Jan. 9, 1940. J. B. FREYSINGER 2,186,410

CLASP

Filed May 12, 1938

Fig. 1

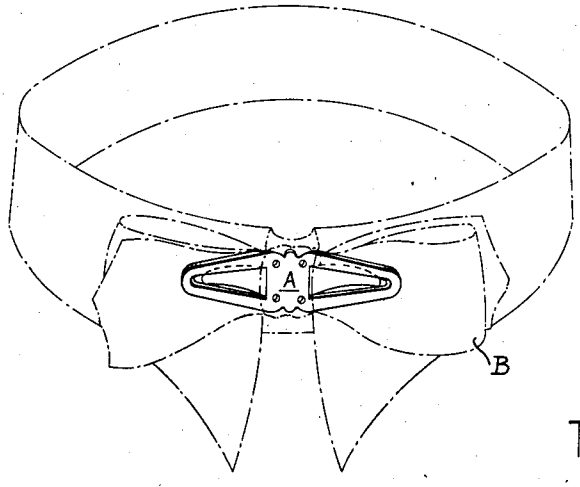


Fig. 2

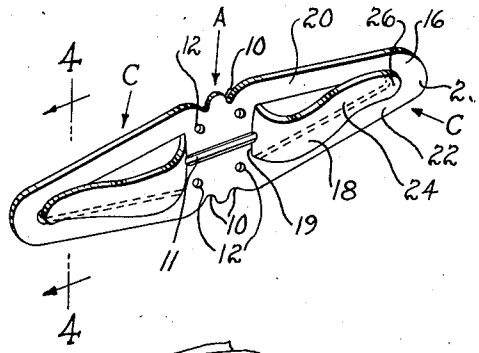


Fig. 3

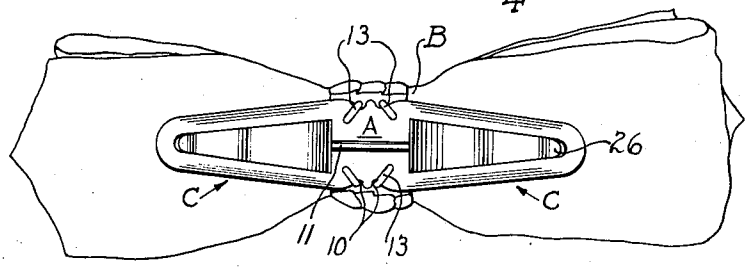


Fig. 5

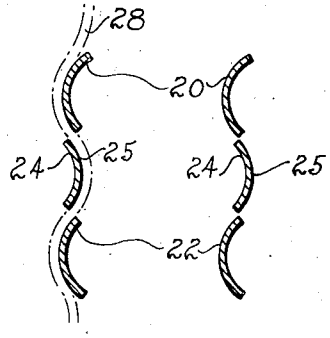


Fig. 4

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CLASP

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Application May 12, 1938, Serial No. 207,458

4 Claims. (Cl. 24—49)

The present invention relates to a clasp, and more particularly to a clasp adapted for use with a preformed tie.

An object of the present invention is a clasp to which a pre-formed tie may be secured and the tie and clasp removably secured to the wings of a collar; the clasp being so constructed that it will not tear or mutilate the collar material.

A further object is a clasp wherein the collar gripping members thereof are provided with substantially similar, but reverse, curvatures to form a substantially sinuous curve from the top to the bottom edge thereof with adjacent gripping fingers having substantially the form of an S curve.

A further object is a clasp which may be stamped from metal and is both simple and economical to manufacture and rugged in construction.

Other objects will be in part obvious and in part pointed out more in detail hereinafter.

The invention accordingly consists in the features of construction, combination of element, and arrangement of parts which will be exemplified in the construction hereafter set forth and the scope of the application of which will be indicated in the appended claims.

In the accompanying drawing:

Figure 1 is a front view of the clasp relatively positioned with respect to the collar and tie indicated by dotted lines;

Fig. 2 is a rear perspective view of the clasp;

Fig. 3 is a rear view of the clasp having a tie secured thereon;

Fig. 4 is an enlarged sectional view on the line 4—4 of Fig. 2; and

Fig. 5 is a view similar to Fig. 4 showing the position of the gripping fingers when the wing of the collar is inserted therebetween.

Referring to the drawing, the clasp comprises a center member A, adapted to have a tie B secured thereon, and collar gripping wings C projecting laterally from the side edges of the center member A.

The clasp, for convenience in manufacture, is stamped from a single piece of metal, and the center member A is provided with symmetrically spaced notches 10 at its top and bottom edges and openings 12 through which a thread 13 may be passed to secure the tie B to the member A. When so secured, the thread will be held within notches 10 and sidewise slipping of the tie relative to the clasp is prevented.

The collar gripping wings C are symmetrically positioned to either side of center member A, and each wing has a center portion struck therefrom to provide cooperating front and rear collar gripping members 16 and 18. The front gripping member 16 is generally in the form of a V with its legs secured to the center member A adjacent the top and bottom edges to provide upper and lower gripping fingers 20 and 22 rigidly joined together at 23 by the base of the V.

The rear gripping member 18 has its inner end connected at 19, to center member A, and is then bent rearwardly therefrom and again forwardly to provide a gripping finger 24 lying intermediate of the upper and lower gripping fingers 20 and 22, with the front face 25 thereof lying slightly forward of the edges of the upper and lower fingers (see Fig. 4). The outer or free end 26 of finger 24 may be turned rearwardly to permit the ready insertion of the collar wing between the gripping fingers. In order to further reinforce the clasp, there may be provided a reinforcing rib 11 extending transversely of the center member A on the rear face thereof intermediate of the gripping members 18.

In order to prevent the clasp from mutilating or tearing the collar, the top and bottom gripping fingers 20 and 22 are given a concavo-convex curvature relative to the front plane of the clasp, whereas the intermediate gripping finger 24 is given a like but reverse curvature. In this way, the clasp is provided with a substantially sinuous curve from the top edge to the bottom edge, as indicated in Fig. 4. Because of this curvature, the upper and lower fingers each form with the intermediate finger a substantially S curve, and, as clearly shown in Fig. 5, when the clasp is secured onto the collar the wing material 28 of the collar is given a like curvature, thus eliminating sharp bends in the material and permitting repeated use of the clasp without tearing or mutilating the collar.

As many changes could be made in the above construction and many apparently widely different embodiments of this invention could be made without departing from the scope thereof, it is intended that all matter contained in the above description or shown in the accompanying drawing shall be interpreted as illustrative and not in a limiting sense.

It is also to be understood that the language used in the following claims is intended to cover all of the generic and specific features of the invention herein described and all statements of the scope of the invention which, as a matter of language, might be said to fall therebetween.

I claim as my invention:

1. A clasp comprising a center member adapt-

ed to have a tie secured thereon, and a plurality of collar gripping fingers projecting from each side edge of the center member, the cross section of said gripping fingers presenting a substantially sinuous curve from the top to the bottom edge of the clasp.

2. A clasp comprising a center member adapted to have a tie secured thereon, and collar gripping members projecting laterally from each side thereof and comprising upper and lower concavo-convex curved gripping fingers, and a gripping finger spaced intermediate of said upper and lower fingers and having a reverse concavo-convex curvature.

3. A clasp comprising a center member adapted to have a tie secured thereon, and a plurality of collar gripping fingers projecting aterally from the side edges of the center member, one of said members being hingedly connected to the center member, and alternate fingers having a reverse concavo-convex curvature along the line of gripping engagement.

4. A clasp comprising a center member adapted to have a tie secured thereon, collar-engaging means projecting laterally from the side edges thereof and comprising substantially V-shaped gripping members having the legs thereof secured to the center member, and gripping fingers having their inner ends connected to the center member intermediate of the legs of the V members and projecting laterally between the legs thereof, the legs of the V member and gripping finger having reversed concavo-convex curvatures.

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