Feb. 7, 1928. 1,658,381

A. KILSTROM

BRACELET

Filed Feb. 23, 1926

Fig. 1.

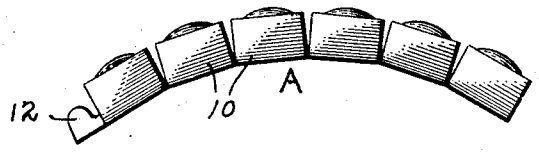


Fig. 2.

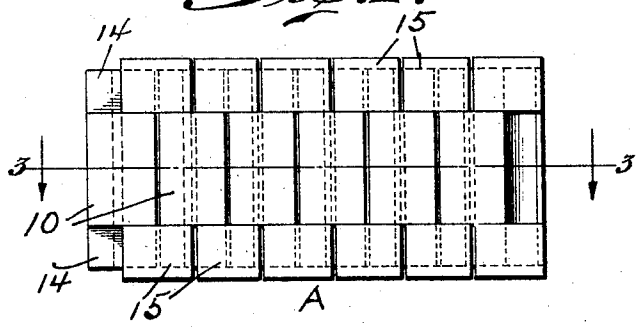


Fig. 3.

Fig. 4.

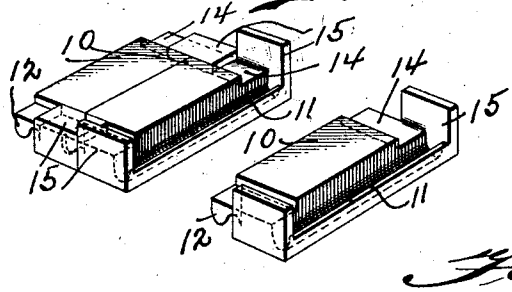


Fig. 5.

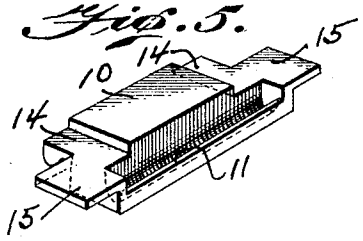
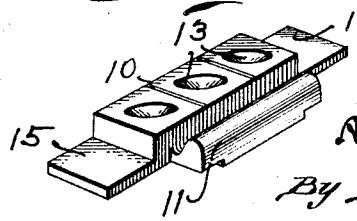


Fig. 6.



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UNITED STATES PATENT OFFICE.

AXEL KILSTROM, OF CRANSTON, RHODE ISLAND.

BRACELET.

Application filed February 23, 1926. Serial No. 90,108.

This invention is a bracelet of the type which is made up of a plurality of movably connected elements.

One of the objects of the invention is to provide a bracelet of the character referred to, in which the bracelet elements are provided with complemental portions by means of which a normally flexible or movable connection is maintained between said elements, thereby rendering it unnecessary to use flexible supplemental connecting links. A further object is to provide a flexible bracelet in which the bracelet elements are so constructed that they may be readily connected or disconnected, so that any one element may be taken out and replaced at will, or the length of the bracelet increased by adding new elements at any position. A further object is to provide solid bracelet elements in which the interlocking portions are concealed from view while the bracelet is being worn, said elements being provided with exposed areas capable of receiving ornamental settings, if desired.

The invention will be hereinafter fully set forth and particularly pointed out in the claims.

In the accompanying drawing:—

Figure 1 is a side elevation illustrating a portion of a bracelet constructed in accordance with the invention. Figure 2 is a bottom plan view thereof. Figure 3 is a longitudinal sectional view on the line 3—3, Figure 2. Figure 4 is a perspective view illustrating the method of connecting the bracelet elements. Figure 5 is a perspective view illustrating one of the bracelet elements and Figure 6 is a similar view illustrating the same elements reversed.

Referring to the drawing, A designates a portion of a bracelet made up of a plurality of relatively movable elements. Each of said bracelet elements consists of an approximately rectangular body 10, provided at one edge with a longitudinally disposed groove 11, and at the other edge with a longitudinally disposed pivot rib 12 extending parallel with said edge. The rib 12 of each element is complemental to and shaped to engage the groove 11 of a next adjacent element, a plurality of said elements being connected in a chain, as clearly shown in Figure 3. The top face of each element 10 may be provided as shown, with spaces 13 to receive precious stones or other settings.

The bottom face of each body 10 is provided at each end with horizontal shoulders 14, and the metal at the ends is extended to form flanges 15, located approximately in the plane of said shoulders, said flanges being off-set to extend across the ends of the groove 11. As clearly shown in Figure 4, after the rib 12 of one element has been engaged with the groove 11 of the next adjacent element, the flanges 15 of the last mentioned element are bent upwardly and then inwardly so as to seat upon the shoulders 14. By reason of their offset position, the flanges of one body 10 will overlap a portion of the body of a next adjacent bracelet element, so as to prevent the rib 12 of said adjacent element from moving out of the groove 11, with which it is engaged. Thus the bracelet elements so connected as to have pivotal movement on the rib and groove connections, and at the same time the overlapping portions of the flanges 15 normally prevent separation of said elements. It will be understood that any number of elements 10 may be connected in a string in the manner stated, and the ends connected to suitable catch elements, (not shown) in a manner well understood in the art. It is also to be understood that although the bracelet elements are shown and described as of approximately rectangular shape, the invention is not limited to the shape, which may be varied at will.

The advantages of the invention will be readily apparent to those skilled in the art to which it belongs. It will be particularly noted that the bracelet is made up of a plurality of bracelet elements, provided with interengaging portions which maintain a flexible pivotal engagement between the elements, and that by means of the flanges 15 the elements are maintained in a normally inseparable flexible relation. By means of this arrangement, it is not necessary to use intervening connecting links for the bracelet elements. Another important advantage is that by bending back the flanges of any two adjoining elements, one of them may be readily disengaged and removed for repair or replacement. Or additional elements may be placed in the bracelet as desired, the parts being securely joined together by again bending back the flanges so as to overlap the pivot connections.

Having thus explained the nature of the invention and described an operative manner

of constructing and using the same, although without attempting to set forth all of the forms in which it may be made, or all of the forms of its use, what is claimed is:—

1. A bracelet of the character described comprising a plurality of movably connected bracelet elements, each of which is provided with side flanges extending across the ends of the movable connection with one of the next adjacent bracelet sections, so as to prevent relative lateral movement of the movably connected sections, said flanges having bent over portions extending over contiguous portions of the top of said adjacent bracelet section.

2. A bracelet of the character described comprising a plurality of movably connected bracelet elements, each of which is provided with shoulders at its ends and also with side flanges extending across the ends of the movable connection with one of the next adjacent bracelet sections, so as to prevent relative lateral movement of the movably connected sections, said flanges having bent over portions extending over and engaging shoulders of the said adjacent bracelet section.

3. A bracelet of the character described comprising a plurality of movably connected bracelet elements, each of which is provided with end shoulders and also with integral flanges contiguous to and complemental to said shoulders, said flanges extending across the ends of the movable connection with one of the next adjacent bracelet sections, so as to prevent relative lateral movement of the movably connected sections, and having bent over portions positioned to overlap portions of the shoulders of said next adjacent bracelet section.

4. A bracelet of the character described comprising a plurality of bracelet elements, each having a longitudinal pivot rib on one edge and a longitudinal pivot groove on the other edge, the pivot rib of each element being positioned to engage the complemental groove of a next adjacent element, each bracelet element being provided with side flanges extending across the pivotal connection between it and one of the next adjacent bracelet elements, said flanges having bent over portions extending over portions of the top of said next adjacent bracelet section.

5. A bracelet of the character described comprising a plurality of bracelet elements, each having a longitudinal pivot rib on one edge and a longitudinal pivot groove on the other edge, the rib on each element being positioned to engage the groove of a next adjacent bracelet element, each bracelet element being provided with end shoulders and also provided with side flanges extending across the ends of the pivotal connection with one of the next adjacent bracelet elements, said flanges having bent over portions complemental to the shoulders of the last mentioned adjacent bracelet element.

6. A bracelet of the character described comprising a plurality of bracelet elements, each having a groove in one face contiguous to one longitudinal edge and a longitudinal rib extending from the other edge below the plane of the top face of the bracelet element, the rib of each element being positioned to engage the groove of a next adjacent element, each element having its end faces provided with shoulders and with side flanges, said flanges extending across the ends of the pivotal connection with one of the next adjacent bracelet elements, the flanges of each element having bent over portions positioned to engage the contiguous shoulders of the element to which they are attached, and also to overlap the shoulders of the last mentioned adjacent bracelet section.

7. In a bracelet, a bracelet element comprising a body having a longitudinally disposed groove on one edge and a longitudinally disposed rib on its other edge, said body having flange-like extensions at its sides provided with bent over portions positioned to overlap the corresponding contiguous sides of an adjacent similar body.

8. In a bracelet, a bracelet element comprising a body having a longitudinally disposed groove in one edge and a pivot rib on the opposite edge extending parallel with the edge and in a plane below the plane of the top surface of said body, said body having its bottom face provided with side shoulders and complemental bendable flanges contiguous to said shoulders and also complemental thereto.

9. In a bracelet, a bracelet element comprising a body having a longitudinal groove in one edge and a rib extending from the other edge and parallel therewith, said body having side shoulders and bendable flanges in the plane of said shoulders, said flanges being offset to extend across the ends of said groove so as to engage the shoulders of a next adjacent bracelet element.

In testimony whereof I have hereunto set my hand.

AXEL KILSTROM.