July 9, 1929. E. PRESTINARI 1,720,235

CHAIN

Filed Nov. 15, 1928

Fig. 1.

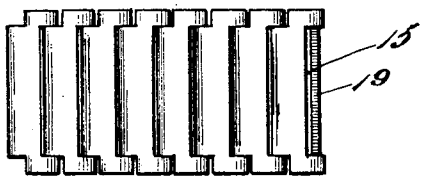


Fig. 2.

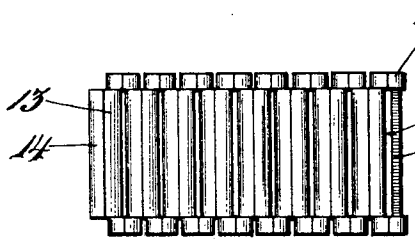


Fig. 3.

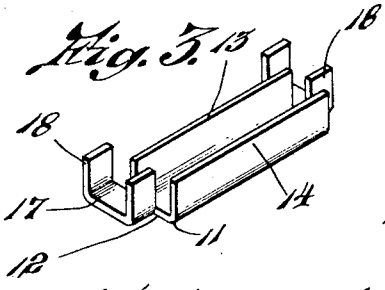


Fig. 4.

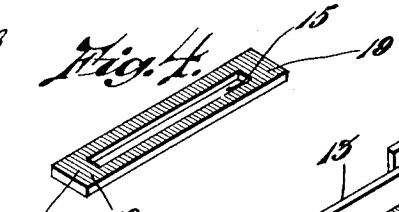


Fig. 5.

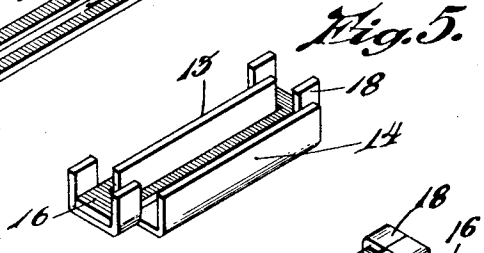


Fig. 7.

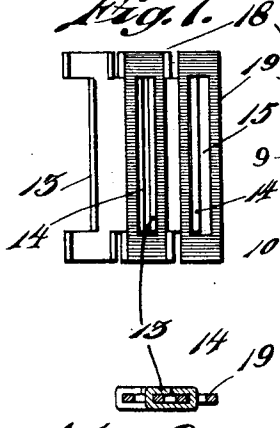
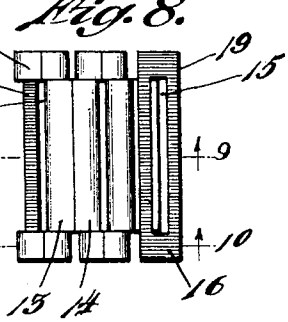


Fig. 8.



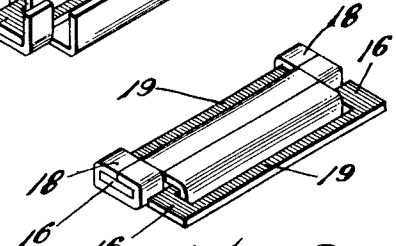
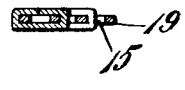


Fig. 6.

Fig. 9.

Fig. 10.



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UNITED STATES PATENT OFFICE.

EUGEN PRESTINARI, OF IRVINGTON, NEW JERSEY, ASSIGNOR TO GEMEX COMPANY, OF NEWARK, NEW JERSEY, A CORPORATION OF NEW JERSEY.

CHAIN.

Application filed November 15, 1928. Serial No. 319,549.

This invention relates to a chain for use as a bracelet or strap of the type used for holding a watch on the wrist of the wearer; and has for its object to provide a thin, flexible strap which will be light in weight and comfortable to the wearer.

A further object of the invention is the provision of a chain which will present a smooth flat inner or bottom surface for engagement with the arm of the wearer and completely hide the connecting frame link of the strap from view to afford an ornamental apeparance to the device.

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:

Fig. 1 is a top plan view of a plurality of links connected together.

Fig. 2 is a bottom view thereof.

Fig. 3 is a perspective view of the body link.

Fig. 4 is a perspective view of the frame connecting link.

Fig. 5 is a perspective view showing the arm of the link as passing thru the connecting frame link.

Fig. 6 shows a pair of frame links with a body link having its arms wrapped about the frame link for connecting the same thereto to permit of hinging or pivoting action.

Fig. 7 is a top plan view of a plurality of frame and body links with the latter open as illustrated in Fig. 5.

Fig. 8 is a view similar to Fig. 7 with some of the arms folded into closed position.

Fig. 9 is a section on line 9—9 of Fig. 8.

Fig. 10 is a section on line 10—10 of Fig. 8.

In chain structures of the character used as bracelets for wrist watches, it is desirable that the same be thin and light in weight and flexible to easily encircle the wrist as well as sufficiently smooth to afford comfort to the wearer and at the same time to be of ornamental appearance to adorn the wrist as an article of jewelry; and in order to accomplish these results, I have provided a series of sheet metal body links, each having arms to extend thru the frame connecting links, the body having offset end portions wrapped about the ends of the frame links to lie flush with the arms and conceal the end portions of the connecting links from view; 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, 11 designates the body link having a top wall 12 and end arms 13 and 14 to pass thru the openings 15 of the connecting frame links 16. In connecting the links 11 and 16 together, the arms 13 and 14 of the adjacent body links are passed thru the opening in the frame link 16 and folded about the spaced end bars formed by the slot 15 thus providing an arrangement by which the arms 13 and 14 of the body link pass thru two adjacent frame links to be folded toward each other into abutting relation to connect the two frame links together.

The side of each body link is provided with an offset portion 17 with fingers 18 which are wrapped about the end portions 19 of each frame link to hide the same from view. The arms 13 and 14 are of a combined thickness substantially the width of the opening 15 in the frame link while the offset portions 17 are offset longitudinally of the chain at a point outwardly from the ends of the arms to completely cover the frame link from the top or bottom view of the chain.

By this construction the chain is made up of a series of units each of which consists of two parts consisting of a body link and frame link held fast therein by offset portions 17 with a portion of the frame link between these offset portions at the ends exposed to receive the arm 14 of the next adjacent unit for connecting the units together, it being clearly apparent that the hinging or pivoting action between the units takes place about the arm 14 rather than about the arm 13 of the body link, which serves to hold and cover the frame link.

It will be understood from the above that this chain is simple in construction being composed of but two different links which may be multiplied by tool operations in any quantity desired and assembled quickly to form the desired length.

The foregoing description is directed solely towards the construction illustrated, but I desire it to be understood that I reserve the privilege of resorting to all the mechanical

changes to which the device is susceptible, the invention being defined and limited only by the terms of the appended claims.

I claim:

1. A chain comprising a series of sheet metal body links and frame links connecting the same, arms on adjacent body links extending thru and folded about a connecting frame link, each of said body links having offset portions wrapped about the ends of the frame link to conceal the same from view.

2. A chain comprising a series of sheet metal body links connected by frame links, each having a longitudinal opening therein of a width less than the width of the link and forming spaced end bars connected at each end by end portions, each body link having a pair of arms of a combined thickness substantially the width of the opening in the frame link and each passing thru adjacent frame links and folded about the end bars, integral lateral extensions on each body link offset therefrom beyond the arms in the direction of the length of the chain, and fingers on the offset portion folded about the end portions of the frame link to hide the end portions from view.

3. A chain comprising a series of sheet metal body links connected by frame links, each having a longitudinal opening therein of a width less than the width of the link forming spaced end bars connected at each end by end portions, each body link having a pair of arms of a combined thickness substantially the width of the opening in the frame link and each passing thru adjacent frame links and folded about the end bars, integral lateral extensions on each body link offset in the direction of the length of the chain therefrom beyond the arms and fingers on the offset portion folded about the end portions of the frame link to hide the end portions from view, said arms and fingers extending toward each other into abutting relation to form a smooth back surface for the chain.

4. A chain comprising a series of units each having a frame link and a body link with end portions of the body link embracing the ends of the frame link to secure it thereto, an arm on the body link to extend thru the frame link of the next unit, the body link between the end portions being offset to expose the frame link for reception of the arm of the next body link and said frame link being of a length no greater than the length of the body link.

In testimony whereof I affix my signature.

EUGEN PRESTINARI.