Jan. 16, 1951 D. G. PASTON 2,538,265

WRIST STRAP

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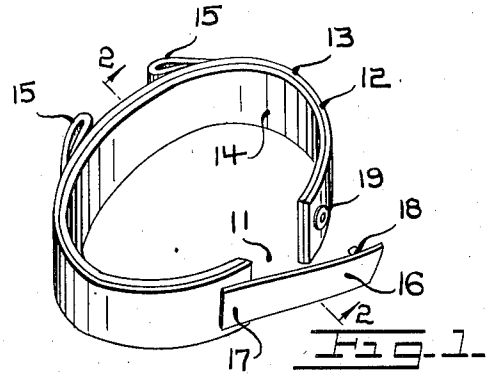



Fig. 1.

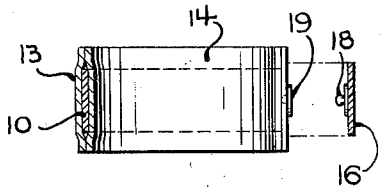



Fig. 2.

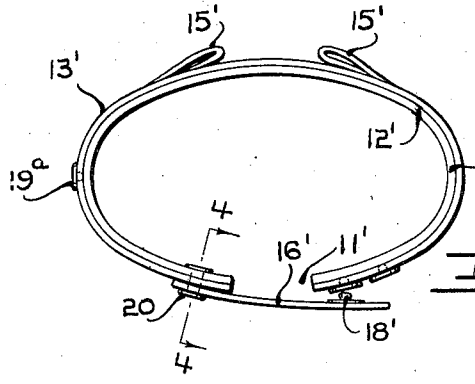
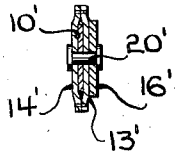



Fig. 3.

Fig. 4.



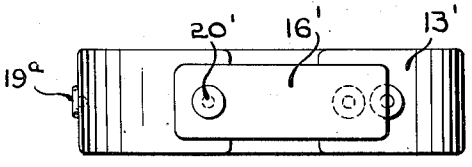
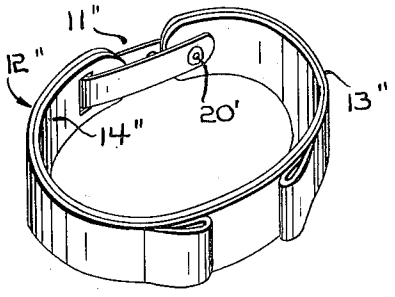




Fig. 5.

Fig. 6.



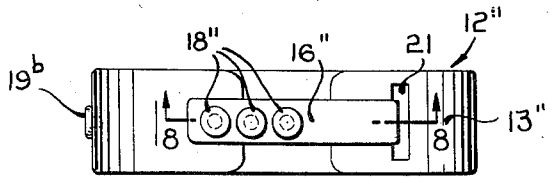




Fig. 7.

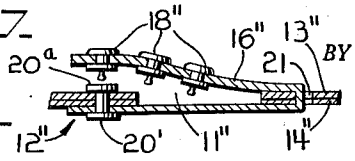



Fig. 8.

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## WRIST STRAP

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Application February 7, 1945, Serial No. 576,552

1 Claim. (Cl. 224—4)

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This invention relates to new and useful improvements in a wrist strap for watches, compasses, flashlights and other articles.

More specifically, the present invention proposes the construction of a wrist strap characterized by having a spring steel inner bracelet, open at one side, and covered by a leather, fabric or other suitable covering, the covering having the usual loops for connection to the wrist watch or the like and further having a snap-fastener strap, bridging the open gap at the side of the strap opposite the loops.

Still further, it is proposed to provide a wrist strap as aforesaid in which the bridging strap is mounted on a swivel so that it can be swung to an out of the way position when not in use, the wrist strap having a member for holding the bridging strap in its out of the way position.

Still another object is to provide a wrist strap of the aforesaid types in which the bridging strap is swiveled to one end of the wrist strap at one side of the gap and passes through a slot in a wrist strap at the other side of the gap.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

Fig. 1 is a perspective view of a wrist strap constructed in accordance with this invention.

Fig. 2 is a section on the line 2—2 of Fig. 1.

Fig. 3 is a plan view of a wrist strap constructed in accordance with a modification of this invention.

Fig. 4 is a section on the line 4—4 of Fig. 3.

Fig. 5 is a rear view of the strap of Fig. 3.

Fig. 6 is a perspective view of another wrist strap constructed in accordance with another modification of this invention.

Fig. 7 is a rear view of the wrist strap of Fig. 6.

Fig. 8 is a sectional view taken on the line 8—8 of Fig. 7, but illustrating the bridging strap in its open position.

The wrist strap, according to the form of the present invention shown in Figs. 1 and 2, includes an inner spring steel bracelet 10 which is almost a complete ring, being prevented from being a complete ring by a gap 11. The bracelet 10 is thus inherently capable of expanding to permit it to be placed on a human wrist and to fit human wrists of different sizes.

The bracelet is covered completely by a leather

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or other covering 12 formed of a front strip 13 and a back strip 14, the two strips being sewed together along their longitudinal edges and at their ends over the ends of the bracelet at the gap 11.

The wrist strap is provided with two leather loops 15 sewed to the front strip 13 at the portion thereof opposite the gap 11, these loops 15 providing means for attachment to a wrist watch or other article in a well known manner. The loops are sewed to the inner side of the strip 13, passing through slits therein to permit this.

The wrist strap further comprises a bridging strap 16 which bridges the gap 11. This strap 16 is sewed at its end 17 to the leather covering 12 at one side of the gap 11 and at the other end has a male snap fastener part 18 adapted to coact with one of a plurality of female snap fastener parts 19 connected to the strip 13 at the other side of the gap 11. Thus, strap 16, when snapped closed, bridges the gap 11 and makes a complete ring of the wrist strap.

The purpose of the bridging strap is to prevent loss of the wrist strap and therefore of the wrist watch or other article. It further aids in preventing wear of the wrist strap, insuring long life of the latter and it permits the strap to be slipped on and off the wrist easily, at the will of the wearer and prevent it from slipping off otherwise.

A wrist strap constructed in accordance with a modification of this invention is shown in Figs. 3–5. It distinguishes from the strap of Fig. 1 in that the bridging strap 16′ instead of being sewed to the cover 12 at one side of the gap 11′, is connected thereto by a pivot pin or rivet 20. When desired, the bridging strap 16′ may be swung to an out of the way position, around the rivet 20, and secured to the strap 12 in line therewith by means of another female snap fastener part $19^a$ secured in strip 13 to coact with the male snap fastener part 18′. Thus, the wrist strap may be used as an incomplete ring or as a complete ring. Other parts of the strap of Figs. 3–5 corresponding to similar parts of the strap of Figs. 1–2 are indicated by like references with a prime added.

A wrist strap constructed in accordance with another modification of this invention is shown in Figs. 6 to 8. Here a slot 21 is formed at one side of the gap 11″ instead of the female snap fastener part 19. The bridging strap 16″ is U-shaped and pivotally connected to the strap 12″ at the one side of the gap by a rivet 20′ and is sufficiently long so that it can pass through

the slot 21 and back again to the rivet 20'. The outer end of the rivet 20' has mounted thereon a female snap fastener part 20a and the free end of the bridging strap 16'' is provided with a plurality of male snap fastener parts 18'' selectively engageable with part 20a to secure the bridging strap in place. When the free end of the bridging strap 16'' has been withdrawn from the slot 21 it may be bent about the adjacent end of the strap 12'' to have its outermost snap fastener part 18'' engaged with the complementary snap fastener part 19b to hold the bridging strap 16'' in an inoperative position. Other parts of the device of Figs. 6–7 corresponding to similar parts of the device of Figs. 1–2 are indicated by like references with two primes added.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claim.

Having thus described my invention, what I claim as new, and desire to secure by United States Letters Patent is:

In a wrist band having a main strap for encircling one's wrist with its ends spaced and formed at one end with a slot, a bridge strap, a rivet securing one end of said bridge strap to the other end of the main strap, said bridge strap having its free end extended slidably through the slot, a first snap fastener element mounted on the outer end of said rivet, a series of complementary snap fastener elements mounted on the outer end of said rivet, a series of complementary snap fastener elements mounted on the free end of said bridge strap to be selectively engageable with said first snap fastener element to adjust the diameter of the main strap to different sized wrists, and a second snap fastener element similar to said first snap fastener element mounted on the outer face of the main strap remote from said first snap fastener element, whereby when the free end of said bridge strap is withdrawn from the slot the free end thereof can be bent about the end of the main strap to which said bridge strap is attached to extend along the outer face of that main strap to have the complementary snap fastener element adjacent the free end of said bridge strap engaged with said second snap fastener element for holding said bridge strap in an inoperative position.



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## REFERENCES CITED

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

UNITED STATES PATENTS

| Number | Name | Date |
|---|---|---|
| 1,315,729 | Jolly | Sept. 9, 1919 |
| 1,414,797 | Trau | May 2, 1922 |
| 1,527,984 | Lupien | Mar. 3, 1925 |
| 1,748,609 | Lester | Feb. 25, 1930 |
| 1,778,313 | Darling | Oct. 14, 1930 |
| 2,186,089 | Baker | Jan. 9, 1940 |
| 2,191,314 | Davis | Feb. 20, 1940 |
| 2,445,349 | Garbutt | July 20, 1948 |

FOREIGN PATENTS

| Number | Country | Date |
|---|---|---|
| 498,274 | Germany | May 20, 1930 |