

Feb. 15, 1927.

1,617,954

J. KREISLER
WRIST WATCH STRAP
Filed Aug. 5, 1926

Fig. 1

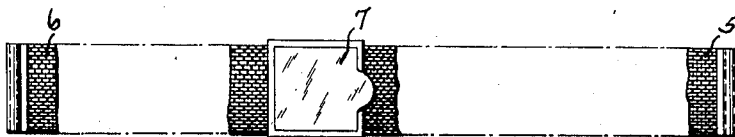


Fig. 2

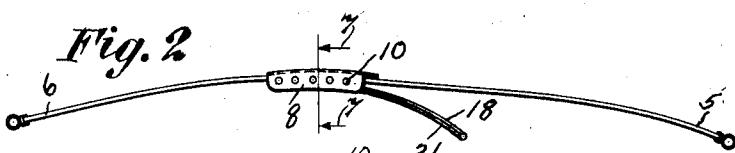


Fig. 3

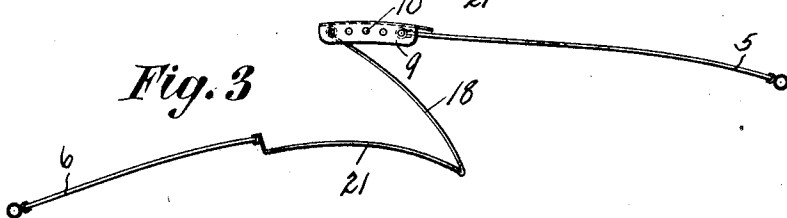


Fig. 4

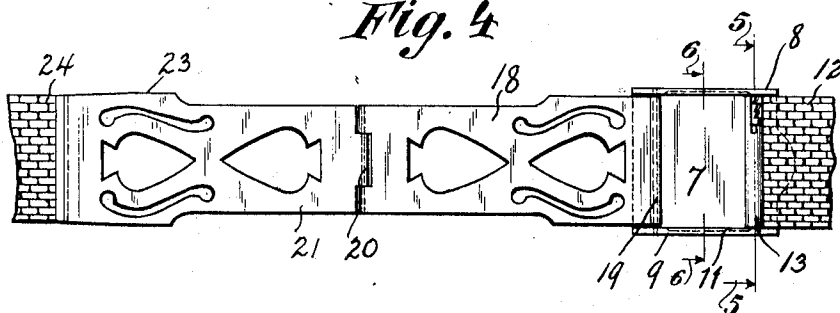


Fig. 5

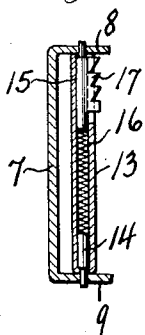


Fig. 6

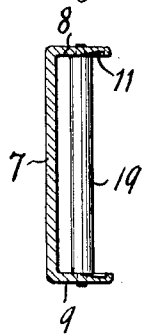
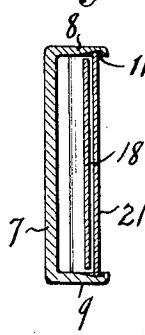


Fig. 7



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UNITED STATES PATENT OFFICE.

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WRIST-WATCH STRAP.

Application filed August 5, 1926. Serial No. 127,348.

This invention relates to improvements in wrist watch straps and the primary object thereof is to provide a novel and improved means for attaching the strap in an adjustable position on the wrist according to the desired size.

One of the objects of my invention is to provide a wrist watch strap including novel and improved means for attachment to the ends of a chain with provision for lengthening the strap in one position while removing it from the wrist, and locking the strap in a second position when adjustably fitted to the desired size of the wrist.

Another object of my invention is to provide a wrist watch strap including lengthening means in conjunction with a chain and means for locking the said lengthening means in such manner as to leave practically the entire length of chain exposed to view.

To enable others skilled in the art to more fully comprehend the underlying features of my invention that they may embody the same in the various practical uses and purposes to which it is capable, drawings depicting a preferred form of the invention are annexed hereto as part of my disclosure wherein—

Fig. 1 is a view showing the application of my invention to a chain.

Fig. 2 is a side view showing the lengthening device closed.

Fig. 3 is a similar view to Fig. 2 with the lengthening device partially open.

Fig. 4 is an enlarged plan of the lengthening device showing its relation to the keeper and chain.

Fig. 5 is a sectional view taken on the line 5—5 of Fig. 4.

Fig. 6 is a sectional view taken on the line 6—6 of Fig. 4.

Fig. 7 is a sectional view taken on the line 7—7 of Fig. 2.

Referring now to the drawings wherein like reference characters designate corresponding parts throughout the several views, 5, 6 designate the ends of a chain strap of any conventional design and provided with any suitable type of catch or fastening means capable of being connected to a wrist watch.

My invention proper comprises a keeper in the form of a substantially rectangular plate 7 with parallel sides 8, 9 provided with opposed apertures 10. The sides 8, 9 are provided with grooves 11 on their inner faces which function to lock the lengthening means in the manner further to be described.

As shown by Fig. 4 of the drawing, one end 12 of the chain is attached to a pin 13 having depressible spring tensioned ends 14, 15 cooperating with a spring 16, the end 15 being provided with a serrated, toothed extension 17 movable through a slot in the pin whereby the said end may be disengaged from one of the apertures 10 of the keeper and the end of the chain adjustably positioned to the desired length.

Pivotaly connected between the sides of the keeper and at one end thereof, I have provided a connector plate 18 having an end pintle 19, said plate being slightly curved to conform to the shape of the wrist. The width of the connector plate is slightly less than the width of the keeper so that when folded or swung over will lie freely between the sides 8, 9 as shown by Fig. 7.

Hinged as at 20 to the connector plate 18 is a second and similar connector plate 21, also curved slightly and when fully opened is a continuation of the keeper. It will be observed, however, that the connector plate 21 is slightly wider at its greatest width 23 than the connector plate 18 so that when folded over or swung between the sides of the keeper, the connector plate will snap into the grooves 11 and thus lock both of the plates. The opposite end 24 of the chain is permanently fastened to the end of the second connector plate 21 so that the entire adjustment in the length of the chain is effected through the movable pin between the sides of the keeper.

From the above it will be seen that the entire length of the chain is exposed and that while the overlapping connector plates extend beyond the end of the keeper, said plates are covered by the chain as disclosed by Figs. 1 and 2 of the drawing.

In order to reduce the weight and afford some ventilation, the major portion of the connector plates may be cut out with suitable fanciful designs or initials if so desired, or the width of the plates may be materially reduced except that portion which frictionally engages the sides of the keeper to lock the connector plates thereto. Although the overlapping plates are locked between the sides of the keeper, they do not interfere with the adjustable locking pin therebeneath which of course can only be adjusted in any of the opposed apertures in the sides of the keeper when the connector plates are opened. In actual practice but two connector plates

are necessary for ladies' and misses' wrist watch straps but if so desired a third connector plate in overlapping relation with the other connector plates may be provided in instances where the wrist is quite large. When the connector plates are open, the length of the strap is sufficient to permit the wrist watch and strap to be removed without disconnecting the watch from the strap and conversely the same may be placed on the wrist when desired so that by simply moving the connector plates in folded or overlapping position, the strap may be locked on the wrist as understood.

Having shown and described my invention what I now claim as new and desire to secure by Letters Patent of the U. S. is:

1. In a wrist watch strap, a keeper, a chain secured to one end of said keeper, a plurality of overlapping connectors hingedly attached to the opposite end of said keeper, a chain secured to one end of one of the connectors and means in the sides of said keeper for frictionally locking said connectors therebetween.

2. In a wrist watch strap, a keeper, a chain adjustably secured to one end of said keeper, a plurality of overlapping connectors hingedly connected to each other and pivotally attached to said keeper, a chain secured to one end of one of the connectors and means in the sides of said keeper, for frictionally locking said connectors therebetween.

3. In a wrist watch strap, a keeper, a chain having a pin adjustably secured in opposed apertures of said keeper, a plurality of overlapping connectors hingedly connected to each other, one of said connectors being pivotally attached to one end of the keeper, a chain secured to one end of one of the connectors, and grooves in the sides of the keeper for frictionally locking the connectors in overlapping relation beneath the pin and the attached chain.

4. In a wrist watch strap, a keeper, an

adjusting pin having spring tensioned ends between the sides of the keeper, a chain attached to said adjusting pin, a pair of flat connectors hingedly connected to each other in end to end relation for lengthening the strap, one of said connectors being pivotally attached to one end of the keeper, a chain secured to one end of one of the connectors, and means for frictionally locking said connectors between the sides of the keeper in overlapping relation to shorten the strap.

5. In a wrist watch strap, a keeper having an adjusting pin and spring tensioned ends and finger gripping means for releasing one of said ends for engagement in opposed apertures in the sides of the keeper, a chain attached to said adjusting pin, a pair of flat connectors hingedly connected to each other for movement to lengthen the strap, one of said connectors being pivotally attached to one end of the keeper, a chain secured to the outer end of one of the connectors, said last mentioned connector being wider at one portion than its attached connector and adapted to be frictionally locked between the sides of the keeper to shorten the strap.

6. In a wrist watch strap, a keeper, a pin having spring tensioned ends adjustably secured in opposed apertures in the sides of the keeper, a chain attached to said adjusting pin, a pair of flat connectors hingedly connected to each other in end to end relation for lengthening the strap, said connectors being blocked out to decrease their weight, one of said connectors being pivotally connected to one end of the keeper, a chain attached to the outer end of the second connector, said last mentioned connector being slightly wider at one portion than its attached connector and adapted to overlap the same and be frictionally locked between the sides of the keeper to shorten the strap.

In testimony whereof he has affixed his signature.

JACQUES KREISLER.