March 21, 1950 L. A. ANDERSON 2,501,252

EXPANSIBLE BRACELET

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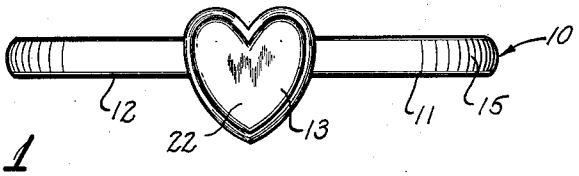


Fig. 1

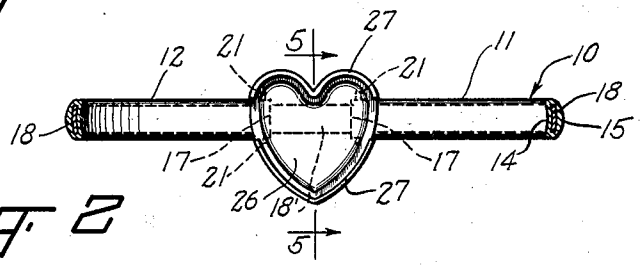


Fig. 2

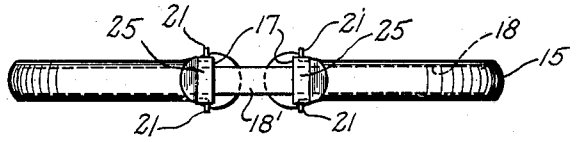


Fig. 3

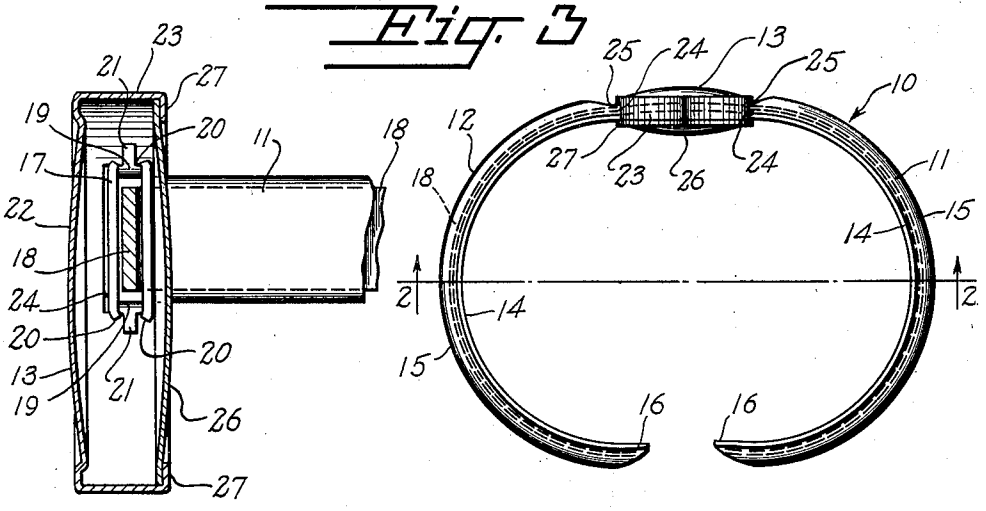
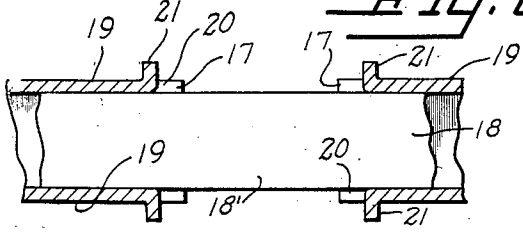


Fig. 4

Fig. 5

Fig. 6



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EXPANSIBLE BRACELET

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2 Claims. (Cl. 63—6)

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This invention relates to an expansible bracelet and it consists in the constructions, arrangements and combinations herein described and claimed.

It is an object of the invention to provide a bracelet wherein a pair of rigid wrist encircling band members are resiliently connected with an ornamental object, the bands and the object being interconnected and supported upon a substantially C-shaped leaf spring, concealed within the bands and ornamental object.

More specifically it is an important object of the invention to provide a new and novel means of connecting a pair of hollow wrist encircling bands with an ornamental object, the bands being connected at opposed sides of the ornament, a C-shaped leaf spring being enclosed within said bands and extending from said bands and across the ornamental object, thereby confining the expansive action of the bracelet at the bight portion of the spring and at points of attachment of the bands with the ornament.

Additional objects, advantages and features of invention will be apparent from the following description and accompanying drawing, wherein

Figure 1 is a top plan view of a bracelet constructed in accordance with the present invention;

Figure 2 is a cross section on the line 2—2 of Figure 4;

Figure 3 is a top plan view of a partial assembly of a bracelet;

Figure 4 is an elevational view of the bracelet;

Figure 5 is an enlarged cross sectional view on the line 5—5 of Figure 2; and

Figure 6 is a fragmentary sectional view illustrating the relation of the C-spring, the band members and anchorage lugs for the ornament.

There is illustrated a bracelet 10 comprising a pair of wrist embracing arms 11 and 12 resiliently connected to an ornament 13, as will presently be described.

The arms 11 and 12 are identical in construction and consist of a semi-circular tubular metallic band of precious or semi-precious metal, the inner face 14 of which is somewhat flattened, while the outer face 15 is substantially convex, as seen in cross section (see Figure 2). One end of the bands are closed as at 16, while the opposite end 17 is open for admission of a C-shaped spring 18. The leaf spring 18 is of flat formation as seen in cross section, and of such dimensions as to be slidably received within the arms 11 and 12, the respective ends of the spring being inserted into the open ends 17 of the arms as seen in Figures 3 and 6. The side walls 19 of the arms are slit at spaced points as at 20, the metal between the slits being bent outwardly at right angles to provide lugs 21, which function for retention of the arms within the ornament as will now be described.

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As best seen in Figure 5, the ornament is of hollow formation consisting of a main body shell 22 which may have any desired shape and includes a circumscribing wall 23 which is formed with a pair of slots 24 at diametrically opposite sides thereof and within each of these slots respective ends 17 of the arms are disposed, the lugs 21 lying flush against the inner face of the wall 23, and projecting beyond the boundary of the slots 24. The ends 17 of the arms 11 and 12 are flattened as at 25 so as to snugly engage the slots, after which a backing plate 26 is positioned within the shell 22 and the peripheral edge of the wall 23 is peened or otherwise upset as at 27 to secure the backing plate snugly in position.

Inasmuch as the ends 17 of the arms are secured to opposed walls of the ornament 13, a substantial bight portion 18' of the spring is unattached permitting a flexing of said portion without presenting undue strain at the point of connection between the arms and the wall of the ornament.

While I have shown and described a preferred embodiment of the invention, this is by way of illustration only and I consider as my own all such modifications in construction as fairly fall within the scope of the appended claims.

I claim:

1. A flexible bracelet comprising an ornamental housing having a wall, said wall having slots formed in opposite portions thereof, a tubular arm seated in each slot, each arm having a right angular lug lying flush against respective sides of the slots, said arms being of semi-circular shape and terminating beneath said ornamental housing, and a C-shaped leaf spring within said arms and extending unattached between the walls of the ornament.

2. A flexible bracelet comprising an ornamental housing having a circumscribing wall, slots formed in opposite portions of the wall, a tubular arm having an open flattened end seated within respective slots, opposite sides of said arms at said ends being slit longitudinally to provide right angularly extended lugs of a length extending beyond said slots, the opposite end of said arms terminating beneath said ornamental housing and a C-shaped leaf spring within said arms and extending unattached between opposed walls of the ornamental housing.

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REFERENCES CITED

The following references are of record in the file of this patent:

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