

F. E. FORSELL.
BRACELET.
APPLICATION FILED JUNE 4, 1912.

1,065,675.

Patented June 24, 1913.

Fig. 1.

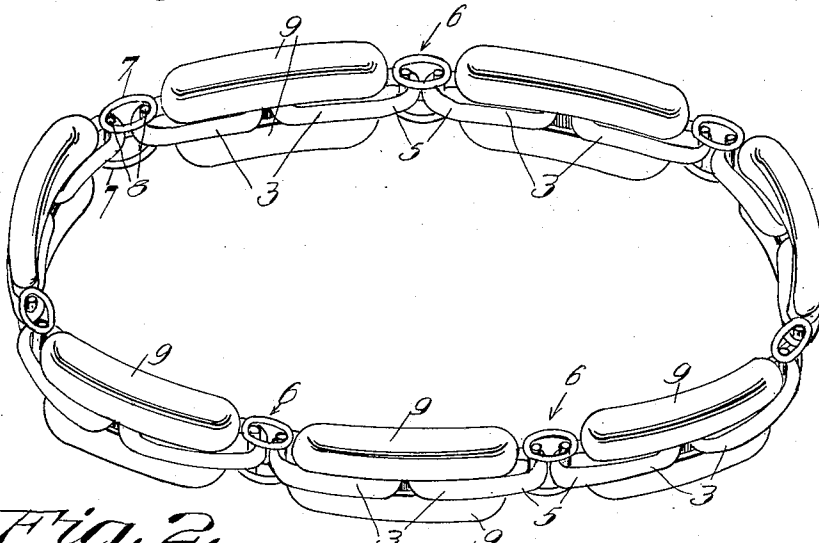


Fig. 2.

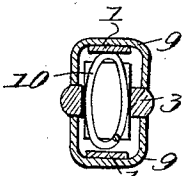
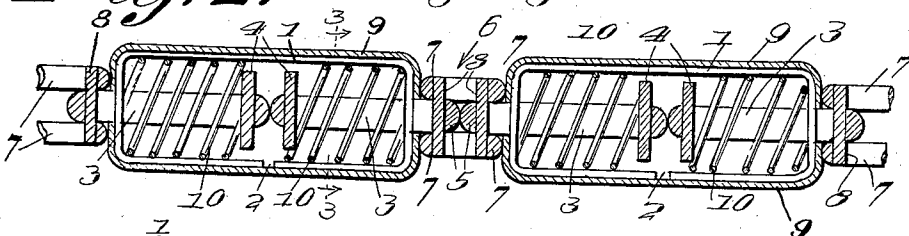


Fig. 3.

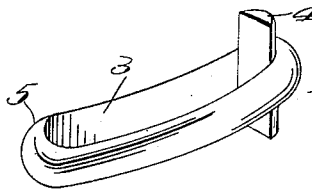


Fig. 4.

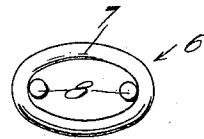


Fig. 6.

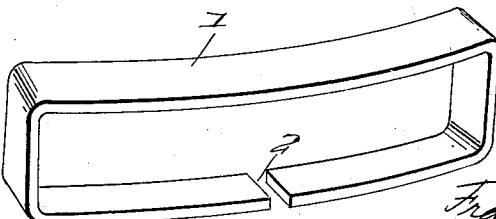


Fig. 5.

Witnesses
Ada E. Hagerty
Ella B. Dana

Inventor
Franc E. Forsell
Joseph A. Miller
Attorney

UNITED STATES PATENT OFFICE.

FRANS EDWARD FORSELL, OF ATTLEBORO, MASSACHUSETTS, ASSIGNOR TO ATTLEBORO CHAIN COMPANY, OF ATTLEBORO, MASSACHUSETTS.

BRACELET.

1,065,675.

Specification of Letters Patent. Patented June 24, 1913.

Application filed June 4, 1912. Serial No. 701,493.

To all whom it may concern:

Be it known that I, FRANS EDWARD FORSELL, a citizen of the United States, residing at Attleboro, in the county of Bristol and State of Massachusetts, have invented a new and useful Improvement in Bracelets, of which the following is a specification.

This invention relates to certain new and useful improvements in bracelets and relates more particularly to expansible chain bracelets.

The object of the invention is to provide a novel and improved form of links or units, and means for connecting same so that the bracelets will be possessed of a maximum degree of expansion.

In the drawings: Figure 1 is a perspective view of the invention. Fig. 2 is a central vertical fragmentary sectional view. Fig. 3 is a section on the line 3—3 of Fig. 2. Fig. 4 is a detail perspective view of one of the connecting links. Fig. 5 is a detail perspective view of the base member, and Fig. 6 is a top plan view of the coupling member of the connecting links.

In proceeding in accordance with the present invention, a substantially rectangular base member 1 formed of a strip or bar of metal, is employed, the base member being slotted at 2 for a purpose hereinafter referred to. The connecting links 3 are each provided with a transverse pin 4, which may be soldered or otherwise secured thereto, the ends of the pins 4 projecting above and below the top and bottom sides of the links 3, as depicted in Fig. 4 of the drawings, the pins being received and sliding in the space between the top and bottom sides of the base members 1, as shown in Fig. 2 of the drawings. The connecting links 3 have their free or outer ends 5 projecting beyond the adjacent ends of the base members 1 and are located in juxtaposition to each other as depicted in Figs. 1 and 2 of the drawings, said ends 5 being connected by couplings 6 that consist of spaced upper and lower ring-like parts 7 that are connected by a pair of oppositely-arranged pins 8 secured on the inner circumferences of the ring like parts 7, by means of solder or otherwise. The ends 5 of the connecting links 3 engage the inner sides of the pins 8 as shown in Figs. 1 and 2 of the drawings.

The base members 1 have their tops and bottoms provided with caps 9 which may be

forced over the tops and bottoms and ends of the base members and retained in position thereon either by the use of solder, or by rolling the marginal edges of the cap so that they impinge against the sides of the tops, bottoms and the ends of the base members 1. Elliptical coiled springs 10 are arranged in the base members 1 so as to engage the ends thereof and the pins 4 of the connecting links 3, there being a pair of springs for each base member, which springs are located on the interiors of the links as shown in Figs. 2 and 3, the springs serving to hold the connecting links in the contracted position depicted in Fig. 1, in which it will be noted that the inner ends of the connecting links 3 which carry the pins 4 are in abutting engagement.

In assembling the parts the two connecting links of a base member 1 are passed through the slot 2 thereof, whereupon the springs 10 are placed in the position shown in Fig. 2, and the caps 9 are then secured to the base members 1 in a manner above described. The coupling members 6 of the connecting links 3 may be secured thereto either before or after the assembling operation just described.

From the above it will be seen that the bracelet is composed of a series of units, each consisting of a base member, and the caps 9 thereon, and that the connecting links slide in the space between the caps. The pins 4 of the connecting links engage with the sides of the caps, and thereby provide guides for said links in their sliding movement. Further, it will be seen that by reason of the loose connection between the pins 8 of the coupling members 6 and the outer ends of adjacent connecting links, the latter may have a relative transverse movement, increasing the general flexibility of the bracelet in an obvious manner.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:—

1. In a bracelet, a slotted base member of rectangular form, a cap secured to the top and a cap secured to the bottom of said base member, a pair of connecting links having the sides of their inner end portions extending on opposite sides of the ends of the base member and having their inner ends projecting on the interior of the latter, each of said connecting links having a transverse

pin secured thereto, which pins slide in the space between the top and bottom of the base member, a coiled spring engaging each pin and the adjacent end of the base member, and a coupling member for the outer ends of adjacent links, including top and bottom spaced ring-like parts and pins secured at their ends to said ring-like parts and being passed through the outer ends of adjacent connecting links.

2. In a bracelet, a hollow base member of substantially rectangular form having a slot leading into its interior, links having

their inner ends admitted through said slot and located on the interior of the base member, springs between the inner ends of the links and the adjacent ends of said base member, and caps secured to the top and bottom of the base member.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FRANS EDWARD FORSELL.

Witnesses:

WALTER A. BRIGGS,
JOEL M. NICHOLS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."