

J. F. KILLION.
BRACELET.

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1,010,636.

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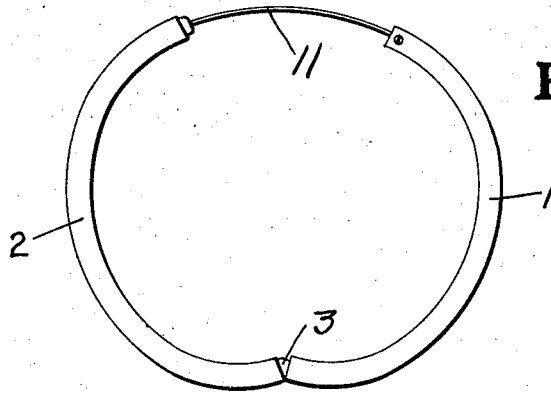


Fig. 1.

Fig. 2.

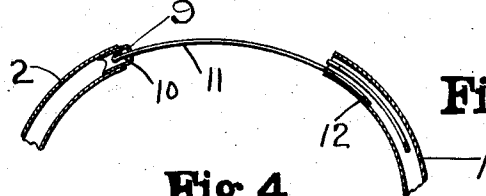
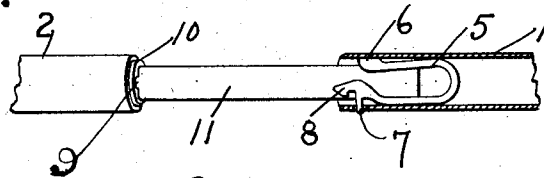


Fig. 3.

Fig. 5.

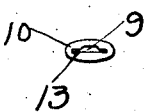


Fig. 4.

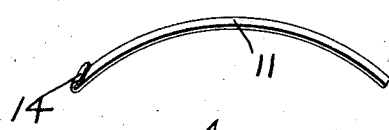


Fig. 6.

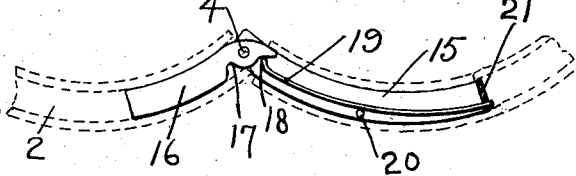


Fig. 7.

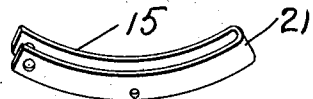


Fig. 8.

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UNITED STATES PATENT OFFICE.

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BRACELET.

1,010,636.

Specification of Letters Patent.

Patented Dec. 5, 1911.

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To all whom it may concern:

Be it known that I, JOHN F. KILLION, a citizen of the United States, residing at the town of Attleboro, in the county of Bristol and State of Massachusetts, have invented certain new and useful Improvements in Bracelets, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to bracelets, and has for its object to provide a bracelet having a spring actuated hinge to swing the bracelet sections apart automatically, and a guard to limit the opening action of said spring hinge to obviate the liability of the bracelet members being opened too wide and broken. This guard also serves to prevent the bracelet from dropping from the arm of the wearer if it should become accidentally unclapsed.

A further object of the invention is to form the guard member of a broad, flat, yieldable metal band fixed at one end in one of the bracelet sections, the opposite end passing through a slot in a cap in the end of the opposite section and this free end of said guard being bent back upon itself to form a shoulder or stop to engage the inside of said cap to limit the opening motion of the bracelet and to slide inside of the tubular section when the bracelet is closed.

With these and other objects in view, the invention consists of certain novel features of construction, as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings: Figure 1—illustrates a bracelet in its open position exposing the guard. Fig. 2—is a top view partially in section illustrating the guard in detail. Fig. 3—is a detail longitudinal view at right angles to Fig. 2. Fig. 4—is a detail of the guard band. Fig. 5—is a front view of the end cap showing the slot through which the guard band slides. Fig. 6—shows the hinge members in open position the bracelet members being shown in dotted lines. Fig. 7—is a detail of the tongue portion of the hinge. Fig. 8—is a detail of the U-shaped portion of the hinge.

The bracelet is composed of two hollow or tubular sections 1 and 2, connected at 3 by a hinge joint 4. In the free end of the section 1, is secured a substantially U-shaped catch member 5 soldered at 6 to the inside

of the tube. The free end of this catch is provided with a presser pin 7, which projects through the side of the tube to be engaged by the thumb nail for the purpose of disengaging the notched end 8 from the slot 9 in the cap 10 in the end of the opposite section so that said sections may be opened or swung apart into the position illustrated in Fig. 1. To limit this opening motion I have provided a guard formed of a simple plain, thin, flat, yieldable metallic band 11, one end of which is fastened at 12 by solder to the inner side of the section 1. The opposite end of this band passes through the elongated slot 13 in the cap 10 and has its end 14 doubled or rolled back upon itself, see Fig. 4 thereby providing a simple, inexpensive and effective means for forming a shoulder or stop for the purpose of bringing up against the inner side of the end wall of the cap 10 to limit the opening motion of said sections when the bracelet is open. This band aside from being handsome and attractive in appearance is also very strong and durable and not easily bent or injured when exposed. The cap 10 is fitted tightly and secured into the end of the section 2, the end portion of said cap projecting slightly beyond the end of this section over which the opposite section end fits to support said ends against lateral motion when the bracelet is closed.

The joint 4 at the opposite ends of the tubular sections is constructed of a U-shaped member 15 between the free ends of which is pivoted a tongue member 16. This tongue member is notched on its underside at 17 to provide clearance for the edge of the tube when the sections are opened. The tongue is also again notched near its end at 18 to receive the end of the flat spring 19, said spring extending back into the U-shaped member 16 and is supported at its middle portion on the pin 20, the opposite end of said spring passing through and is secured to the rear wall 21 of the U-shaped member 15, said spring serving to normally hold this joint in its open position. Both of these hinge members are inserted and secured by solder or otherwise in the abutting ends of the opposite sections.

I claim:

1. A bracelet comprising two tubular sections, hinge members carried by the respective sections for pivotally connecting said

members, a tongue carried by one hinge member, a spring carried by the other hinge member and engaging said tongue, said spring acting to normally force said sections 5 to open position, a catch carried by one bracelet section and adapted to engage the other section to hold the bracelet sections in closed position in opposition to said spring, and a guard member for limiting the 10 opening movement of the bracelet sections under the influence of said spring.

2. A bracelet comprising a pair of tubular sections, a U-shaped hinge member secured to one of said sections, a second hinge mem- 15 ber secured to the other section and provided with a tongue, a pivot pin uniting said hinge members, a spring carried by said

U-shaped member and engaging the tongue of the other member, said spring acting to normally force the bracelet sections into 20 open position, a catch carried by one bracelet section and adapted to engage the other section to hold the bracelet sections in closed position in opposition to said spring, and a 25 guard member for limiting the opening movement of the bracelet sections under the influence of said spring.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN F. KILLION.

Witnesses:

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