INTEGRATED CLASP FOR USE WITH NECKTIES

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This invention relates to a novel clasp device in combination with a textile. More particularly the invention relates to a piece of fabric secured to the back surface of an end portion of a tie to form an open loop, the loop serving its ordinary function and capable of serving as a label, and also being provided with a novelty positioned clip secured thereto by means of an adhesive backing.

An object of the present invention is to provide a combination label-and-clasp wherein the label performs the function of displaying the manufacturer's trademark and like information and simultaneously acts as a guide through which the narrow end of the tie may be passed in order that it may be retained in the same general position as that of the broad end when the tie is being worn.

Another object of this invention is to provide a means which acts both to insure conformity of the broad and narrow ends of the tie and also provides a means for limiting the movement of both the broad and narrow ends of the tie.

A further object is to provide a clasp which is integrated with the tie in such a manner as to readily engage the shirt front of the wearer, thereby further restricting the movement of the tie ends.

A still further object of this invention is to provide a method for the production of neckties provided with a loop-and-clasp arrangement whereby such articles may be manufactured with a minimum of complexity and maximum efficiency.

Another object is to provide a loop-and-clasp construction in such a combination that the tie ends though restricted in their movement will not be bunched or otherwise disarranged by these restrictive elements.

This application is a continuation-in-part of our co-pending application Serial Number 480,417 filed January 7, 1955, now abandoned.

Other objects and advantages of the invention will be apparent during the course of the following description.

Referring to the drawings:

FIG. 1 is a view illustrating the rear side of a four-inch hand necktie, with a clip and label secured thereto.

FIG. 2 is a fragmental rear-elevation view illustrating the positions of the wide and narrow ends of a tie with respect to each other when the tie has been tied.

FIG. 3 is a perspective view of the clip which is secured to the narrow end of the tie.

FIG. 4 is a longitudinal sectional view through the clip, and the label to which the clip is secured.

FIG. 5 is a sectional view through the clip and tie, illustrating the clip as clipped onto a shirt front.

FIG. 6 is a view of the end portions of a necktie from the rear, showing the cooperation of the label and clip and the said ends.

FIG. 7 shows a cross-section of line 7—7 of FIG. 6.

FIG. 8 shows the metallic blank for the clip prior to its formation.

FIG. 9 shows the completed clip.

FIG. 10 shows the clip inserted in the label in the process of being mounted thereon.

FIG. 11 shows a specific embodiment of the clip-and-loop-label combination.

FIG. 12 shows the initial attachment of the loop-label to the material.

FIG. 13 shows the loop-label-clip combination as attached to the material immediately following the sewing of the center seam.

FIG. 14 shows a section through 14—14 of FIG. 13.

FIG. 15 shows the cross-section of FIG. 14 with the tie sheath centered and with an indication of the final position of the material right side out of the finished tie.

Referring now to the drawings in detail, a conventional four-in-hand tie is indicated by the reference character 5, and as shown by FIG. 1 of the drawing the wide end 6 thereof is supplied with a cloth loop 7, secured to the rear surface of the wide end of the tie by lines of stitching arranged at the end of the loop-label 7.

The reference character 8 indicates a label which is secured to the rear surface of the narrow end of the tie adjacent to the extremity thereof. The label 8 is formed with a slot 9 through which the tongue 10 of the clip extends, the clip being constructed preferably of semi-rigid material and of a width to extend over substantially the entire width of the label 8. Thus it will be seen that due to this construction the body portion of the clip is covered by the cloth material of the label, presenting a smooth surface, contacting the shirt with which the tie and clip are being worn.

The clip is further secured to the label 8 by means of the adhesive strip 11 which overlaps portions of the body of the clip, portions of the adhesive strip passing through an elongated opening of the clip where it is secured to the reverse side of the label 8 to further secure the label and clip together.

In the use of the present invention the tie is tied to produce a conventional four-in-hand knot. The narrow end of the tie is now passed under the loop-label 7 and is moved to a position wherein the extremity thereof falls adjacent to the extremity of the wide end of the tie, as better shown by FIG. 2 of the drawing. The clip is now clipped onto the shirt to hold the ends of the tie in their proper position with respect to the shirt. Due to this construction it will be seen that the tie is held in its proper position, and because of the fact that the narrow end of the tie is held taut, the wide end of the tie may move vertically and longitudinally of the narrow end with the movements of the body of the person wearing the tie, thereby insuring a smooth, neat-appearing tie at all times, with assurance that the tie will be held down by the clip.

Referring now in detail to the improvements not disclosed in our prior application Serial No. 480,417, the present preferred embodiments of said improvements are shown in FIGS. 6 to 15 hereof.

FIG. 6 shows the two ends of a conventional four-in-hand necktie, the broad end 6 having attached thereto a label 8 which forms a loop, having mounted on it a spring metal clip 14 and having passed through it and restricted by it the narrow end 13 of the tie.

FIG. 7 shows a section through 8—8 of FIG. 6 as it would appear attached to a shirt front. The broad end of the tie 6 has attached to it label 8 by means of stitches 20. Passed through and retained by said label 8 co-operating with the broad end 6 of the tie is the narrow...
end 13 of the tie. Clip 14 is shown with its base 15 on the inner side of label 8, having its resilient tongue 10 passed through a slot 9 in said label 8 and attached thereto by means of backing 11 which is secured to the label 8 by means of adhesive 19. Attachment of the tongue 10 to the front of the shirt 23 is facilitated by the bent tip 17.

FIG. 8 shows the metal blank from which the clip 14 is formed. It consists of a base portion 15 (the center 16 of said base 15 having been cut out), and a resilient, inwardly urged tongue portion 10. The inner face of the tongue may be stamped out or otherwise fashioned in such a manner as to provide an uneven or roughened inner surface 18 for better gripping the shirt cloth.

FIG. 9 shows the clip as formed having the base portion 15, the cutout 16 in said base portion, which has opposed to it the inwardly urged tongue portion 10 having a beveled end portion forming the tip 17.

FIG. 10 shows the clip passed through the slot 9 of label 8, with its base 15 positioned against the back of label 8 partially covered by backing 11 which has, partially shown, an adhesive surface 19.

FIG. 11 shows a preferred embodiment of the loop-label-clip combination in which the portion of label 8 beneath the tongue 10 and extending somewhat beyond said tongue is woven as a twill or in other suitable manner to provide an uneven or roughened inner surface 18, with which to better grip a shirt front. The cloth covering provided by the label presents a soft surface with which to contact the shirt, thereby reducing wear between the shirt and the clip.

FIG. 12 shows the initial attachment of the loop-label and clip combination to the material 24 from which the tie is to be formed by stitching 20 and 20'. The tongue faces the right (outer surface) side of the material 24 as does the front of the label 8. The backing 11 with its adhesive surface is placed on the back surface of the label covering the base 15 of the clip.

FIG. 13 shows the composite of the loop-label-clip combination during the sewing of the center seam 22 in the process of forming the tie.

In accordance with the invention, by mounting the clip 14 in the material of label 8 in an off-center position, the loop-label-clip combination may be disposed in such a manner as to prevent interference with the manipulations involved in sewing the center seam 22. FIG. 14 which shows a section taken through 14—14 of FIG. 13 illustrates the position of the elements when the combination is positioned alongside said sewn portion. The seam 22 is sewn with the tie material 24 drawn to one side. Label 8 which is attached to the tie material 24 by stitching 20 allows for sufficient movement to put the clip 14 in its farthest position from the center seam 22 without causing undue strain on label 8 or stitching 20 and without causing any disruption of the seal of backing 11 to label 8 by adhesive 19 which secures clip 14 in place.

FIG. 15 shows the sheath formed by the tie material, after seaming, with the center seam 22 now centered. Label 8 is secured to the back of the completed tie, and clip 14 is secured to label 8 by means of the backing 11 which is attached to label 8 by thermoplastic adhesive 19. The broken line shows the position of the tie material when turned outside out, in relation to the loop-label-clip combination.

The preferred loop-label-clip combination may be secured at any point on the rear surface of the large end of the necktie, which will allow the passage of the small end of the tie through said loop-label and will permit the clipping of the entire combination to the wearer's shirt front without bunching, wrinkling or otherwise impairing the appearance of the tie.

The clip element may be of any suitable material such as plastic or metal.

The novel article is of such a nature that it can be manufactured by a method which is simpler and more efficient than that used heretofore for the production of ties of a similar type. The novel positioning of the clip in the loop-label remover overcomes the problem confronting the trade with respect to the center seaming of a tie having a label-and-clip combination, since said loop-label-clip must be moved out of the path of the needle without disturbing the evenness of the material or the straightness of the seam. The centered clip of the previous tie combinations allowed little or no flexibility for the accommodation of the foot of the sewing machine. Prior methods usually attached the clip-bearing label only after the tie had been formed by closing the center seam, which is a more difficult operation since the goods are then in the form of a sheath.

The offset clip has a further advantage in addition to that described above. The drape of the tie ends when clipped to a shirt front by a clip centered on the tie end usually is somewhat skewed. This tendency to skew has been found to be eliminated when the clip is placed in an offset position from center.

The step of attaching the formed clip by inserting the tongue through a slot on one side of the label and fastening the base to the back of the label by means of an adhesive-coated backing, represents a substantial advance over present practice of stitching such items into place. The time when the clip is fastened by means of an adhesive backing, in contrast to individual operation where sewing is involved, must be on a large scale. As such, the invention is capable of being produced with a high degree of uniformity. Furthermore, the invention is adapted for attachment to a variety of materials such as plastic or metal.

The incorporation of the features described above enable the maker to produce ties having the loop-clip combination integrated therewithout having to resort to any additional equipment. Conventional apparatus will adapt satisfactorily in carrying out the method of this invention.

What is claimed is:

1. A necktie having a wide end and a narrow end, a flexible label strip having free inturmed ends secured to one of the ends of the necktie, said label strip having a slot disposed transversely therethrough and of said strip, a clip comprising a body having a longitudinal elonated opening disposed between said inturmed ends of said label strip and major portion of said strip, a tongue extending from said body, said tongue passing through said slot of said label strip and overlying said label strip in clamping relation therewith, and an adhesive strip secured to said clip between said inturmed end of said label strip, a portion of said adhesive strip extending through said elonated opening of the clip in contact with said label strip securing said clip to said label strip.

2. A necktie having a wide end and a narrow end, a flexible strip having free inturmed end portions secured to one end of the necktie, a clip for clipping the necktie to a shirt comprising, a body having an opening formed therein, a strip of adhesive material fitted over said body with portions of said adhesive material extending through said opening and being secured to said flexible strip and portions of said adhesive strip beyond the marginal edge of said body and adhering to said flexible strip to secure said clip in position on said necktie.

3. A necktie as set forth in claim 2 in which the label is positioned adjacent the end of the broad end portion and serves as a loop for the narrow end portion of the necktie.

4. A necktie as set forth in claim 1 in which the metallic clip is secured to the reverse side of the label by an adhesive coated backing of relatively stiff material applied to the reverse surface of said label overlapping the edges of the clip.
5. A necktie as set forth in claim 4 wherein the clip is offset from the center of the label and necktie.

References Cited in the file of this patent

UNITED STATES PATENTS

<table>
<thead>
<tr>
<th>Patent Number</th>
<th>Inventor</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>981,890</td>
<td>Smith</td>
<td>Jan. 17, 1911</td>
</tr>
<tr>
<td>1,600,971</td>
<td>Bracken</td>
<td>Sept. 28, 1926</td>
</tr>
<tr>
<td>1,766,695</td>
<td>Sorkind</td>
<td>June 24, 1930</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Patent Number</th>
<th>Inventor</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,890,001</td>
<td>Otten</td>
<td>Dec. 6, 1932</td>
</tr>
<tr>
<td>2,009,762</td>
<td>Cole</td>
<td>July 30, 1935</td>
</tr>
<tr>
<td>2,040,386</td>
<td>Keiser</td>
<td>May 12, 1936</td>
</tr>
<tr>
<td>2,052,161</td>
<td>Berger</td>
<td>Aug. 25, 1936</td>
</tr>
<tr>
<td>2,671,900</td>
<td>Schreter</td>
<td>Mar. 16, 1954</td>
</tr>
</tbody>
</table>

FOREIGN PATENTS

<table>
<thead>
<tr>
<th>Patent Number</th>
<th>Country</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>412,010</td>
<td>Great Britain</td>
<td>June 21, 1934</td>
</tr>
<tr>
<td>526,793</td>
<td>Great Britain</td>
<td>Sept. 25, 1940</td>
</tr>
</tbody>
</table>