

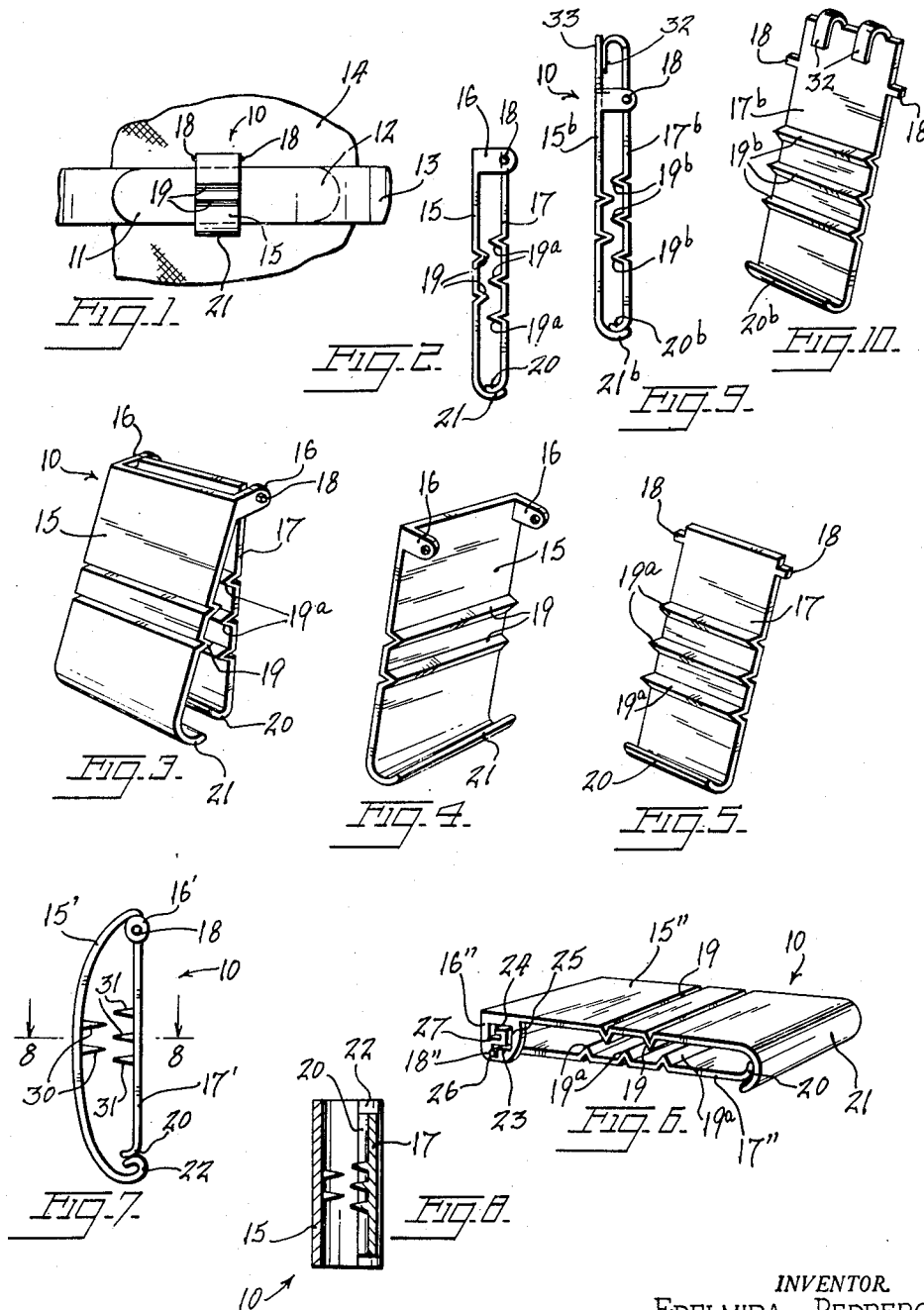
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E. PEDRERO

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PIVOTED CLAMP

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INVENTOR.
EDELMIRA PEDRERO
BY 
ATTORNEY

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PIVOTED CLAMP

Edelmira Pedrero, New York, N. Y.

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1 Claim. (Cl. 24—248)

This invention relates to garment fasteners and, more particularly, to new and useful improvements in a clasp or fastener for a lady's belt and the like.

A principal object of the present invention is to provide a clasp or fastener of this character which is adapted to clamp the belt and the like securely in position.

Another object of the invention is to provide a clasp which is characterized by fewness of parts which are not likely to get out of order.

A further object of the invention is to provide a clasp which is adjustable to fit various size belts and the like.

It is further proposed to provide a clasp or fastener for a lady's belt which is simple in construction and which can be manufactured and sold at a reasonable cost.

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 claim 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 front elevational view of a clasp embodying one form of the invention applied to a lady's belt.

Fig. 2 is a side elevational view of the improved clasp in closed position.

Fig. 3 is a perspective view of the clasp in open position.

Fig. 4 is an inner perspective view of the base plate of the clasp.

Fig. 5 is a similar view of the clamping plate.

Fig. 6 is a perspective view of a modified form of clasp.

Fig. 7 is a side elevational view of another modified form of clasp.

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

Fig. 9 is a similar view to Fig. 2 showing a further modified form of the invention.

Fig. 10 is a perspective view of the clamping plate of Fig. 9.

Referring in detail to the drawings and with particular reference to Figs. 1 to 5, inclusive the improved clasp 10 is shown securing the ends 11 and 12 of a belt 13 positioned around the waist of a lady's dress 14.

The clasp consists of a flat base plate 15 of thin sheet metal shaped at one end with perforated ears 16, which serve as bearing members. A clamping plate or bar 17 of similar material has hinged pins 18 extending laterally from one end thereof for engaging in the perforations of the ears 16 whereby the plate 17 is hingedly connected to the base plate. The plates 15 and 17 are corrugated for substantially their length to provide alternating sharp projections 19 and 19^a, respectively. The other end of the clamping plate is curled as indicated at 20. A curved keeper portion 21 is integral with the other end of the base plate 15 with its free end positioned in the path of movement of the curled end 20

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of the clamping plate whereby the clamping plate is releasably held in closed position.

In use, the clasp 10 is applied to the parts of the article to be fastened, as those of the ends 11 and 12 of the belt 13, as shown in Fig. 1, in a manner to embrace them between the base plate 15 and the clamping plate 17, whereupon the clamping plate 17 is fastened by pressing its curled end 20 into frictional engagement with the keeper member 21 on the base plate 15. By the act of thus fastening the clamping plate, the projections 19 thereon bite into the material of the belt ends thus securely clamping the ends together. The plates are readily disengaged by the finger of the user.

Fig. 6 illustrates another modification of the invention wherein each of the ears 16^{''} of the base plate 15^{''} is formed with a circuitous slot having lower and upper horizontal sections 23 and 24, respectively, connected by a vertical section 25 at one of their ends. The other end of the horizontal section 23 dips downwardly and terminates in a notch 26. The other end of the upper horizontal section 24 also dips downwardly and terminates in a notch 27. The notches are offset slightly from their entrance passages. By reason of this construction, the hinge pins 18^{''} of the clamping plate 17^{''} may be inserted in either of the notches 26 or 27 so as to adjust the space between the base plate 15^{''} and the clamping plate 17^{''} so as to fit various size belts and the like. The offsetting of the notches serves to hold the hinge pins against displacement therein.

In all other respects, the form of clasp shown in Fig. 6 is similar to the form shown in Fig. 2 and similar reference numerals are used to indicate similar parts.

In the modified form of the invention illustrated in Figs. 7 and 8, the base plate 15['] of the clasp is slightly arched and is curved at one end and shaped to provide perforated ears 16[']. The other end of the base plate is also curved to provide a hooked keeper member 22. In this form, the convex face of the curved end 20 of the clamping bar 17['] is adapted to be swung into clamping engagement with the concaved face of the hooked portion 22 of the base plate and the longitudinal pressure of the resilient clamping bar will maintain the parts in closed position.

The members 15['] and 17['] are provided with a plurality of alternating sharp gripping points 30 and 31, respectively, for gripping the ends 11 and 12 of the belt 13.

Figs. 9 and 10 show a further modified form of the invention wherein the clamping plate or bar 17^b at one end is formed with spring fingers 32 curved under and engaging opposed extensions 33 on the adjacent end of the base plate 15^b whereby the clasp is normally held in closed position by the action of the spring fingers. In order to open the clasp, the extensions 33 and spring fingers 32 are squeezed together.

In other respects this form of the invention is similar to the previous form and similar reference numerals with the exponent *b* used to indicate similar parts.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claim.

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

A clasp comprising a base plate having an integral curved keeper portion at one end thereof, opposed parallel ears at the other end, said ears each having a continuous slot with upper and lower parallel horizontal sections and a connecting section at one end thereof, a

clamping bar having hinge pins at one end thereof slidably and hingedly mounted in said connected slots for pivoting the bar at selected distances from the base plate, the other end of said bar being curved and adapted to frictionally engage the curved keeper on the base plate 5 to hold the clamping bar releasably in closed position, said horizontal slots sections having notches offset from each other for receiving the pins and holding the clamping bar in adjusted position, and spaced corrugations on the opposed surfaces of the base plate and clamping bar, 10 extending the widths of said surfaces, said corrugations being disposed in staggered relation, for securing the overlapped ends of a belt.

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