June 2, 1953 J. M. PARI 2,640,247

GARMENT CLASP

Original Filed April 15, 1946

FIG. 1

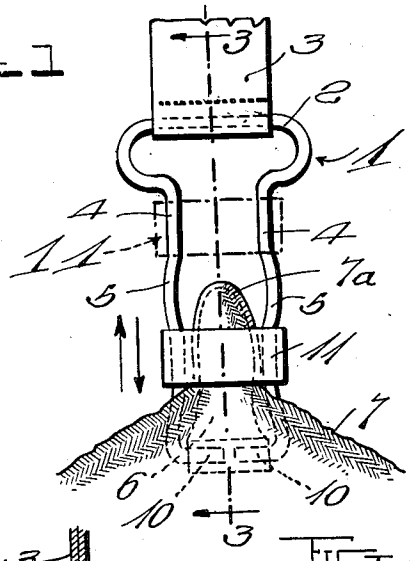


FIG. 2

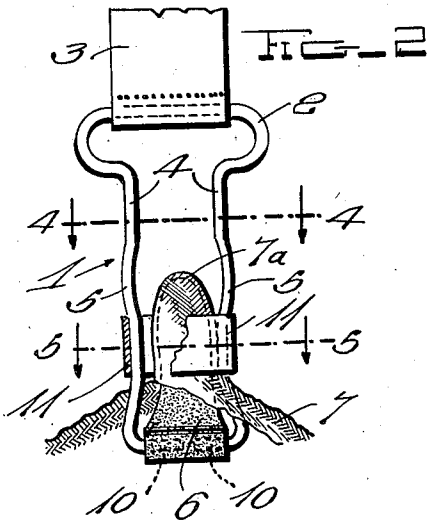


FIG. 3

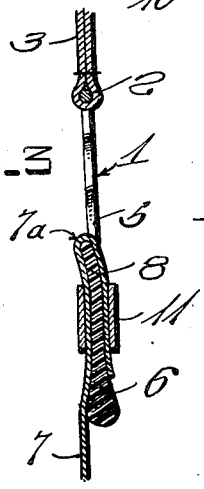


FIG. 4

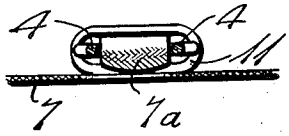


FIG. 5

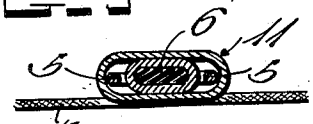


FIG. 6

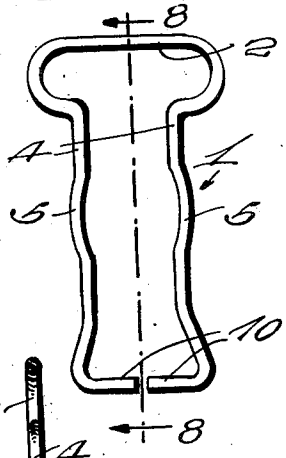


FIG. 7

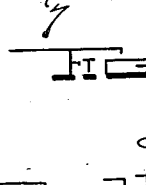


FIG. 8

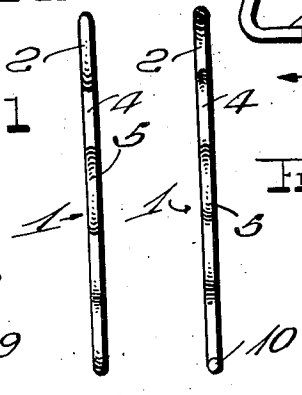


FIG. 9

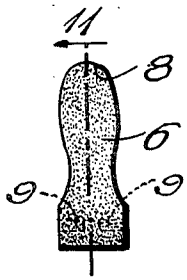


FIG. 11

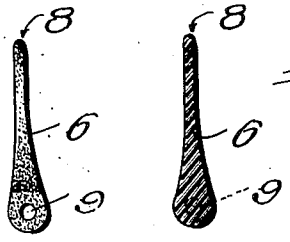


FIG. 10



FIG. 12



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Patented June 2, 1953 2,640,247

UNITED STATES PATENT OFFICE

2,640,247

GARMENT CLASP

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Original application April 15, 1946, Serial No. 662,353. Divided and this application June 7, 1951, Serial No. 230,337

6 Claims. (Cl. 24—251)

1

My invention relates broadly to garment clasps or garment supports and more particularly to a simplified construction of clasp for fabrics.

This application is a division of my application Serial Number 662,353 filed April 15, 1946 for Garment Clasp now Patent 2,579,694 granted December 25, 1951.

One of the objects of my invention is to provide a simplified construction of fabric clasp for use with garment supporters which may be inexpensively manufactured on a mass production scale and so constructed as not to harm the sheerest of textiles.

Another object of my invention is to provide a construction of garment clasp including a looped slide operative to frictionally secure the material of a garment over a tongue core in a manner which will not subject the sheerest of textiles to injury.

Another object of my invention is to provide a simplified construction of loop clasp for garment supporters, slidable over a frame structure operative engage the peripheral edge of textile material.

Still another object of my invention is to provide a support for fabric which includes a tongue of pliable material over which the fabric may be stretched, the pliable character of the tongue being such that it will yield and thereby prevent tearing of any single thread or otherwise impairing the finest of fabrics.

A further object of my invention is to provide a garment clasp constituted by parts that are readily replaceable for facilitating repair of the clasp by the user.

Other and further objects of my invention reside in an improved construction of stocking or sock support formed from a minimum number of coacting parts as set forth more fully in the specification hereinafter following by reference to the accompanying drawings, in which:

Figure 1 is a front elevational view of one form of garment clasp embodying my invention; Fig. 2 is a rear view of the garment clasp illustrated in Fig. 1; Fig. 3 is a vertical sectional view through the garment clasp taken on line 3—3 of Fig. 1; Fig. 4 is a transverse sectional view taken on line 4—4 of Fig. 2; Fig. 5 is a transverse sectional view taken on line 5—5 of Fig. 2; Fig. 6 is a front elevational view of the frame of the garment clasp; Fig. 7 is a side elevational view of the frame illustrated in Fig. 6; Fig. 8 is a vertical sectional view taken on line 8—8 of Fig. 6; Fig. 9 is an elevational view of the central core or handle member of pliable material which is pivotally carried by the frame of the garment clasp; Fig. 10 is a side elevational view of the central core or handle member illustrated in Fig. 9; Fig. 11 is a vertical sectional view taken through the core or handle member of Fig. 9 on line 11—11 thereof; and Fig. 12 is a top plan view of the loop or slide which coacts with the frame of Figs. 6–8.

2

My invention is directed to a construction of garment clasp which may be fabricated inexpensively from molded or metallic components coacting to support fabric material with respect to a garment without injury to the sheerest of textiles. The principles of my invention may be embodied in various forms. The drawings set forth one embodiment of my invention in which a loop formed from plastic material coacts with a frame structure and a pliable hingedly mounted core member for securing the edge of a fabric with respect to the garment clasp. The pliable core member is constituted by a tongue of resilient material pivoted in the frame structure where the tongue supports the fabric and will yield and prevent tearing of any single thread where many threads are stretched over the tip of the pliable tongue.

Referring to the drawings in detail, reference character 1 designates a resilient wire-like frame for the garment clasp having a loop 2 on the upper end thereof for connection to a garment supporter 3. The resilient wire-like frame which has a pair of resilient side portions which extend substantially parallel throughout a substantial portion of their lengths as represented at 4 but which have outwardly bowed or enlarged resilient frame portions 5 centrally of the length thereof. The substantially parallel extending linear portions of the frame 1 are continuous with the outwardly curved portions 5 and are of a sufficient length to permit the loop or band 11 to be retained in either of two limiting positions on the linear portions of the frame on either end of the outwardly curved portions of the frame with the outwardly curved portions serving as stops to normally prevent the loop or band 11 from shifting from one end of the frame 1 to the other end thereof except by manually grasping the loop or band 11 and forcefully moving it one way or the other past the resilient outwardly curved portions 5. That is to say, the outwardly curved portions 5 are yieldably biased to engage the edges of the band or loop 11 to retain the band or loop 11 in the position to which it is shifted manually so that the band or loop 11 is either maintained out of operative

position as shown in dotted lines in Fig. 1 at 12 or is retained in yieldably latched position as shown in full lines at 11 in Fig. 1 for securing the fabric at 7a over the tip of the tongue 6. The lower ends of the wire-like frame 1 are bent inwardly as represented at 10 to provide pivoted means for the tongue or central holder or core 6. The tongue, central holder or core 6 is formed from pliable material constituting a tongue over which a peripheral portion of the fabric 7 of the garment, stocking or sock to be supported may be stretched as represented at 7a. An envelope is formed from the fabric as represented at 7a stretched over the tip 8 of the pliable holder 6. The tip 8 is free to yield slightly to allow some elasticity and stretching of the cloth of the garment when in supported position.

The holder 6 is provided with recesses on diametrically opposite sides at 9 to receive the inwardly directed ends 10 of the wire-like frame 1 allowing the holder to be pivoted about the lower end of frame 1 and swung into a position between the sides 4 of the wire-like frame 1. The recesses 9 terminate in a central solid body portion within the holder 6 which serves as an abutment to limit or restrict the inner movement of the sides of the frame when clamped by loop 11.

Slidable loop or band 11 surrounds the sides 4 of the frame 1 and is slidable substantially the full length of the frame 1 from a dotted line position 12 to the full line position 11 in holding garment 7 over the holder 6. The full line position 11 and the dotted line position 12 represent opposite limiting positions to which the loop or band 11 is moved on either end of the outwardly curved portions 5 of the resilient frame 1. The outwardly bowed portions 5 of the side members 4 of the wire-like frame 1 tend to maintain the slidable loop 11 in position adjacent the holder 6 and prevent dislodgement of the loop or band from the engaged position illustrated in Fig. 2. The slidable loop or band 11 may be formed from plastic or metallic material. When the fabric 7 is slipped over the tip of the holder 6 and the loop 11 secured in position, as represented in Fig. 3, and pulling strain upon the fabric is imposed by the wearer, the pliable tip 8 of the holder 6 may yield slightly for preventing tearing or straining of the textile of the fabric 7. Automatic release of the fabric 7 may be effected by pushing the slidable loop or band 11 upwardly to substantially the position 4—4, whereupon the fabric 7 slips off the tip 8 for release of the garment or sock secured thereby.

The garment clasp of my invention is particularly suited for hose, stocking or sock supporters. The parts of the garment clasp of my invention are extremely simple for fabrication and inexpensive assembly of the components and can be made on a mass production scale. The construction and assembly of the parts are sanitary and can be manufactured at sufficiently low cost to warrant frequent replacement. Each part of the clasp is readily replaceable and can be manually assembled and put on the garment. In assembling the garment clasp the wire-like frame 1 is put on the elastic support, loop 11 pushed over and tongue 6 placed on lower ends of frame 10. This way any part can be replaced without much trouble and cost, repairs are more simple.

I realize that modifications may be made in the construction of the supporter embodying the principles of my invention herein set forth and while I have described my invention in certain preferred embodiments I desire that it be understood that no limitations upon my invention are intended other than may be imposed by the scope of the appended claims.

What I claim as new and desire to secure by Letters Patent of the United States is as follows:

1. A garment clasp comprising a garment supported depending member, a tongue member formed from a body of pliable material said tapering from a relatively thick base portion to a relatively thin tip portion, said relatively thick base portion having recesses in the opposite edges thereof, said depending member terminating in inwardly directed ends which enter the recesses in said base portion and provide a pivot for said tongue for movement with said depending member, and a slidable band engaging the sides of said depending member and movable thereon to a position embracing said depending member and said pliable tongue member for holding the edge portion of a fabric between said pliable tongue member and the internal surface of said slidable band embracing said depending member and pliable tongue member.

2. A garment clasp comprising a relatively flat garment supporting member, a tongue of relatively pliable material bodily displaceable and pivotally carried by said member and swingable to a position substantially coplanar with the plane of said member, said member including a pair of resilient linearly extending side portions each having a centrally disposed outwardly bowed portion separating each of said linearly extending portions into two sections and a loop of plastic material adjustable from one limiting position on one section of said linearly extending side portions to a limiting position on the other section of said linearly extending side portions of said member for holding the end portion of a fabric sheet between the bodily displaceable pliable material of said tongue and said member.

3. A garment clasp comprising a relatively flat garment supporting member, a tongue of relatively pliable material bodily displaceable and pivotally carried by said member and swingable to a position substantially coplanar with the plane of said member, said member including a pair of spaced resilient wire side portions formed in two coaxial sections at each side of said member with an outwardly bowed resilient central portion disposed between said coaxial sections and a band of resilient material embracing the spaced resilient wire side portions of said member and shiftable over said outwardly bowed central portions of said member from a position on adjacent sections of said side members remote from said tongue to a position on adjacent sections of the sides of said member surrounding said tongue for holding the end portion of a fabric sheet of material between the bodily displaceable material of said tongue and said member.

4. A garment clasp comprising a garment supported depending wire-like frame member formed by substantially parallel extending resilient side portions each having outwardly bowed central resilient sections therein with said parallel extending resilient side portions projecting linearly on opposite ends of said bowed resilient central sections, a tongue of pliable material pivoted on the end of said frame member and movable to a position between said side portions of said frame and a transverse band encircling said frame member and slidable longitudinally of the side portions of said frame and over the outwardly bowed central resilient sections thereof from a position on adjacent parallel extending

resilient side portions for holding the end portion of a fabric sheet of material to be supported over the end of said pivoted tongue.

5. A garment clasp comprising a garment supported depending wire-like frame member formed by substantially parallel extending resilient side portions with outwardly bowed resilient central sections therein with said parallel extending resilient side portions projecting linearly on opposite ends of said bowed resilient central sections, a tongue of pliable material pivoted on the end of said frame member and movable to a position between said side portions of said frame, and a slide in the form of a loop engageable with the parallel extending resilient side portions of said frame and slidable longitudinally thereof and over the outwardly bowed resilent central sections thereof for holding the end portions of a fabric sheet of material between said slide and said tongue.

6. A garment clasp comprising a garment supported depending member consisting of an elongated resilient wire frame formed by a resilient wire bent upon itself to provide a pair of substantially parallel spaced portions each consisting of a pair of transversely aligned linear resilient sections separated by an outwardly curved resilient section, said linear sections being of substantially equal lengths, the ends of the spaced portions of said wire being directed toward each other to form the closed end of said wire frame, a tongue member pivoted on said closed end of said wire frame and being free to swing from a depending position into a position substantially coplanar with said wire frame with the tip of said tongue member substantially aligned with the center of the outwardly curved sections of said wire frame

when said tongue is moved to a substantially coplanar position within said wire frame, a transversely extending movable band member engaging the substantially parallel spaced portions of said wire frame, said band member having a width coincident with the longitudinal axis of said wire frame which is less than the length of said resilient linear sections, said band member being movable from a position on said resilient linear sections remote from the closed end of said wire frame on which said tongue is pivoted past said resilient curved sections which yield inwardly to allow said band member to pass to a position on the linear sections of said wire frame immediately adjacent said closed end embracing said tongue and such fabric material as may be stretched over the tip of said tongue, said resilient curved sections being yieldably biased outwardly to engage the edge of the band to retain said band in either of the limiting positions to which the band is moved on said linear sections.

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