 and 24, the upper links, adjacent the wrist watch attaching sleeve or loop 25 being united as shown at 26 and formed with an opening 27 therein and in which the compass case 28 is suitably secured.

In view of the foregoing description taken in conjunction with the accompanying drawings it is believed that a clear understanding of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and the scope of the appended claim.

Having described the invention, what is claimed as new is:

A clip comprising a flat sheet of rigid material having an opening adapted for receiving an instrument case positioned in the opening with the back of the case flush with the underside of the

clip, a pair of arms extending outwardly from diametrically opposite sides of the opening and having inwardly extending opposed hooks at their outer ends positioned behind the clip, and a third arm extending from the opening at right angles to said pair of arms and also having an inwardly extending hook at its outer end positioned behind the clip, said pair of hooks being engageable with the side edges of a strap and said third hook being engageable with an end of the strap.

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