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I. R. LEDERER

1,957,274

CLASP FOR CORD BRACELETS

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Fig. 1

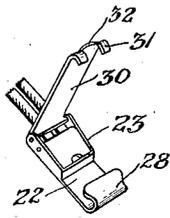
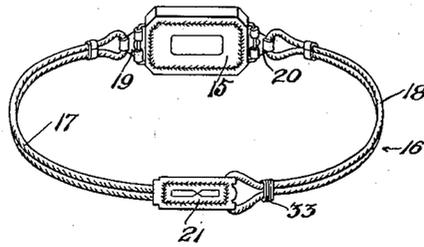


Fig. 3

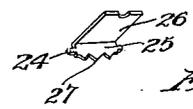
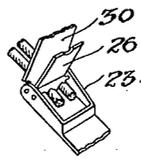


Fig. 4

Fig. 2

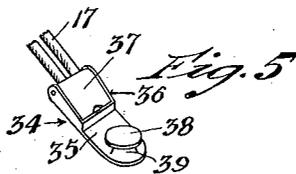
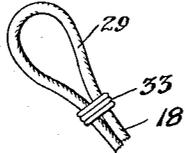


Fig. 5

Fig. 7



Fig. 6

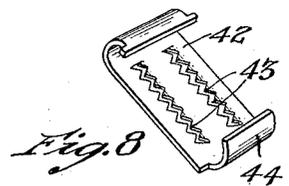
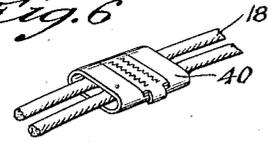


Fig. 8

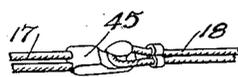


Fig. 9

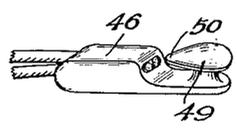


Fig. 10

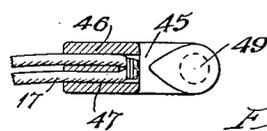


Fig. 11

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UNITED STATES PATENT OFFICE

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CLASP FOR CORD BRACELETS

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11 Claims. (Cl. 24-123)

My present invention relates to clasps for bracelets, and has particular reference to the construction of clasps for wrist watch straps of the cord type.

5 It has been found desirable to provide simple catch mechanism for cord bracelets, which may be quickly fastened and unfastened, and which will lock securely. To this end, I have devised a catch construction which receives a loop formed
10 in one section of a cord bracelet, and I have provided means for locking the loop in received position. I have further provided a simple means for adjusting the length of the cord bracelet to fit the wrist of the wearer.

15 With the above and other objects and advantageous features in view, I have devised a novel clasp construction more fully disclosed in the detailed description following, in conjunction with the accompanying drawing, and more specifically defined in the claims appended hereto.
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In the drawing,

Fig. 1 is a perspective view of a wrist watch and strap, the strap being equipped with the novel clasp;

25 Fig. 2 is a detail perspective view of the clasp;

Fig. 3 is a view similar to Fig. 2, the cord lock plate being in elevated position;

Fig. 4 is a perspective view of the lock plate;

Fig. 5 is a view of a modified form of clasp;

30 Fig. 6 is a perspective view of a novel ratchet lock;

Fig. 7 is a perspective view of the ratchet lock hand;

35 Fig. 8 is an enlarged perspective view of the ratchet plate;

Fig. 9 is a perspective view of a further modified form of clasp;

Fig. 10 is an enlarged perspective view of same, and

40 Fig. 11 is a horizontal section thereof, showing the cord holding elements.

Referring to the drawing, the wrist watch 15 is equipped with a cord bracelet 16 having two portions 17, 18 secured to the wrist watch by
45 end hooks 19, 20, the two portions being releasably secured together by a clasp member 21. The clasp member 21 includes a base 22 having a rear compartment 23 to receive the two ends of the bracelet portion 17, the walls of the compartment having aligned openings adjacent the rear
50 thereof to receive the pintles 24 of the bent over end 25 of a lock plate 26, the edge of the end 25 having teeth 27 to detachably grip the two ends of the bracelet portion when the lock plate is
55 moved to the locking position; the end 25 is

slightly out of perpendicular to the body of the lock plate, to produce a binding effect when the lock plate is so moved.

A retaining tongue 28 is positioned at the front of the base 22, to receive the loop 29 of the bracelet portion 18, which is formed as a closed cord; a cover plate 30 is hinged to the walls of the compartment 23, in rear of the lock plate 26, and has fingers 31 to resiliently and detachably engage the end of the retaining tongue.
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The cover plate is provided with a nail piece 32 to facilitate disengagement from the retaining tongue. The bracelet portions 17 and 18 have the usual holding bands 33 of standard construction.
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The above described construction forms an effective clasp for the watch bracelet portions, and provides a cover part that readily lends itself to ornamentation. The length of the bracelet is quickly adjusted by lifting up the lock plate, and a further safeguard against accidental unclasp-
75 ing is obtained by moving the band 33 towards the loop 29.

The cover may be dispensed with, if the clasp is formed so as to permit locking of the loop 29.
80 Thus, see Fig. 5, the clasp 34 has a base 35 with a rear compartment 36 and lock plate 37, similar to the compartment 23 and lock plate 26; a lock button 38 is positioned at the forward end of the base, the shank 39 being slender to prevent un-
85 due spreading of the loop 29. A novel lock band 40 is provided to slide over the cords of the bracelet portion 18, see Fig. 6, consisting of a shell or case 41 which has its upper portion spaced to hingedly receive a ratchet plate 42, equipped
90 with teeth 43 extending in one direction. The lock band is thus slidable towards the loop 29, but is locked against backward movement until the plate 42 is lifted; the end 44 of the plate 42 is
95 formed to resiliently contact the case when the plate is in lock position.

The clasp may, if desired, be formed in one piece of metal, composition, wood, or the like, as shown in Fig. 9. In this form, the clasp 45 has a rear retainer block 46 provided with spaced
100 openings 47 to receive the two ends of the bracelet portion 17, these ends being tied after length adjustment of the bracelet. The retaining button 49 is shaped as shown in Fig. 10, to better receive the loop 29 in locking relation; the rear-
105 wardly pointed end 50 leaves so little room between the button and block that the loop 29 is substantially locked against accidental removal, as the fairly tight fit of the bracelet will prevent the unlocking backward movement of the loop;
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if desired, however, a band such as 33, or a lock band such as 40, may be moved adjacent the loop to safeguard the lock.

While I have described specific constructional forms of my invention, it is obvious that desired changes in the form and shape of the parts, and in their relation, may be made, without departing from the spirit and the scope of the invention as defined in the appended claims.

I claim:—

1. In combination, a cord bracelet for a wrist watch having two portions, and a clasp for said bracelet, said clasp being secured to one portion and having a receiving element releasably receiving the end loop of said other portion, said receiving element having a rearwardly extending loop retaining element.

2. In combination, a cord bracelet for a wrist watch having two portions, and a clasp for said bracelet, said clasp being secured to one portion and having a receiving element releasably receiving the end loop of said other portion, said receiving element having a rearwardly extending loop retaining element, and means for locking the loop against accidental removal from the loop receiving element.

3. In combination, a cord bracelet for a wrist watch having two portions, and a clasp for said bracelet, said clasp being secured to one portion and having a receiving element releasably receiving the end loop of said other portion, said receiving element having a rearwardly extending loop retaining element, and means on said clasp for locking the loop against accidental removal from the loop receiving element.

4. In combination, a cord bracelet for a wrist watch having two portions, and a clasp for said bracelet, said clasp being secured to one portion and having a receiving element releasably receiving the end loop of said other portion, said receiving element having a rearwardly extending loop retaining element, and means for locking the loop against accidental removal from the loop receiving element comprising a slide band embracing said other portion.

5. In combination, a cord bracelet for a wrist watch having two portions, and a clasp for said bracelet, said clasp being secured to one portion and having a receiving element releasably receiving the end loop of said other portion, said receiving element having a rearwardly extending loop retaining element, and means for locking

the loop against accidental removal from the loop receiving element comprising a slide band embracing said other portion, said slide band being slidable toward said loop and locked against sliding movement away from said loop.

6. In combination, a cord bracelet for a wrist watch having two portions, and a clasp for said bracelet, said clasp being secured to one portion and having a receiving element releasably receiving the end loop of said other portion, said receiving element having a rearwardly extending loop retaining element, and means for locking the loop against accidental removal from the loop receiving element comprising a slide band embracing said other portion, said slide band having a releasable ratchet member engageable with said other portion.

7. In combination, a cord bracelet having two portions, a retention member on one portion adapted to receive a loop on the other portion and a band slidable on said other portion towards said loop, said band having means for locking against sliding movement away from said loop, to lock the loop about said retention member.

8. A clasp for a cord bracelet comprising a base, means at one end thereof for receiving one portion of the bracelet, and means at the other end for releasably receiving the other portion of the bracelet, said receiving means including a rearwardly extending loop retaining element.

9. A clasp for a cord bracelet comprising a base, means at one end thereof for receiving one portion of the bracelet, and means at the other end for releasably receiving the other portion of the bracelet, said clasp having a cover plate hinged to the base and releasably securable to said receiving means to prevent accidental separation of the other portion of the bracelet therefrom.

10. A clasp for a cord bracelet comprising a base, means at one end thereof for receiving one portion of the bracelet, and means at the other end comprising a rearwardly extending loop retaining element for releasably receiving the other portion of the bracelet, said clasp parts being integral.

11. A clasp for a cord bracelet, comprising a base, a block at one end having openings there-through to receive the ends of the bracelet cords, and a retention member at the other end having a narrow shank and an enlarged head extending towards the block.

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