JEWELRY SHORTENER LOCK WITH PIN

Fig. 1

Fig. 2

Fig. 3

Fig. 4

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This invention relates to the art of jewelry clasps and more particularly relates to a clasp for adjusting the length of a necklace loop and the like.

Broadly, the invention comprises a thin flatwise bar with flanges depending from the bottom edge at the ends thereof supporting short tubes in spaced aligned position, parallel to the body of the bar. An ornamental plate is supported on the top edge of the bar and overlaps said edge. A slidable sleeve is interposed between the spaced ends of the tubes adapted to close the gap between said inner ends. An ornamental brooch is supported by the aligned tubes and sleeve by means of a pivoted pin and latch.

A principal object of the present invention is to provide a clasp for adjusting the length of a necklace loop or the like, the clasp having ornamental devices adapted to seat on opposite sides of the necklace for ornamental purposes.

Another object of the invention is to provide a clasp for adjusting the length of a necklace loop that is convertible from a clasp with a single ornament to a clasp with a pair of ornaments.

A further object of the invention is to provide a clasp for adjusting the length of a necklace loop with a permanent ornament and with means for detachably mounting a temporary detachable ornament.

For further comprehension of the invention and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

FIG. 1 is a top plan view of a fragment of a necklace with a clasp embodying the invention in length-shortening position thereon.

FIG. 2 is a similar view with the clasp in partly open position.

FIG. 3 is a bottom plan view thereof with parts of the clasp omitted.

FIG. 4 is a view similar to FIG. 2 with parts of the clasp omitted.

FIG. 5 is a view similar to FIG. 3 on a larger scale.

FIG. 6 is a view similar to FIG. 4 on a larger scale.

FIG. 7 is an end edge view of the clasp as seen along the line 7—7 of FIG. 5, the necklace being shown in dotted lines.

FIG. 8 is a horizontal sectional view taken on the line 8—8 of FIG. 7.

FIG. 9 is a vertical sectional view taken on the line 9—9 of FIG. 7.

FIG. 10 is a cross-sectional view taken on the line 10—10 of FIG. 5.

FIG. 11 is a view similar to FIG. 6, showing the latching sleeve in open position.

Referring to the drawings, there is shown in FIG. 1 a jewelry clasp indicated generally by the reference numeral 10. Referring particularly to FIG. 7, the clasp includes an elongated thin flat metal bar body 12 with depending flanges 14 at the ends thereof. A pair of short tubes 16 and 18 are fastened in horizontal aligned spaced position to the bottom edges of the flanges 14 by welding or the like. The body 12, flanges 14 and tubes 16 and 18 define a space 20 therebetween, communicating with the space 22 between the inner ends of the tubes.

A split sleeve 24 is slidable mounted on the tube 16 and is of a length to span the space 22 between the ends of the tubes. A finger piece 26 is formed on the solid portion of the sleeve midway its ends for manually sliding the sleeve. The sleeve is slitted from the finger piece to and intersecting the adjacent end of the sleeve as indicated at 28. A stop 30 is formed on the bottom surface of tube 16 for countering with the closed inner end of slit 28 to limit movement of the sleeve in one direction, and a similar stop 32 is formed on the bottom surface of tube 18 to limit movement of the sleeve in the opposite direction, as will be seen in FIG. 6.

An elongated plate 34 substantially oval in top plan is fastened to the top edge of the bar body 12 by welding or the like. The plate has a corrugated or fluted peripheral edge 36 and the top surface thereof is formed with radial lines 38 radiating from a center circle in simulation of a sunburst. The plate ornaments and enhances the attractiveness of the clasp.

In order to shorten the length of a necklace loop, such as the necklace 42 shown in FIG. 1, the clasp 10 is attached to the necklace between adjacent pairs of balls 44 by inserting reaches of the cord 46 between said balls through the space 22 between the inner ends of the tubes 16 and 18, the sleeve 24 having first been removed from the 16 out of the way. The cord positions itself in the space 22, the adjacent balls impinging against the bar body, tubes and sleeve holding the clasp against movement along the necklace.

The invention contemplates use of an article of jewelry for enhancing the attractiveness of the clasp 10. The article of jewelry, such as a brooch 50, comprises a slightly curved elongated metal body 52 of the configuration of a leaf with a scalloped peripheral edge 54 and a central vein 56. An elongated pin 58 has one end hinged fastened to a perforated lug 60 on the inner surface of the body 52 adjacent one end thereof, the other end of the pin adapted to engage a fixedly mounted latch 62 for holding the free end of the pin in latched position. In order to use the brooch 50, the pin 58 is inserted through the aligned tubes 16 and 18 and the sleeve 24 as seen in FIG. 2. The body of the brooch is swung over the necklace and the projecting point of the pin latched to the latch 62 on the body of the brooch, securing the brooch in the position shown in FIG. 1.

It will be understood that the clasp may be used without the brooch 50 and will serve effectively as a device for shortening the length of the necklace loop such as shown in FIG. 5, and at the same time will present an ornamental and attractive appearance.

The clasp will readily serve the purpose of enabling adjustable shortening or shortening of loops of necklaces in a quick, convenient and safe manner. The clasp may be made of precious or base metals, or may be made of base metal plated with various metals.

While we have illustrated and described the preferred embodiment of our invention, it is to be understood that we do not limit ourselves to the precise construction hereinafter disclosed and that various changes and modifications may be made within the scope of the invention as defined in the appended claims.

Having thus described our invention, what we claim is new, and desire to secure by United States Letters Patent is:

1. A jewelry clasp for adjusting the length of a necklace loop, comprising an elongated flat thin bar with flanges depending from the ends thereof, tubes supported on the ends of the flanges in overlying spaced relation to said bar and in spaced alignment with each other and a sleeve means slidably supported on one of the tubes adapted to span the space between the tubes and provide access to the first mentioned space, said tubes and sleeve means forming a through passage.
3. A jewelry clasp for adjusting the length of a necklace loop, comprising an elongated flat thin bar with flanges depending from the ends thereof, tubes supported on the ends of the flanges in overlying spaced relation to said bar and in spaced alignment with each other and a sleeve means slidably supported on one of the tubes adapted to span the space between the tubes and provide access to the first mentioned space, said tubes and sleeve means forming a through passage, and means on the tubes for limiting sliding movement of the sleeve means, said bar, flanges and tube defining a recess to receive part of a necklace.

4. A jewelry clasp for adjusting the length of a necklace loop, comprising an elongated flat thin bar with flanges depending from the ends thereof, tubes supported on the ends of the flanges in overlying spaced relation to said bar and in spaced alignment with each other, and a sleeve means slidably supported on one of the tubes adapted to span the space between the tubes and provide access to the first mentioned space, said tubes and sleeve means forming a through passage, means on the tubes for limiting sliding movement of the sleeve means, and means on the sleeve means for facilitating sliding thereof.

5. A jewelry clasp for adjusting the length of a necklace loop, comprising an elongated flat thin bar with flanges depending from the ends thereof, tubes supported on the ends of the flanges in overlying spaced relation to said bar and in spaced alignment with each other, and a sleeve means slidably supported on one of the tubes adapted to span the space between the tubes and provide access to the first mentioned space, said tubes and sleeve means forming a through passage, an ornamental oval-shaped plate fixed on the top edge of the bar disposed perpendicularly to the plane of the body of the bar, said plate overlapping both sides of the body of the bar, said plate having its outer surface decorated with radial lines and having its peripheral edge corrugated, and a brooch having an elongated pin detachably extending through the aligned tubes and sleeve means, and means carried by the brooch for latching the brooch onto the protruding end of the pin, said plate adapted to seat on one side of a necklace and said brooch on the other side of the necklace.

6. A jewelry clasp for adjusting the length of a necklace loop, comprising an elongated flat thin bar with flanges depending from the ends thereof, tubes supported on the ends of the flanges in overlying spaced relation to said bar and in spaced alignment with each other and a sleeve means slidably supported on one of the tubes adapted to span the space between the tubes and provide access to the first mentioned space, said tubes and sleeve means forming a through passage, lugs depending from the tubes for limiting sliding movement of the sleeve means, and a finger piece on the sleeve means to facilitate sliding thereof, an ornamental oval-shaped plate fixed on the top edge of the bar disposed perpendicularly to the plane of the body of the bar, said plate overlapping both sides of the body of the bar, said plate having its outer surface decorated with radial lines and having its peripheral edge corrugated, and a brooch having an elongated pin detachably extending through the aligned tubes and sleeve means, and means carried by the brooch for latching the brooch onto the protruding end of the pin, said plate adapted to seat on one side of a necklace and said brooch on the other side of the necklace.

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