Feb. 9, 1932. W. LICHTENFELS 1,844,131

BRACELET CLASP

Filed July 17, 1930

Fig. 1.

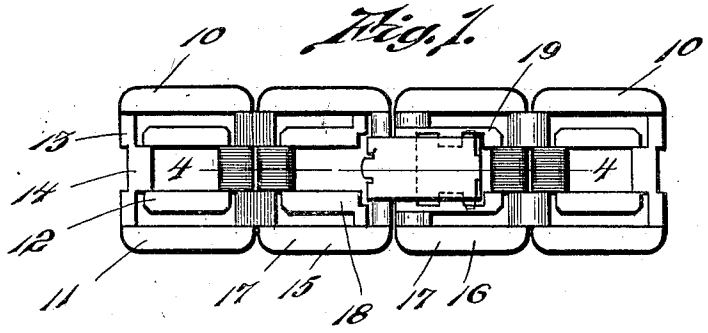


Fig. 2.

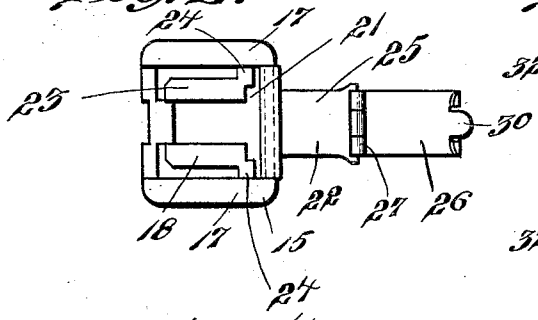


Fig. 3.

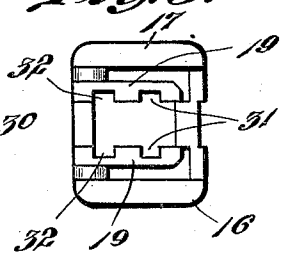
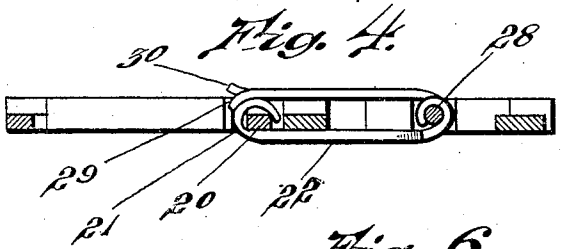


Fig. 4.



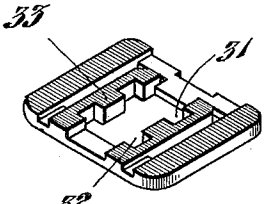
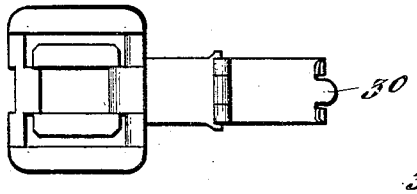


Fig. 5.

Fig. 6.



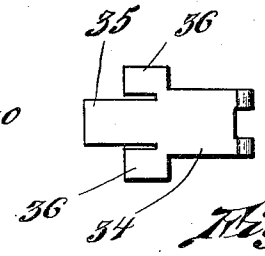


Fig. 7.

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UNITED STATES PATENT OFFICE

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BRACELET CLASP

Application filed July 17, 1930. Serial No. 468,577.

This invention relates to a bracelet clasp for securing a pair of links of a bracelet chain together, and has for its object to provide a construction which will present an attractive appearance when secured intermediate the ends of a bracelet chain and which may be attached or detached at will.

A further object of the invention is to provide a clasp of a construction in which the encircling length of the bracelet may be varied by adjustment.

A still further object of the invention is to provide a member formed of two parts hinged together and secured to one of the links of the bracelet which may extend through an opening behind laterally extending projections on another link of the bracelet, the two parts of the member being clasped together by friction to hold the links of the bracelet connected.

With these and other objects and advantageous features in view, the invention consists of a novel arrangement of parts more fully disclosed in the detailed description following, in conjunction with the accompanying drawings, and more particularly set forth in the appended claims.

In the drawings:

Fig. 1 is a top plan view of a series of links with the clasp connecting two of the links in closed position;

Fig. 2 is a top plan view of one of the pair of links which are connected by the foldable clasp member;

Fig. 3 is a top plan view of the other of the pair of links which are connected, showing the notches in the inner bars of the links to permit of adjustment;

Fig. 4 is a central section on line 4—4 of Figure 1;

Fig. 5 is a perspective view of the link shown in Figure 3;

Fig. 6 is a top plan view of a slightly modified form of clasp with the same in open position; and

Fig. 7 is a detail of one part of the clasp member.

It is found desirable in the formation of bracelet chains to construct the same to have the appearance of two series of links one within the other, and in order to provide a clasp which will utilize features of such a construction, I have formed a member secured to one link which may extend through a selected set of notches in another link and fold upon itself by means of a suitable hinge or the like to connect the links together; and the following is a detailed description of the present embodiment of this invention illustrating the preferred means by which these advantageous results may be accomplished.

With reference to the drawings, 10 designates one of the links of the chain which is provided with outer bars 11 and inner bars 12 secured together by a suitable cross bar 13 having an inset portion 14 between the inner series of links. A pair of link members in this series 15, 16 are separably connected forming my clasp. The connected link members have generally the same appearance as links 10 and may be slightly modified in construction for convenience, the same being provided with longitudinally extending outer bars 17 in both links 15 and 16 with inner bars 18 in the link 15, and inner bars 19 in the link 16. The cross bar 20 at the end of the link 15 extends between the outer bars 17 with an opening 21 back of the same to permit the part 25 of the member 22 to be folded about the bar 20 in hinged relation, while the inner bars 23 of the link 15 are connected by laterally extending portions 24 to the side bars, as illustrated in Figure 2.

The member 22 is formed in two parts, the part 25 being the part folded about the cross bar 20, while the part 26 is hinged to part 25 by means of the hinge pintle 28 extending through suitable eyes 27 formed on each of the parts, whereby the part 26 may fold over the part 25 and the hook end 29 of the part 26 of the member may frictionally engage the portion rolled about the bar 20 to hold the parts in closed position. A finger piece 30 is raised from the hook end of the part 26 to provide a finger piece to be manually engaged to unclasp the parts for detachment of the ends of the chain.

The inner bars 19 of the link 16 are notched as at 31 and 32 in pairs with each pair of notches located opposite each other, whereby

projections or teeth 33 are formed to be engaged by the member 22. This member is of a size to permit insertion through the selected pair of notches and be folded into clasped relation to engage the laterally extending projections or teeth 33 on the inner set of bars.

In some instances, the member 22 is secured to the link to be rigid therewith, as illustrated in Figure 6, in which case the part 34 of the member is formed with a tongue 35 and wing portions 36 to fold about the portions 14 and 13 respectively of the link 10, in which case the construction of link 10 may be used. In forming the part 34 rigid with the end link, in some cases it may be easier to thread the member 22 through the desired selected pair of notches than where a hingeing relation is provided such as shown in Figure 2.

While I have described certain construction forms which embody the principles of my invention, it is obvious that other desired changes in arrangement may be made within the spirit and the scope of the invention as defined in the appended claims.

I claim:

1. A clasp comprising a pair of link members, one of the link members provided with laterally extending portions with an opening back of the same, a clasp member secured to the other link member and having a part adapted to extend through said opening and engage said portions, said member being formed of two parts hinged to fold one over the other and having fingers on one part at its free end to frictionally engage the other part at its correspondingly located end to hold the links connected together.

2. A clasp for a chain comprising a pair of link members with longitudinally extending bars, notches in the inner edges of the bars of one member arranged opposite each other, the other link member having a foldable member with a part to extend through the notches, and means at the ends of said foldable member to secure the ends together and said links in the desired adjusted position.

3. A clasp comprising a pair of link members, one of said link members provided with longitudinally extending parallel bars with a plurality of pairs of notches oppositely disposed in the inner edges of said bars, the other of said link members provided with a clasp member having two jaws, one jaw permanently secured to the link member, and the other jaw hinged to the first jaw at one end and detachably secured thereto at the other end, one jaw of said clasp member extending through the selected notches and engaging the edges thereof to detachably secure the pair of link members together when in closed position.

4. A clasp comprising a pair of link members, one of said link members provided with longitudinally extending parallel bars with a plurality of pairs of notches oppositely disposed with a clasp member having two jaws, one jaw permanently secured to the link member, and the other jaw hinged to the first jaw at the end distant from the link member, and detachably secured thereto at the other end, one jaw of said clasp member extending through the selected pair of said notches and engaging the edges thereof to detachably secure the link members together in adjusted position when closed.

5. A clasp comprising a pair of link members, one of the link members being formed of two spaced pairs of longitudinally extending bars, the inner two of said bars being notched, the other of said link members being formed of two spaced pairs of longitudinally extending bars, and a clasp member secured to the second mentioned link substantially in line with the inner of said bars to extend through said notches of the first mentioned link and engage the edges thereof to hold the link members connected together.

6. A clasp comprising a pair of link members, one of the link members being provided with laterally extending portions with an opening back of the same, a clasp member secured to the other link member to extend through said opening and engage said portions, said clasp member being formed of two parts hinged to fold one over the other and having fingers on one part at its free end to frictionally engage the other part at its correspondingly located end to hold the link members connected together.

7. A clasp comprising a pair of link members, one of the link members provided with laterally extending portions with an opening back of the same, a clasp member secured to the other link member, said clasp member having two parts, one part thereof adapted to extend through said opening and engage said portions, said part being foldable upon the other part thereof, and means at the ends of the parts of said clasp member to hold the parts in folded position and the link members connected together.

In testimony whereof I affix my signature.

WILLIAM LICHTENFELS.