July 28, 1931. F. W. NITTEL 1,816,810

CHAIN BRACELET

Filed May 13, 1931

Fig. 1

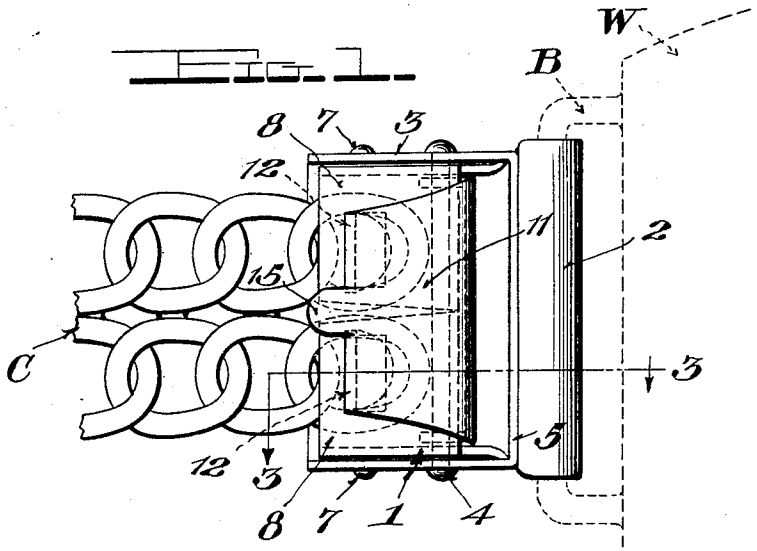


Fig. 2

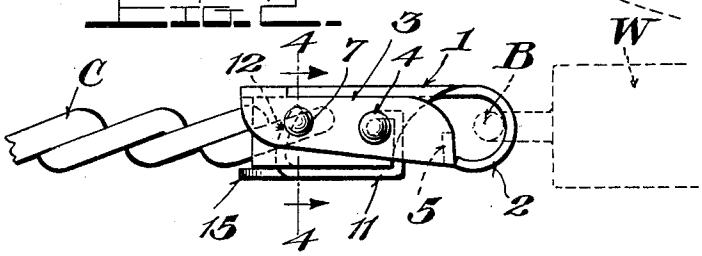


Fig. 3

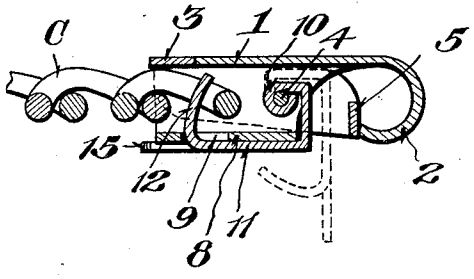
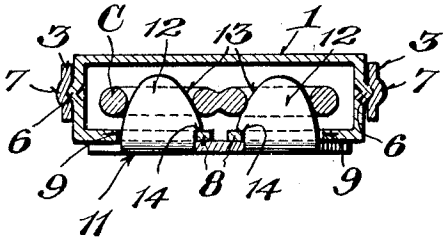


Fig. 4



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UNITED STATES PATENT OFFICE

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CHAIN BRACELET

Application filed May 13, 1931. Serial No. 536,937.

This invention relates to certain new and useful improvements in chain bracelets and more particularly pertains to a fastener or the like for releasably holding one end of the bracelet so that the latter may be lengthened or shortened as desired.

The primary object of the invention is to provide an improved catch for the purpose mentioned and one which can be easily and quickly manipulated and which at the same time is of simple and economical construction and reliable and efficient in action.

The invention has further and other objects which will be later set forth and manifested in the course of the following description.

The drawings:

Figure 1 is a top plan view of the invention;

Figure 2 is a side edge elevation; and

Figure 3 and Figure 4 are sections on lines 3—3 and 4—4 of Figures 1 and 2 respectively.

In proceeding in accordance with the present invention a body 1 is provided which is formed of sheet metal and is of substantially rectangular cross section as shown in Figure 4. The top of the body is extended to form a hook 2 which is adapted to engage over the usual side bar B of a wrist watch W. A substantially O-shaped bale or latch 3 is pivoted on a pin 4 to the sides of the body 1 and has its forward edges 5 formed to engage the hook 2 so as to close the latter and thereby prevent disengagement of the body from the wrist watch. Teats 6 are struck out from the sides of the body and are formed to engage in struck-out sockets 7 by springing thereinto, the sockets being formed in the sides of the latch member 3. Referring to Figure 4 of the drawings it will be seen that the bottom of the body 1 is centrally split throughout its length to form two sections or parts 8, each part being formed with an opening 9. The bottom of the body is thus formed of two completely separated and independently movable parts and since the entire structure is formed of spring material, these parts are capable of spring-like movement. The pin 4 on which the latch 3 is pivoted has one end 10 of a snap catch 11 mounted thereon so that the catch can be swung from the full to the dotted line position of Figure 3. The catch is provided with fingers 12 that have cam-like edges 13 and shoulders 14, the fingers being receivable in the openings 9. A finger grip 15 is formed on the catch 11 and is disposed between the fingers 12.

The chain bracelet C as shown is of the two strand variety although other mesh or open types susceptible of use with one or a pair of fingers may be employed. In operation, it will be seen that upon movement of the catch 11 from the dotted line to the full line position of Figure 3 and with one end of the bracelet within the body 1, the cam-like edges 13 of the fingers 12 will engage the outer side edges of the yieldable parts 8 of the bottom of the body and due to the fact that these parts are readily flexible, same will be caused to approach one another until the shoulders 14 snap past the parts 8 whereupon the latter will spring outwardly and engage against the shoulders, thereby holding the latch in position.

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

1. A bracelet fastener composed of a hollow body formed to receive one end of a bracelet therein, and having its bottom split to form a pair of opposed flexible parts and each of said parts being formed with an opening, a catch pivoted to the body and having a pair of fingers formed to engage through an end of the bracelet to hold the latter in the body, said fingers having their inner sides tapered to form cams and having shoulders formed to engage over the said parts of the bottom of the body, whereby upon movement of the fingers into the body the cam sides thereof will engage the outer sides of the said parts of the body bottom to force the latter toward one another until the shoulders snap past the said parts whereupon the latter will spring outwardly and engage the shoulders to latch same in position, and a finger engaging part carried by the said catch and disposed between the fingers thereof and catch

and disposed between the fingers thereof and projecting outwardly therefrom.

2. A bracelet fastener composed of a hollow body formed to receive one end of a bracelet therein, and having its bottom split to form a pair of opposed flexible parts, and each of said parts being formed with an opening, and a catch pivoted to the body and having a pair of fingers formed to engage through an end of the bracelet to hold the latter in the body, said fingers having one of their sides tapered to form cams and having shoulders formed to engage over the said parts of the bottom of the body, whereby upon movement of the fingers into the body the cam sides thereof will engage the adjacent sides of the said parts of the body bottom to force the latter toward one another until the shoulders snap past the said parts whereupon the latter will spring outwardly and engage the shoulders to latch same in position.

3. A bracelet fastener composed of a member formed to receive an end of a bracelet therein and having a pair of flexible parts each formed with an opening, and a catch pivoted to the body and having fingers extending through the openings and through the bracelet to hold the latter in the member, said fingers having cam sides and shoulders, the cam sides being engageable with said parts to move same to enable the shoulders to spring past said parts and are then engaged with the latter upon return movement of the parts.

4. A bracelet fastener composed of a member formed to receive an end of a bracelet therein, and having a flexible part formed with an opening, and a catch pivoted to the body and having a finger engaging through the opening, said finger having a cam side and a shoulder, the cam side being engageable with said flexible part to move the latter upon inward movement of the finger until the shoulder snaps past said part whereupon the latter will return and engage the shoulder.

In testimony whereof I have signed my name to this specification.

FREDERICK W. NITTEL.