Nov. 16, 1948. A. F. TABORSKI 2,453,733

NECKTIE

Filed May 11, 1946 2 Sheets-Sheet 1

Fig. 1.

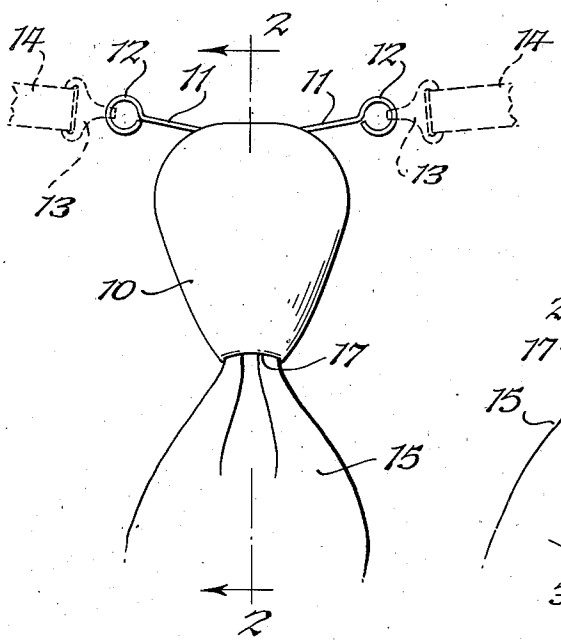


Fig. 2.

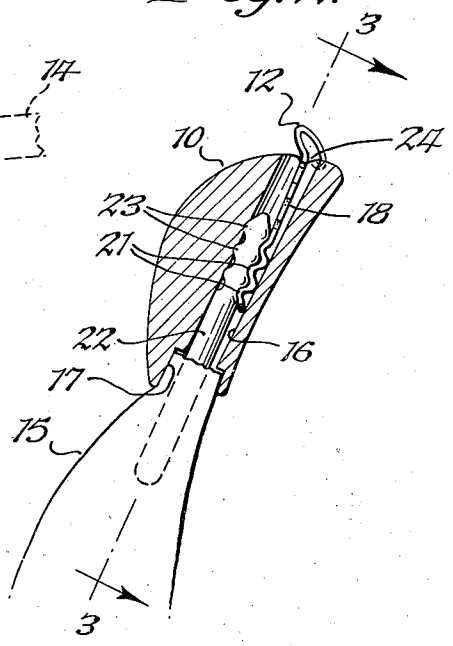
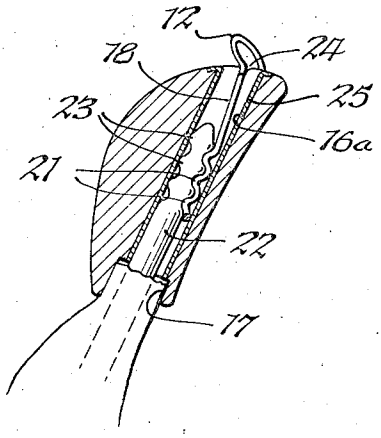


Fig. 5.



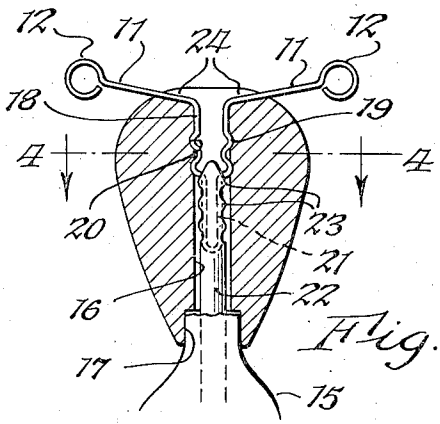


Fig. 3.

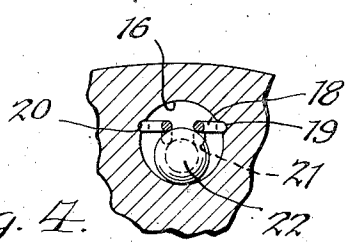


Fig. 4.

INVENTOR.
Alfred F. Taborski
BY
Parker, Prichard & Farmer,
Attorneys.

Nov. 16, 1948. A. F. TABORSKI 2,453,733

NECKTIE

Filed May 11, 1946 2 Sheets-Sheet 2

Fig. 6.

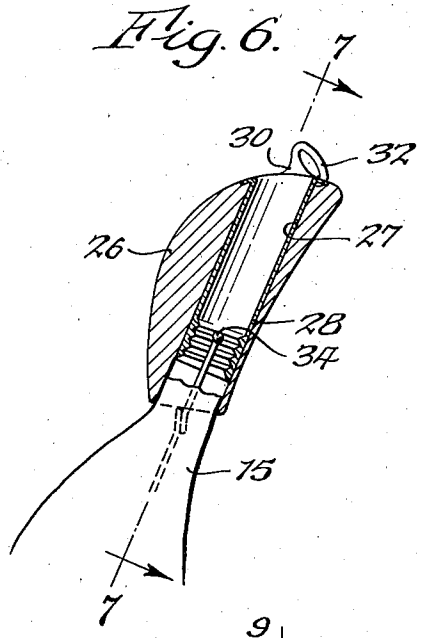
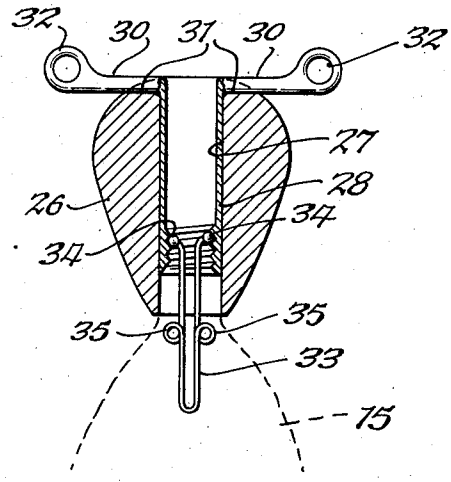


Fig. 7.



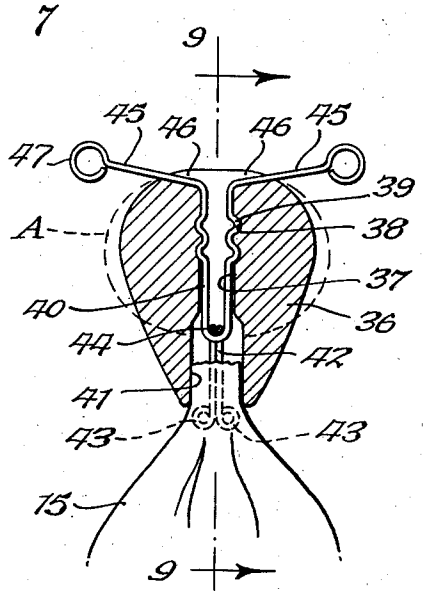


Fig. 8.

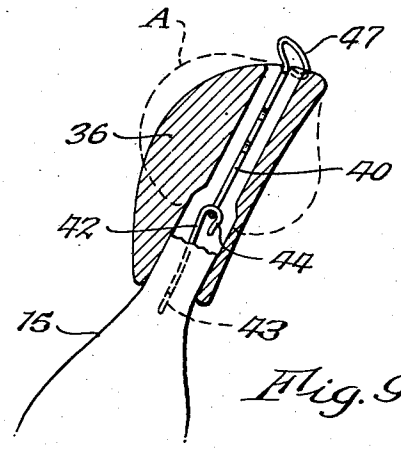


Fig. 9.

INVENTOR.
Alfred F. Taborski
BY
Parker, Prochnow & Farmer,
Attorneys.

Patented Nov. 16, 1948

2,453,733

UNITED STATES PATENT OFFICE

2,453,733

NECKTIE

Alfred F. Taborski, Buffalo, N. Y.

Application May 11, 1946, Serial No. 669,150

10 Claims. (Cl. 2—150)

1

This invention relates to neckties, and particularly to the preformed type in which the drape may be detachably coupled to the knot portion.

An object of the invention is to provide an improved, preformed necktie, and an improved construction for confining the drape detachably to the knot portion, and enabling interchange of differently appearing drapes.

Another object is to provide an improved necktie in which the knot portion and drape are separable so that different drapes having different appearances may be interchangeably coupled to the knot portion to produce different visual effects when the tie is worn; and with which a change of drapes may be easily and quickly made by the wearer and without removing the knot portion from the shirt or collar; which will have the shape and general appearance of the ordinary tie; and which will be simple and inexpensive in construction, and attractive in appearance.

Other objects and advantages will be apparent from the following description of several embodiments of the invention, and the novel features will be particularly pointed out hereinafter in connection with the appended claims.

In the accompanying drawings:

Fig. 1 is a front elevation of a tie constructed in accordance with this invention;

Fig. 2 is a transverse, sectional elevation of the same, the section being taken approximately along the line 2—2 of Fig. 1;

Fig. 3 is another sectional elevation of the same, the section being taken approximately along the line 3—3 of Fig. 2;

Fig. 4 is a sectional plan of the same, the section being taken approximately along the line 4—4 of Fig. 3;

Fig. 5 is a sectional elevation similar to Fig. 2, but with a reinforcing liner employed in the knot portion;

Fig. 6 is a sectional elevation similar to Fig. 2 but showing another embodiment of the invention;

Fig. 7 is a sectional elevation similar to Fig. 3 but showing the modification of Fig. 6, being taken on line 7—7 of Fig. 6;

Fig. 8 is a sectional elevation, similar to Fig. 3, but showing still another embodiment of the invention; and

Fig. 9 is a sectional elevation through the embodiment shown in Fig. 8, the section being taken approximately along the line 9—9 of Fig. 8.

In the embodiment shown in Figs. 1 to 4, the

2

tie is formed of a knot portion 10 having, at its top, laterally extending arms terminating in loops 12 to which may be connected the hook ends 13 of an elastic neck band 14. A drape 15 is detachably coupled to the lower end of the knot portion 10, so that different drapes having different visual appearances may be interchangeably coupled to the same knot portion to create different visual effects of the tie as worn. The knot portion 10 may be made of any suitable material, such as molded plastic or other molded material, or soft rubber, cork, wood, or other fairly light-weight material. The exterior face of portion 10 may be given any desired finish or decorative appearance, or it may be covered with any fabric or other covering material to give it a desired ornamental visual appearance.

The knot portion 10 is provided with an internal, preferably cylindrical passage 16, extending from top to bottom and open at both ends. The lower end of this passage is preferably enlarged at 17 to receive therein the gathered end of the drape 15. An element 18, of resilient but bent wire, and of generally U shape, is disposed with the base, and adjacent parts of the arms of the U, depending into passage 16 from the top thereof. The outer or free ends of the arms are bent laterally to form the arms 11 that abut the top of the knot portion and limit the extent that the element 18 moves into the passage 16, as well as provide a means by which the tie may be attached to a collar or shirt neck band. The arms of element 18 fit snugly the wall of the passage, and intermediate of their portions within the passage these arms have lateral undulations, corrugations or bends 19 (Fig. 3) that extend in the plane of the arms, namely to the sides of the U, to vary its width in a direction between the arms. Undulatory grooves 20 are provided along opposite sides of the passage wall into which undulations 19 snap resiliently as the element 18 is received in the passage 16.

The arms of the element 18 below the undulations 19 are also provided with undulations 21 that extend at right angles to the undulations 19. A member 22 in the nature of a rod is secured at one end to the gathered end of drape 15, with its other end extending beyond the end of the drape. This extending end is provided with transverse, peripherally extending undulations or ribs 23 that snap resiliently past the undulations 21 in element 18, the latter being sprung to one side by the end of member 22. Preferably the arms of element 18 are normally slightly to one side of the axis of passage 16, as shown in Fig. 4,

and the laterally extending arms 11 are received in notches or grooves 24 in the top end of the knot portion 10.

In the use of the tie shown in Figs. 1 to 4, the element 18 is disposed in passage 16, during which the undulations 19 in element 18 snap or spring successively into the recesses of grooves 20, so as to yieldingly lock the element within passage 16. The member 22 is secured to or within the gathered end of the drape 15, and then the extending end is inserted into the lower end of passage 16, with the gathered end of drape 15 within the enlarged recess 17 as shown in Fig. 2. The drape may be removed by merely pulling down on member 22, after first grasping the drape at the gathered end, and the end of member 22 therein. A new or substitute drape having a different appearance, and attached to another member 22 may be attached to the knot portion by pushing the ribbed end of that drape upwardly into passage 16.

In the embodiment of the invention shown in Fig. 5, the construction is similar to that shown in Figs. 1 to 4, except that the passage 16a corresponding to passage 16 is lined with a tube 25 of strong material, so that the body of the knot portion 10 may, if desired, be made of easily breakable material such as porcelain, glass, cork or various frangible materials. In this example the tube 25 may have successively arranged slots in opposite sides to receive the lateral undulations 19 in the same manner as they were received in grooves 20 in Figs. 1 to 4.

In the embodiment shown in Figs. 6 and 7, the knot portion 26 is provided with the endwise passage 27 which is open ended at both ends. A tube 28, with a threaded interior or peripherally ribbed internal wall, is disposed in passage 27 as shown, extending upwardly to the top of passage 27 and having extensions bent laterally to form arms 30 that are received in notches or grooves 31 in the top end of body 26. The ends of arms 30 terminate in loops 32 by which the tie may be attached to the neck of the wearer as explained for the loops 12 in Figs. 1 to 4.

A U-shaped, resilient wire member 33 has balls or lateral projections 34 at the free ends of the arms of the U that snap successively past the threads or ribs in tube 28 (see Fig. 7). The arms of member 33 are resilient and normally urge the balls or ends 34 apart so as to always engage between threads or ribs in tube 28. The lower parts of the arms and the base of the U of member 33 are secured within the gathered end of drape 15, and to aid in securing the drape to member 33, the arms of member 33 in the part within the drape are provided with loops or eyes 35 through which the drape thread may be passed. To use this tie, the drape may be removed by pulling downwardy on the gathered end and reapplied by first compressing the gathered end of the drape in a direction to spring the arms of member 33 together and then inserting such arms into tube 28 as shown in Fig. 7.

In the example shown in Figs. 8 and 9, the body of knot portion 36 has a passage 37 from top to bottom and open at both ends. Undulatory grooves 38 are provided in opposite sides of passage 37 to receive ribs or undulations 39 in the arms of a U-shaped, resilient wire element 40 generally resembling the element 18 of Figs. 1 to 4. Body 36 has an enlarged recess 41 in the lower end of passage 37 to receive the gathered end of drape 15. A hook-shaped wire or member 42 has loops 43 secured at one end within the

gathered end of drape 15, and threads may be passed through the drape and the loops to anchor the drape to member 42. An end of member 42 projects beyond the gathered end of the drape and terminates in a hook 44 that may be hooked through the base of the U of member 40, as shown in Fig. 9. This serves to detachably connect the drape to the knot portion with the gathered end of the drape disposed in the enlarged recess 41. The body 36 may be, and preferably is, made of elastic material such as soft, resilient rubber, so that it may be compressed endwise, such as into the position or shape shown by dash lines A in Figs. 8 and 9, and thus expose the base or cross part of the U of member 40 to make it easy to attach thereto the hook 44 or detach it. The free ends of the arms of member 40 are bent laterally at 45 and lie in grooves 46 in the top end of body 36. The ends of arms 45 terminate in loops 47 for attachment to a neck band 14 as shown in Fig. 1.

It will be understood that various changes in the details, materials and arrangements of parts, which have been herein described and illustrated in order to explain the nature of the invention, may be made by those skilled in the art within the principle and scope of the invention, as expressed in the appended claims.

I claim:

1. A necktie comprising a knot portion having a passage from top to bottom, an element disposed in said passage and having arms extending laterally in opposite directions therefrom at the top of said passage and formed for attachment to a neck band, a drape, and a member secured to one end of said drape, extending upwardly into and along said passage from the lower end of the passage, and over-running and detachably engaging with said element by relative crosswise displacement movement of the engaging parts of said member and element, to hold said drape to the knot portion and said element within said passage.

2. A necktie comprising a knot portion having a passage from top to bottom and a transverse undulation in a side wall of the passage intermediate of its ends, a U-shaped wire depending into said passage and having the free ends of the arms outside the passage, bent angularly and terminating in loops, one of said arms having within the passage, a laterally bent portion resiliently interengaging with the undulation on said side wall to hold the wire yieldingly against endwise movement out of said passage, a drape, and a member secured to one end of said drape, extending into the lower end of said passage and there detachably engaged with said wire to hold said drape to said knot portion.

3. A necktie comprising a knot portion having a passage from top to bottom, an element disposed in said passage and having arms extending laterally in opposite directions therefrom at the top of said passage and formed for attachment to a neck band, a drape gathered together at one end, and a member secured in said gathered end of the drape extending outwardly beyond the end of the drape into the lower end of said passage, and overrunning and detachably engaging with said element, by relative crosswise displacement movement of the engaging parts of said element and member to hold them both to the knot portion, the gathered end of said drape being disposed in the lower end of said passage when said member and element are coupled within said passage.

4. A necktie comprising a knot portion having

an open ended passage from top to bottom, an element of wire having generally U shape with the arms and base of the U depending into said passage from the top thereof, the free ends of the arms being bent laterally over upon the top of said knot portion and formed for attachment to the ends of a neck band, a drape having one end thereof gathered and entering the lower end of said passage, and a member attached to said gathered end and detachably coupled to said member within the lower end of said passage to hold both said member and element removably within said passage and the gathered end of the drape within said passage.

5. The necktie substantially as set forth in claim 4, and one of said arms having, in its portion within said passage, a laterally bent portion in the plane of the two arms, and said passage having an undulatory portion past which said laterally bent portion springs when said element is moved along said passage to insert it or remove it, whereby said element may remain in said passage while said member is detached therefrom for removal of said drape.

6. The necktie substantially as set forth in claim 4, and one of said arms having, within said passage, a laterally bent portion crosswise of the plane of the two arms, and said member having a part projecting from the drape and carrying an undulatory surface past which said laterally bent portion springs as the member and element are moved relatively endwise in said passage in coupling and uncoupling them.

7. A necktie comprising a knot portion having from top to bottom, an open ended passage, a generally U-shaped wire having the arms and base of the U depending snugly into said passage from the top thereof, the outer free ends of the arms extending laterally over upon the top of the knot portion to limit movement of said element along said passage, the arms in the lower portion of said U being laterally undulated in directions toward and from the plane of the arms of the U, a drape, and a member coupled to one end of said drape, movable into and along the lower end of said passage and having an undulatory surface riding along the undulatory portion of said element to provide a detachable, yieldable coupling between said element and member and detachably confines said drape to said knot portion.

8. A necktie comprising a knot portion having from top to bottom, an open ended passage, a generally U-shape wire having the arms and base of the U depending snugly into said passage from the top thereof, the outer free ends of the arms

extending laterally over upon the top of the knot portion to limit movement of said element along said passage, a drape, and a member coupled to one end of said drape, to extend beyond it and into and along the lower end of said passage, and having a hooked end detachably engaging with the cross part of the U to couple said member and element and confine said drape to said knot portion.

9. A necktie comprising a knot portion having a passage from top to bottom, an element disposed in said passage and having arms extending laterally in opposite directions therefrom at the top of said passage and formed for attachment to a neck band, a drape and a U-shaped wire having, adjacent the free ends of the arms thereof, laterally extending projections, and the base end of the U secured to one end of said drape, said end with projections extending beyond the end of the drape, and into and along the lower end of said passage and there having said projections detachably coupled to said element, so as to be detachably confined in said passage, and to hold said drape to said knot portion.

10. A necktie comprising a knot portion having a passage from top to bottom, an element disposed in and movable along said passage, and having arms extending laterally in opposite directions thereof at the top of the passage to limit movement of said element along said passage, a drape, and a member secured to one end of said drape, extending upwardly into and along said passage from the lower end of the passage, the inner ends of said member and of said element slidingly overrunning each other along the passage, one of said inner ends having generally crosswise valleys successively arranged along said passage, and the other of said inner ends having a lateral projection moving from valley to valley as said element and member move in overrunning relation, one of said ends being laterally movable to enable relative lateral movement of said inner ends as they move endwise.

ALFRED F. TABORSKI.

REFERENCES CITED

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

UNITED STATES PATENTS

Number	Name	Date
769,506	Stark	Sept. 6, 1904
772,801	Groll	Oct. 18, 1904
2,391,655	Taborski	Dec. 25, 1945