Dec. 20, 1949 R. S. TURPIN 2,491,592

WATCH SUPPORTING WRIST BAND

Filed Feb. 14, 1946

FIG. 1

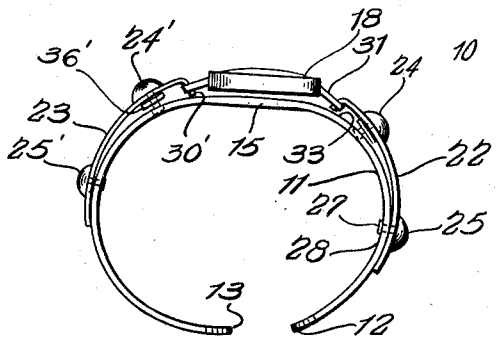


FIG. 2

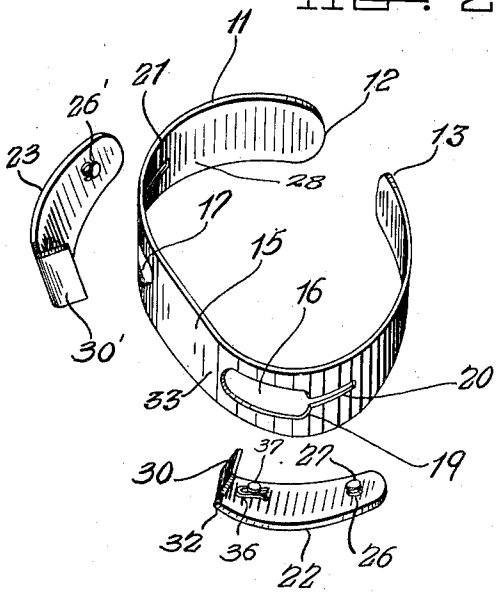


FIG. 4

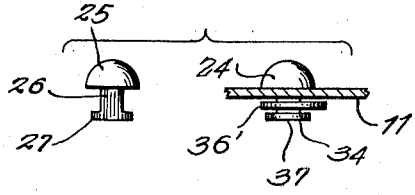
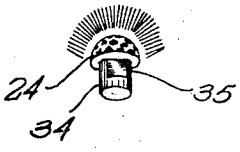


FIG. 5



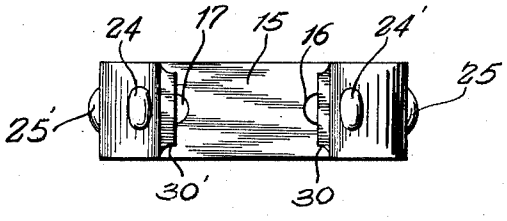


FIG. 3

Inventor

ROBERT S. TURPIN

By Clarence A. O'Brien and Harvey B. Jacobson

Attorneys

Patented Dec. 20, 1949

2,491,592

UNITED STATES PATENT OFFICE

2,491,592

WATCH SUPPORTING WRISTBAND

Robert S. Turpin, New York, N. Y.

Application February 14, 1946, Serial No. 647,539

2 Claims. (Cl. 224—4)

1

The invention which is herein disclosed is that of a resilient metal wrist band provided with slots into which resilient metal cleats of various degrees of width may be conveniently and removably secured by a grooved stud and has for its object to provide an open spring band adapted to fit and support a wrist watch. The band is made in several sizes adjusting itself to fit any wrist and having means whereby it may be adjusted to receive wrist watches of any common size.

A further object of the invention is to provide in a metal wrist band a practical and convenient means for securing thereto interchangeable cleats of various widths so that a perfectly fitting watch retaining member may be selected for a watch of any size. The slots serve as tracks for the studs thus selecting and adjusting the retaining members to fit a wrist watch two ways.

Another object of the invention is to provide a resilient wrist band to which is removably secured watch retaining members which when removed leave smooth metal surfaces for cleaning and polishing.

Other features and advantages will become more readily apparent from the following description and the accompanying illustrative drawings in which:

Figure 1 is an elevational view of the invention, showing a watch attached thereto,

Figure 2 is a perspective view, the parts being separated,

Figure 3 is a plan view of the device, and

Figures 4 and 5 are detail views.

While one embodiment of the invention is illustrated in the above referred to drawings, it is to be understood that they are merely for the purpose of illustration and that various changes in construction may be resorted to in the course of manufacture in order that the invention may be utilized to the best advantage according to circumstances which may arise without in any way departing from the spirit and intention of the device which is to be limited only in accordance with the appended claims. And while there is stated the primary field of utility of the invention it remains obvious that it may be employed in any other capacity wherein it may be found applicable.

In the accompanying drawings, and in the following specification, the same reference characters are used to designate the same parts and elements throughout and in which 10 refers to the invention in its entirety and 11 indicates an open wrist band formed of a strap of resilient metal or some suitable plastic shaped to adjustably fit around the wrist of a user and clamp thereto, the ends 12 and 13 of which are normally spaced apart. The upper surface 15 of the band is of sufficient length between the spaced slots 16 and 17 to form a seat for a wrist watch 18 which may be of any common diameter or width.

2

The band 11 is formed and the slots 16 and 17 are placed so as to face the wrist watch toward the wearer in the following manner. The loop 12 is shorter than loop 13 of band 11 and the cleat is farther forward. This short loop is worn on the thumb side of the wrist of either hand.

The said slots 16 and 17 are duplicates of one another and are preferably of oval shape and terminate at their lower ends 19 in considerably narrowed elongated slot extensions 20 and 21. Mounted upon the band directly over said slots are a pair of watch retaining members 22 and 23, each of which is secured in place by metal studs 24 and 25 in the following manner. The studs 24 and 25 are provided with a round shank 26. The shanks are laterally grooved on both sides to fit snugly into the slots 20 or 21. The grooves form lower terminal flanges 27 which seat frictionally upon the inner surface 28 of the band 11.

The studs 25 secure the members 22 and 23 to the band and its tail end 27 into engagement with the band. The members 22 and 23 are of a resilient metal of a width substantially equal to that of the band. They are provided with a forward turned down flange 30 which is adapted to hook into a link 31 of a watch 18. The said flange 30 holds the end 32 of the member 22 up against its resilient action and causes the flange 30 to press hard upon the surface 33 of the band whereby the watch link is securely held.

In the forward end 32 of the member 22 is the stud 24, which is provided with a round shank 34 laterally grooved on both sides and similar to the other three studs (all studs are interchangeable). This stud is secured to member 22 by a cotter key 36 clamping into the grooves. The lower end 37 of the shank is of a length to seat within slot 16 but does not extend much beyond the said surface 28 of the member 11 and is of a diameter to permit slight but not excessive pivotal movement of the said retainer 22, this movement being for the purpose of easing connection of the flange 30 with the watch link. The member 23, the studs and connections are duplicates of the elements of member 22 and are all removable for cleaning and polishing purposes.

From the foregoing it will be seen that I have provided a watch supporting wrist band adapt-

able to watches of varying sizes and which is very easily and quickly adjustable and so arranged that a watch may be very securely held. It is the intention that the metal-head studs **24**, **25**, etc. be removable in order to attach jewel-head studs to the device as desired, such for instance as diamonds, emeralds, garnets, etc. to match various costumes.

From the foregoing specification it will become apparent that the invention disclosed will adequately accomplish the functions for which it has been designed and in an economical manner and that its simplicity, accuracy and ease of operation are such as to provide a relatively inexpensive device considering what it will accomplish and that it will find an important place in the art to which it appertains when once placed on the market.

It is thought that persons skilled in the art to which the invention relates will be able to obtain a clear understanding of the invention after considering the description in connection with the drawings. Therefore, a more lengthy description is regarded as unnecessary.

Changes in shape, size and rearrangement of details and parts such as come within the purview of the invention claimed may be resorted to, in actual practice, if desired.

Having now described the invention that which is claimed to be new and desired to be procured by Letters Patent is:

1. A watch strap comprising an open curved band having slots therein, hooked watch retaining members each having a plurality of studs engaged in said slots, one of said studs retaining each member on said band, and another of said studs limiting movement of the member transversely of said band, each of said slots having a narrowed portion in which said one stud is slidably held and a widened portion in which said another stud is freely shiftable transversely of the band, said another stud being removably secured to the corresponding member.

2. A watch strap comprising an open curved band having slots therein, hooked watch retaining members each having a plurality of studs engaged in said slots, one of said studs retaining each member on said band, another of said studs limiting movement of the member transversely of said band, each of said slots having a narrowed portion in which said one stud is slidably held and a widened portion in which said another stud is freely shiftable transversely of the band, said members being resilient and the hooked ends of said members frictionally engaging said band.

ROBERT S. TURPIN.

REFERENCES CITED

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

UNITED STATES PATENTS

Number	Name	Date
D. 143,816	Flatau	Feb. 12, 1946
854,158	Engelsman	May 21, 1907
1,707,582	Shoemaker	Apr. 2, 1929
2,219,277	Kaufmann	Oct. 22, 1940
2,280,490	Keltie	Apr. 21, 1942

FOREIGN PATENTS

Number	Country	Date
423,470	Great Britain	Feb. 1, 1935