

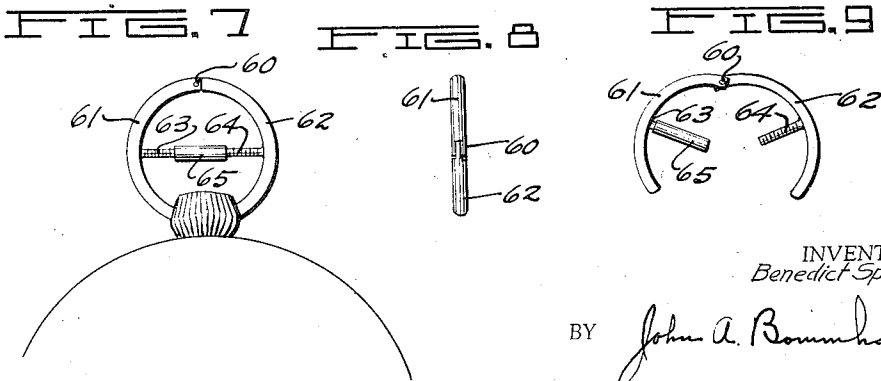
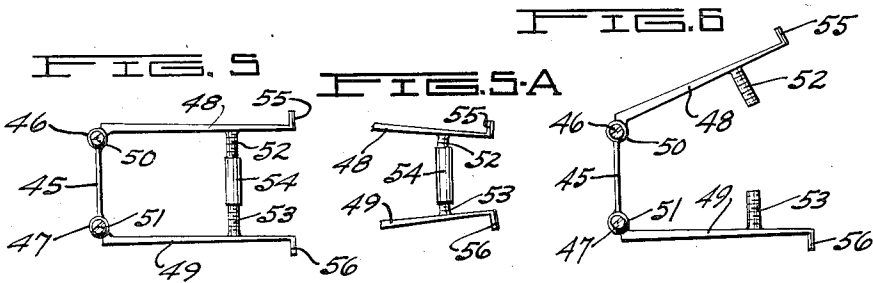
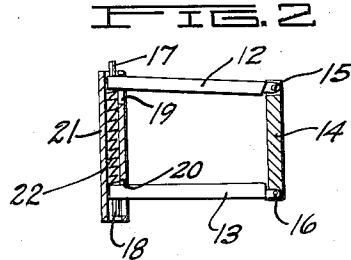
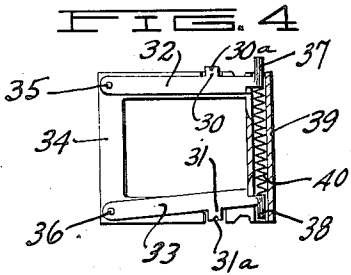
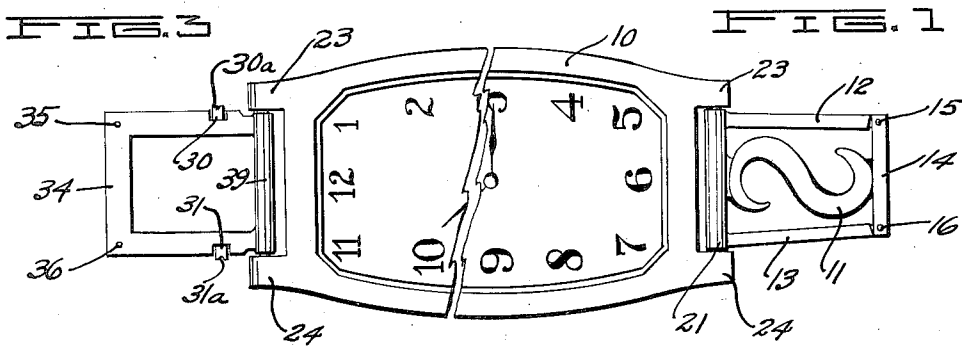
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ATTACHING LINK FOR WRIST WATCH BRACELETS AND WATCH RINGS

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ATTACHING LINK FOR WRIST WATCH
BRACELETS AND WATCH RINGS

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6 Claims. (Cl. 24—265)

My invention relates to watch bracelet links, watch rings and the like and means for attaching same to wrist or pocket watches.

One object is to provide a simple device for attaching links or rings to watches of either the wrist or pocket type.

Another object is to provide a novel locking means after the link or ring is attached to the watch.

Other objects and advantages may be noted from the following specification and its accompanying illustrations, in which:

Fig. 1 is a fragmentary view of a wrist watch and one form of locking link.

Fig. 2 is a sectional view of Fig. 1 with one side of link in released position.

Fig. 3 is a fragmentary view of a wrist watch with a modified form of locking link.

Fig. 4 is a sectional view of Fig. 3 with one side of link in released position.

Fig. 5 is a second modification of a locking link in locked position.

Fig. 5a is a fragmentary view of the form shown in Fig. 5, with the arms drawn together for releasing the watch.

Fig. 6 is a detail of the same, showing the open link before the sleeve is attached.

Fig. 7 shows a third modification in ring form applicable to a pocket watch and in locked position.

Fig. 8 is a top plan view of Fig. 7.

Fig. 9 is a view of the locking ring of Fig. 7 in unlocked position.

Again referring to the drawing: A wrist watch 10 has a detachable locking link 11 comprising a pair of arms 12 and 13 pivotally attached at one end to a bar 14 by pivot pins 15 and 16 and having locking pins 17 and 18 projecting at an angle from the opposite ends of said arms 12 and 13 respectively, said locking pins being inserted through apertures 19 and 20 in a tubular bar 21. A spring 22 is located between the arms 12 and 13 within said tubular bar 21, and thus as the arms 12 and 13 are pressed inwardly, the locking pins 17 and 18 are drawn inward within said tubular bar, the spring 22 being compressed between said arms 12 and 13, and the tubular bar 21 is then inserted between the projecting lugs 23 and 24 and the pressure on arms 12 and 13 is removed, this relieves the spring tension and locking pins 17 and 18 enter small apertures (not shown) in said lugs 23 and 24 and secure the link to said watch 10.

The modification shown in Figs. 3 and 4 is similar in action to that described above, except

that it has projections 30 and 31 on arms 32 and 33 which have V shaped grooves 30a and 31a into which the finger nails may press thus compressing the arms 32 and 33, pivotally attached to frame 34 of the link by means of pins 35 and 36. The arms 32 and 33 are also provided with locking pins 37 and 38 at the opposite ends slidably mounted within a tubular bar 39 and also having a spring 40 centrally located between said pivoting arms 32 and 33 to swing them out.

In the modification shown in Figs. 5, 5a and 6 slightly different action and construction is shown, a bar 45 having flat circular split lugs 46 and 47 at opposite ends, a pair of arms 48 and 49 being pivotally secured therein by means of screw pins 50 and 51 inserted through both split lugs and arms. Left and right threaded projections 52 and 53 extend inwardly from arms 48 and 49 respectively, and a sleeve 54 is threaded left and right to receive said projections and when screwed one way draws arms 48 and 49 together as shown in Fig. 5a and when screwed the opposite way spreads the arms 48 and 49 as shown in Fig. 5, the locking pins 55 and 56 engaging in lugs 23 and 24 in the same manner as the locking pins in the other type of link.

The modification shown in Figs. 7, 8 and 9 are of the ring type for pocket watch and are similar in action to Figs. 5, 5a and 6 except that one pivot 60 is used in place of the two used in the other types to pivot the half rings 61 and 62. The same type of locking bar is used as that in Figs. 5, 5a and 6 with threaded projections 63 and 64 from half rings 61 and 62 respectively and locking sleeve 65.

It will be seen that in any one of the constructions the swinging arms may be swung to engage or release the projections from the watch or other part to which the link is applied. In some of the forms the spring retains the link in engagement. In others, the threaded sleeve produces a similar result.

I claim:

1. An attaching link for the purpose described, comprising a bar, a pair of arms pivoted at one end to the bar and adapted to swing toward or from each other and having lugs at the other end, a tubular bar extending between the arms, and a spring in the bar, pressing against the arms to swing the same from each other and engage the lugs with a watch or the like.

2. An attaching link for the purpose described, comprising a bar, a pair of opposite arms pivoted at one end to the ends of the bar, a tubular bar between the other ends of the arms, and a spring

confined in the tubular bar and pressing the arms apart, the arms having lugs adapted to engage a watch or the like when pressed apart.

3. An attaching link for the purpose described,
5 comprising a frame having a tubular cross bar at one end, a pair of arms pivoted at one end to the frame and having lugs at the other end adapted to engage in sockets in a watch or the like, and a spring confined in the tubular bar between
10 the arms and acting to press the arms apart.

4. An attaching link as in claim 3, the arms also having projections to receive finger pressure to swing the arms toward each other to release the lugs.

5. An attaching link for watches and the like, comprising a bar, a pair of arms pivoted at one end to said bar and having inwardly projected threaded studs, and a threaded sleeve connecting
5 the studs, to swing the arms toward or from each other.

6. An attaching link for the purpose described, comprising a pair of arms, a bar to which the inner ends of the arms are pivotally connected in spaced relation, said arms having lugs mounted
10 on the outer ends adapted to engage a watch casing or the like and means to swing the arms to so engage the watch casing.

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