April 6, 1948. T. SPECTOR 2,439,274

WRIST BAND OR STRAP FOR WATCHES

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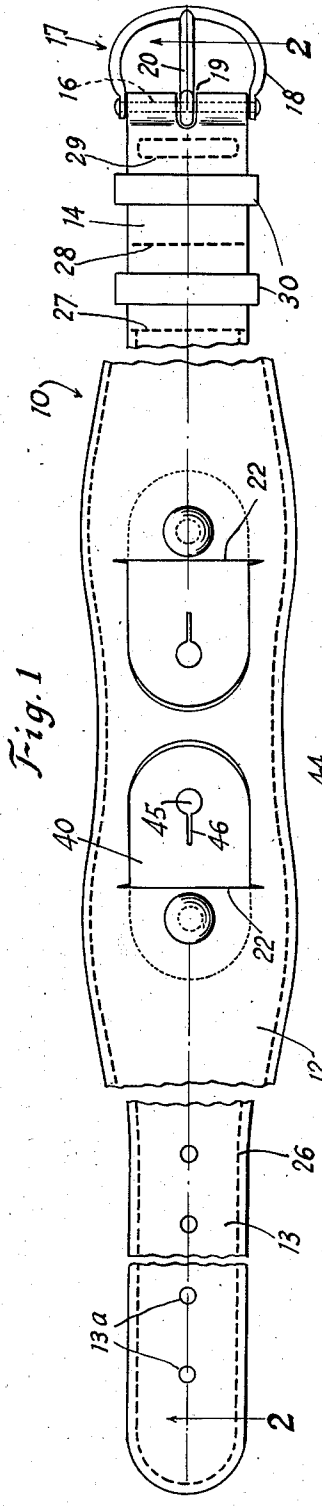


Fig. 1

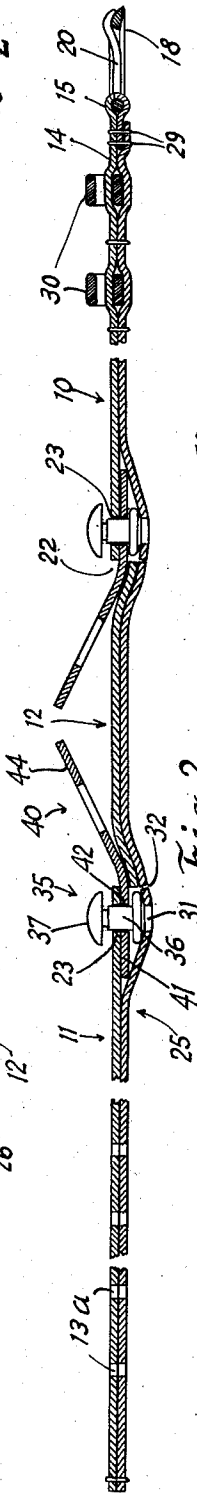


Fig. 2

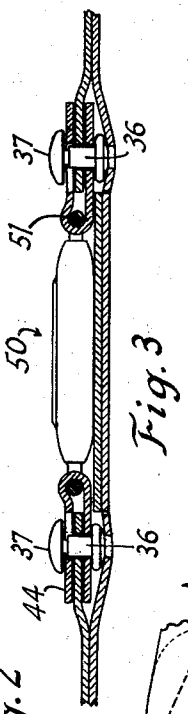


Fig. 3

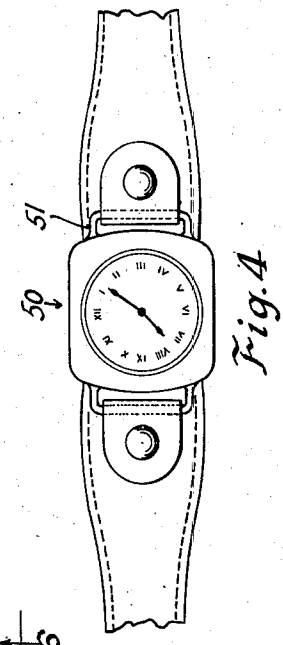


Fig. 4

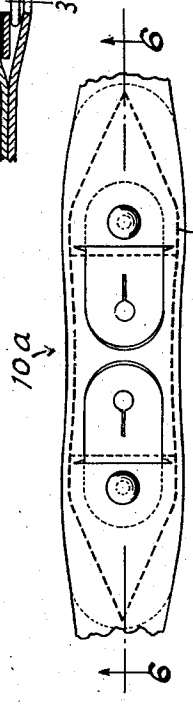


Fig. 5

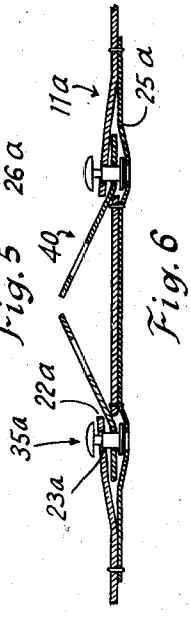


Fig. 6

INVENTOR
Theodore Spector
BY
J. B. Fellin
ATTORNEY

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WRIST BAND OR STRAP FOR WATCHES

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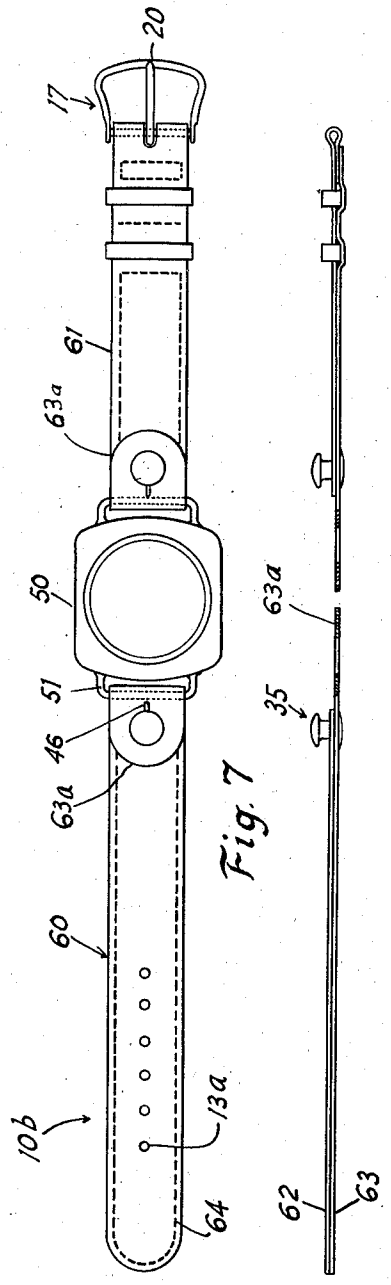


Fig. 7

Fig. 8

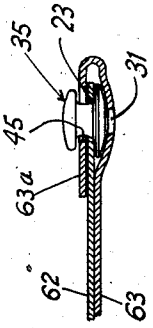


Fig. 9

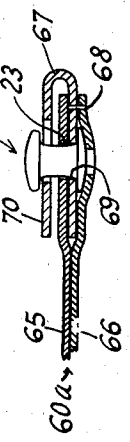


Fig. 10

INVENTOR
Theodore Spector
BY
J.B. Falahin
ATTORNEY

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WRIST BAND OR STRAP FOR WATCHES

Theodore Spector, New York, N. Y.

Application September 13, 1947, Serial No. 773,867

4 Claims. (Cl. 224—4)

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This invention relates to wrist bands or straps for watches.

In the ordinary wrist band, a pair of separate strap portions are connected to the end bars or pins of the wrist watch. All such separate strap portions pulling on the bars of the wrist watch often tear, due to such pull.

It is, therefore, an object of the present invention to obviate such difficulty as was expressed with former wrist watch bands.

A further object of this invention is to provide a wrist watch band which completely encircles the wrist and on which is mounted a pair of strips which pass through the end bars of the wrist watch, means being provided to releasably engage the ends of such strips whereby to reduce the strain or pull on the strips which engage the loops of the wrist watch thereby prolonging the life of the wrist watch band or strap.

Another object of this invention is to provide a strap of the character described formed with a pair of spaced slits, and through openings at the outer sides of said slits, rivets extending through said holes and flexible folded back strips, each having a portion passing through one of the slits and formed with an opening through which the rivet passes and having a portion overlying the strap and likewise formed with an opening through which the rivet passes, said strips thus being looped and anchored to the rivets and adapted to pass through loops on the wrist watch disposed between the looped strips.

Still another object of this invention is to provide a wrist watch band comprising a pair of strips, wherein end portions of said strips are adapted to be looped about the bars or pins of a wrist watch, means being provided to releasably engage the ends of said end portions, the other end portions of said strips comprising a perforated tongue and coacting buckle.

Still a further object of this invention is to provide a strong, rugged and durable wrist watch strap which shall have long life, which shall be relatively inexpensive to manufacture, which shall be comfortable to wear, attractive in appearance, easy to manipulate and attractive and efficient to a high degree in use.

Other objects of this invention will in part be obvious and in part hereinafter pointed out.

The invention, accordingly, consists in the features of construction, combinations of elements, and arrangement of parts which will be exemplified in the construction hereinafter described, and of which the scope of application will be indicated in the following claims.

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In the accompanying drawing, in which is shown various possible illustrative embodiments of this invention,

Fig. 1 is a top plan view of a wrist watch strap embodying the invention, with parts broken away;

Fig. 2 is a cross-sectional view taken on line 2—2 of Fig. 1;

Fig. 3 is a partial view similar to Fig. 2 but showing the wrist watch attached to the wrist watch strap;

Fig. 4 is a top plan view of the structure shown in Fig. 3;

Fig. 5 is a partial view similar to Fig. 1 and illustrating a modified construction;

Fig. 6 is a cross-sectional view taken on line 6—6 of Fig. 5.

Fig. 7 is a top plan view of a wrist watch strap and watch attached thereto embodying the invention and illustrating a modification thereof;

Fig. 8 is an elevational view of the strap members shown in Fig. 7 with the end portions thereof in their detached position;

Fig. 9 is a sectional view of the end portions of one of the members of the strap shown in Fig. 8, with the end of the member in attached position; and

Fig. 10 is a sectional view similar to that shown in Fig. 9 and showing a modification thereof.

Referring now in detail to the drawing, 10 designates a wrist watch strap or band embodying the invention. The band 10 comprises a top strap portion 11, which may have a central enlarged portion 12, a tongue 13 at one end and a neck portion 14 at the other end. The tongue 13 may be provided with the usual holes 13a for adjusting the strap to the wrist of the wearer. Extending from the neck 14 is a turned back portion 15 contacting the underside of portion 14 and forming a sleeve to receive a bar 16 forming part of a buckle 17. The buckle 17 may include a U-shaped metal bar 18, the ends of which engage the ends of the bar 16. The sleeve 15 is formed with a central slot 19 and received on the bar 16 at the slot is the usual prong 20 adapted to be received in one of the openings 13a.

The portion 12 of member 11 is formed with a pair of transverse slits 22 equally spaced from the middle of said strap portions. Said strap portion is furthermore formed at the outer side of each slit 22 with a hole 23 for the purpose hereinafter appearing. The holes 23 are somewhat spaced from the slits 22. The holes 23 are more remote from each other than the slits 22, but each hole 23 is adjacent one slit.

Attached to the underside of the top member 11 is a bottom strap member 25 which is substantially superimposed thereunder and of the same shape and size. Members 11 and 25 are stitched together by a line of stitching 26 extending close to the edges of said strap portions, but terminating short of the neck 14. At the neck 14 is a transverse line of stitching 27 located at the adjacent ends of the line of stitching 26. The neck 14 is also formed with a transverse line of stitching 28, parallel to and spaced from the line of stitching 27. It is also formed with a double line of stitching 29, spaced from and parallel to the line of stitching 28 and disposed closely adjacent to the sleeve 15.

It will be noted that member 25 terminates just beyond the line of stitching 29 and underlies the bent back portion of strap 11 which contacts the underside of neck 14.

Loops 30 may be provided between lines of stitching 27, 28 and 29, to receive the tongue portion of the strap.

The loops 30 may pass between the strap portions 11 and 25 as shown in Fig. 2 of the drawing. The portion 25 may, likewise, be formed with openings 31 registering with openings 23 and with slits 32 registering with the slits 22. The openings 31 and slits 32 have no function but while the holes 23 and slits 22 are punched, the bottom strap portion is likewise punched, such punching may be done after the strap portions 11 and 25 have been sewed together.

Extending through each opening 23 is a rivet or stud 35. Each stud 35 comprises a female member 36 and a male member 37. The head of the female member 36 is disposed between the strap portions 11 and 25 and its shank passes upwardly through the opening 23. The head of the male member 37 is above strap portion 11 and its shank is riveted within the shank of the female member 36. Connected to each stud 35 is a flexible strip or tab 40. Each strip 40 has a portion 41 which is passed through a slit 22 and is formed with an opening 42 through which the shank of the female stud member 36 passes. Obviously, in attaching each strip 40 to the stud 35, the shank of the female stud member is first passed through opening 42 in the portion 41 and said portion 41 is passed through the slit 22 and the stud member 36 is also passed through the slit beneath strap portion 12 and its shank 36 is passed upwardly through opening 23. Thereafter, the shank of the male stud member 37 is passed through opening 23 and is fitted onto the female member 36. The two stud portions are then riveted together. The end 44 of strip 40 opposite to the end 41 is formed with an opening 45 from which extends a longitudinal slit 46.

In Figs. 3 and 4 there is shown a watch 50 attached to the strap 10. The watch 50 is formed with bars or pins 51 at its ends. The ends 44 of the strips 40 are passed around the bars 51 and the heads of the male stud portion 37 are passed through the openings 45 so that said straps engage the shanks of the studs thereby anchoring the watch 50 to the strap 10.

In Figs. 5 and 6 there is shown a strap 10*a* embodying the invention and illustrating a modified construction. In strap 10*a* there is provided a top strap member 11*a* substantially similar to the strap member 11. The strap member 25, however, is replaced by a lining member 25*a* which terminates on opposites sides of the central portion of the strap member 11*a*.

The lining 25*a* is stitched to the strap member

11*a* by a line of stitching 26*a*. Member 11*a* is likewise formed with transverse slits 22*a*, and with through openings 23*a* through which the studs 35*a* pass. The strap member 11*a* is provided with strips or tabs 40, similar to the strips 40 of Figs. 1 to 4, and similarly attached to a watch 50.

It will now be understood that the improved watch strap enclosed herein may be simply put on and may fit any sized watch and protects the watch from corrosion and from being lost. It is decorative, comfortable to wear and protects the watch from acidity. It is not necessary, furthermore, to remove the spring pressed end bars of the wrist watch in order to attach the watch to the strap made in accordance with the present invention. Also, in the case of bars fixed to the watch, the strap may be readily applied.

The strips or flaps 40 are easily buttoned to the studs for fastening the strap to the watch.

It can now be readily understood that I have produced a very simple organization including a main strap having spaced transversely arranged slits 22 defining four portions, one portion flanking each side of each slit 22. One end of each strip 40 is inserted through its slit 22 and is anchored or secured therein by the stud 37. The other end of each strip 40 is free and is folded to form a loop and its free end is detachably secured in place by the stud 37. The ends of the strip 40 engage and embrace one slitted portion which is located between said ends.

It is also to be noted that the free ends 44 of the strips are free from recesses, inserts or projections of any kind and thereby facilitate the insertion of each free end 44 between the watch 50 and its bars 51.

In Figs. 7, 8 and 9 there is shown a strap 10*b* embodying the invention and illustrating a modified construction. Strap 10*b* comprises strap members 60 and 61. Strap member 60 comprises a tongue member formed with holes 13*a* which may be engaged by the prong 20 of buckle 17 on strap member 61. The strap member 60 further comprises an upper strip 62 and lower strip 63, the strips being secured together by parallel lines of stitching 64 interconnected at the tongue end of the strap. The stitching 64 extends to the opposite end of strips 62, 63. One end 63*a* of strip 63 projects beyond the end of strip 62 and is formed with an opening 45 and slot 46 similar to that shown in Fig. 1. The strip 62 is formed with an opening 23 spaced from the end of the strip. A rivet 35, such as previously described, is inserted in the opening 23, as shown in Fig. 9. The end portion 63*a* may be looped around the bar 51 of watch 50 and detachably secured to the rivet 35, in the manner previously described. The lower strip 63 is formed with an opening 31 as an incident to the punching operation which forms opening 23 in strip 62. It will be apparent that the rivet 35 may be readily inserted by passing the shank of the female portion thereof between the unsecured ends of strips 62, 63 disposed between the lines of stitching 64, and up through the opening 23 in strip 62. The strap member 61 is similarly provided with an end portion 63*a* which may be looped about the other bar 51 of watch 50 and detachably attached to a rivet 35 mounted on the end portion member 61 opposite to the end portion on which is mounted the buckle 17 in the manner previously described.

In Fig. 10 is shown the end portion of a strap member 60*a* similar to that shown in Fig. 9 and illustrating a modified construction thereof. The

same comprises a pair of strip members **65**, **66**, having coterminous ends. The strip **65** is formed with an opening **23**. A tab or strip **67** is inserted between the ends of strips **65**, **66** and is secured by stitching **68**. The tab **67** is formed at its inserted end with an opening **69** registering with opening **23**. The projecting portion **70** of the tab is formed with an opening **45** and slot **46**, as previously described. A rivet **35** is mounted between the strips **65**, **66**, with its shank passing through opening **69** in tab **67** and opening **23** in strip **65**. The projecting portion **70** is adapted to be looped about bar **51** of a watch **50** and detachably attached to the rivet **35**, in the manner previously described. It is understood that a coacting buckle strap member is similarly provided with bar engaging end portions, as described above. The tab **67** may be further secured to the strips **65**, **66** by passing the stitching **68** through both of the strips **65**, **66**, after the rivet **35** has been properly inserted.

It will thus be seen that there is provided a device in which the several objects of this invention are achieved, and which is well adapted to meet the conditions of practical use.

As various possible embodiments might be made of the above invention, and as various changes might be made in the embodiment above set forth, it is to be understood that all matter herein set forth or shown in the accompanying drawing is to be interpreted as illustrative and not in a limiting sense.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A wrist watch strap comprising an elongated strap member having a buckle at one end, and a tongue formed with apertures in its opposite end, said strap member being formed between the buckle and tongue with a pair of parallel spaced transverse slits defining slitted portions and with a pair of holes more remote from each other than said slits, each of said holes being adjacent a slit, studs having shanks passing through said holes, each stud having a head at each of its opposite ends, a combination with a pair of strips having openings in their opposite ends, each strip passing through one slit and having one of its ends anchored to one of said studs, each strip being folded upon itself to define a loop and having its opposite end removably engaging said stud, said strip ends engaging opposite sides of a slitted portion of said strap, in further combination with a second strap stitched to said first named strap and over-lying the stud heads adjacent the wearer's wrist.

2. A strap adapted to be worn about the wrist of a person, said strap comprising a flexible member having a pair of spaced substantially parallel transversely arranged slits, said member having holes therein more remote from each other than said slits, each hole being adjacent one slit, a

stud passing through each hole, in combination with a pair of flexible strips having one end of each strip passing through one of said slits and anchored on one of said studs, the opposite free ends of said strips being provided respectively with an opening, each strip being folded upon itself to define a loop with said free ends removably engaged respectively over one of said studs, each pair of strip ends embracing one slitted portion.

3. In combination a wrist watch strap comprising a flexible strap member formed with a pair of spaced, transversely arranged slits and a pair of holes more remote from each other than said slits, each hole being adjacent one of said slits, studs passing through said holes and formed with heads on opposite ends thereof, in combination with a flexible strip passing through each slit and having one end thereof permanently anchored to one of said studs, the opposite free ends of said strips being provided respectively with an opening, a wrist watch interposed between said slits and having its bars engaged by said strips, each strip being folded upon itself to define a loop embracing one of said bars, said ends of each strip embracing one slitted portion and having each free end removably engaged over one of said stud heads.

4. A wrist watch strap comprising a pair of superposed strap members stitched together, the top strap member being formed with a pair of spaced, transversely arranged slits and a pair of holes more remote from each other than said slits, each hole being adjacent one of said slits, studs passing through said holes, each stud comprising an intermediate shank portion engaging one of said holes and heads on the opposite ends of said studs, the lower head being disposed between said strap members, a flexible strip passing through each slit and having one end thereof anchored on one of said studs and its opposite free end being provided with an opening adapted to button on the top of said stud, each strip being folded on itself to define a loop, the ends of each strip embracing a single slitted portion of said top strap.

THEODORE SPECTOR.

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