

Aug. 19, 1947.

K. A. MOYER

2,425,894

WRIST-WATCH BAND

Filed Oct. 16, 1945

FIG. 1.

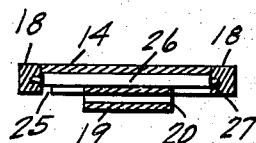
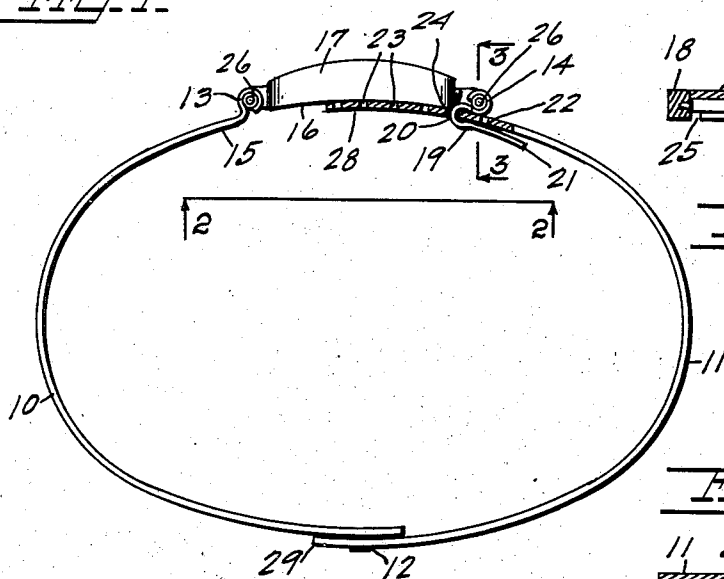


FIG. 3.

FIG. 2.

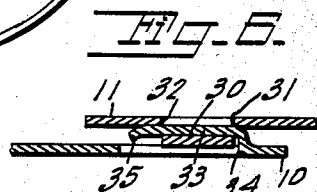
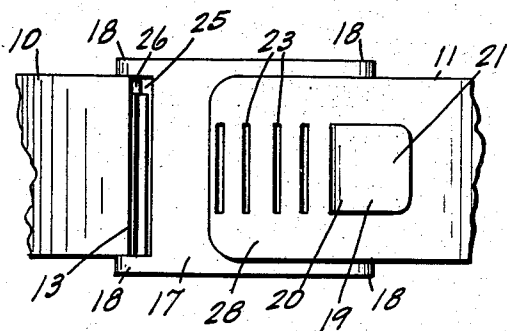


FIG. 7.

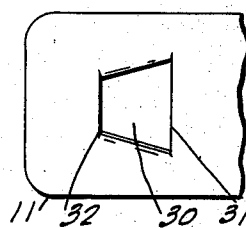


FIG. 8.

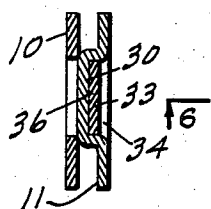
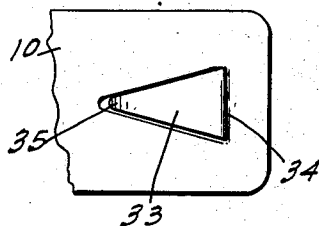


FIG. 5.

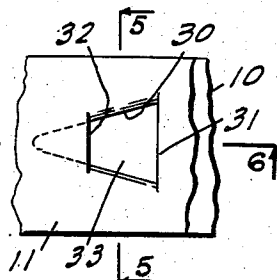


FIG. 4.

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2,425,894

WRIST-WATCH BAND

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Application October 16, 1945, Serial No. 622,619

2 Claims. (Cl. 224-4)

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This invention, a wrist band for wrist watches, provides a new and improved method of adjustment to fit the individual wrist, and is adaptable to any type of solid, or semi-rigid band construction. Irrespective of the degree of adjustment, there are no overhanging parts and no increase in bulk at any point about the wrist. Adjustments are easily and quickly made, and the adjustable element is interlocking and requires a specific manipulation of the element to release it, so that it cannot become accidentally freed.

The improvement coincidentally includes a new construction for interlocking the free ends of the band, one which has no protruding members and therefore cannot catch on clothing or the like, which is substantially flat, and one which cannot accidentally become released.

The objects and advantages of the invention are as follows:

First, to provide a new and improved type of wrist watch band adjustment, one which leaves no projections of excess band for engagement with extraneous objects.

Second, to provide a wrist watch band which is adjustable with the excess portion of the band concealed under the watch.

Third, to provide a wrist watch band with an interlocking adjustable pintle sleeve for connection to one side of a watch.

Fourth, to provide a wrist watch band with connecting means for the free ends of the band, and which is devoid of projections, and which securely connects the ends of the band.

Fifth, to provide a wrist watch band with pintle sleeves which are relieved at one end to provide access to the pintles for removal from a watch at will.

Sixth, to provide a wrist watch band which consists of three parts including a pair of semi-encompassing members and a pintle sleeve provided with interlocking means and adjustable about one of said semi-encompassing members.

Seventh, to provide a wrist watch band which is simple in construction, positive locking about the wrist, easily adjusted and interlocked, and one which has no projecting elements, other than the normal terminal ends of the semi-encompassing members.

In describing the invention reference will be made to the accompanying drawings, in which:

Fig. 1 is a front elevation of the invention shown partly in section to illustrate the adjustable pintle sleeve.

Fig. 2 is a view taken in the direction 2—2 of Fig. 1.

Fig. 3 is a section taken on line 3—3 of Fig. 1.

Fig. 4 is a fragmentary view showing the connection between the terminal ends of the halves of the band.

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Fig. 5 is a section taken on line 5—5 of Fig. 4.

Fig. 6 is a section taken on line 6—6 of Fig. 4.

Fig. 7 is a plan view of one end of the band showing the interlocking depression.

Fig. 8 is a plan view of the other end of the band showing the interlocking hook member.

The invention consists of two cooperative band members 10 and 11 provided with cooperative interlocking means adjacent the ends of the members at 12; a pintle sleeve 13 formed integral with one member, and an adjustable pintle sleeve 14 for the other member.

The pintle sleeve 13 is formed by curling the end of the band as illustrated with the sleeve 15 formed upwardly so that the surface 15 will be substantially in circular alignment with the bottom 16 of the wrist watch 17.

The pintle sleeve 14 is formed on a member separate from the band member 11 and is formed of spring material, such as stainless steel, shim stock, spring bronze, or other suitable material, which can be burnished, polished, or plated with precious or other suitable metals. Because of the thinness of the material which will be used, the thickness is greatly exaggerated in the drawings, for clearly illustrating the various forms and connections and the cooperation between the various elements.

The pintle member consists of the pintle sleeve 14 which is sufficiently long to span the space between the ears 18 on the watch 17, and is integral with the interlocking member 19 which is narrowed down to about half the width of the band with the narrowed portion formed into a partial loop 20 with a tongue extension 21, the space between the top surface 22 of the end of the loop portion and the underside of the pintle sleeve being slightly less than the thickness of the material from which the band is made, so that as the tongue is inserted through one of the slots 23 in the band and urged into position as shown, the resiliency of the loop will cause the pintle member to snap into place and lock, and can be removed only by retracting the tongue member 21 to rotate the loop back through the slot. Any tension exerted on the pintle sleeve from the watch will merely serve to lock the pintle member more firmly, since such tension urges further penetration through the slot rather than its release, because of the retractive loop.

Thus, the band can be fitted about the wrist, with one side of the watch connected to the pintle sleeve 13, and the proper slot 23 then selected which will provide just the right size of band. The adjustable pintle member is then inserted through the selected slot and pressure applied at the point 24 on the back of the loop, which will cause the pintle member to snap into place and interlock with the band.

A relief 25 is formed at one end of each pintle

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sleeve to provide access to the pintle for removal of the band from the watch at will. The pintle 26 is of the conventional type with spring-urged pivots 27, the relieves permitting insertion of a sharp instrument for retracting the pivot at one end.

It will be noted that the excess length 28 of the band member extends under the watch so that the band has the appearance of one made specifically to fit the wrist of the wearer, leaving no long projection at the connecting ends of the band at 29, and requiring only sufficient material at that point to carry the cooperative latching members.

The new and improved type of latching means consists of cooperative elements on the ends of the respective band members, the element in one consisting of a depression 30 with converging sides and slitted through at both ends as indicated at 31 and 32 to form a passage as is clearly illustrated in Fig. 6; and the element of the other consisting of a tongue 33 which is tapered to the same degree as the depression 30 and is offset from the plane of the band as indicated at 34 with the tongue terminating in a retracted end 35. When the two portions of the band are pressed toward each other about a wrist sufficiently for the end 35 to catch the edge 31 on the inset portion 36, and released, the tongue will enter the slot and pass to the position shown in Fig. 6, with the terminal end 35 latching over the end of the inset portion, and with all projections concealed, so there is nothing to catch on clothing or other materials or objects.

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I claim:

1. A wrist watch band comprising two band members, and a pintle-receiving member having a pintle sleeve and adjustable on the terminal portion of one end of one of said band members, and a pintle sleeve formed on one end of the other band member, said one of said band members having a series of transverse slots formed in said terminal portion, and said pintle receiving member including a tongue insertible through any selected one of said slots and including means releasably locking the tongue in the slot, for adjustability of the pintle receiving member on the band.

2. Means for adjusting a wrist watch band comprising a series of spaced transverse slots formed in the terminal portion of one band; a pintle receiving member having a pintle sleeve and a tongue extending therefrom and passable through one of said slots with said tongue formed into a partial loop to simultaneously cooperate with the upper and under surfaces of the band to lock the tongue in position.

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REFERENCES CITED

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

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