

March 5, 1929.

J. G. BELUNES

1,704,422

NECKTIE FASTENING DEVICE

Filed March 3, 1928

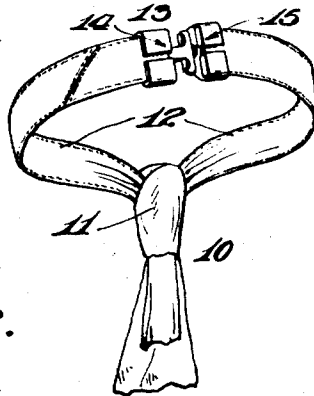


Fig. 1.

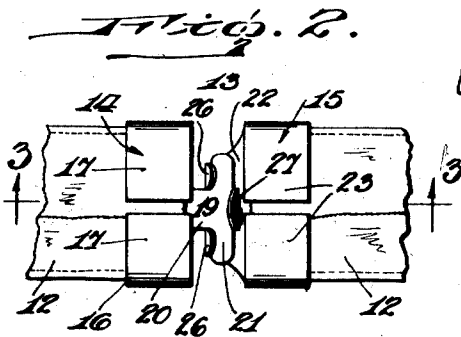


Fig. 2.

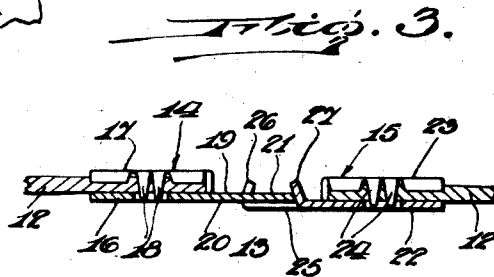


Fig. 3.

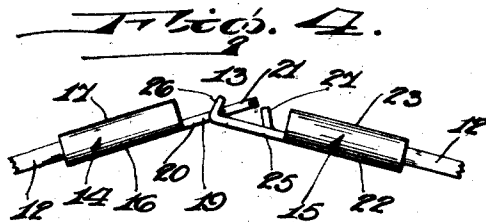


Fig. 4.

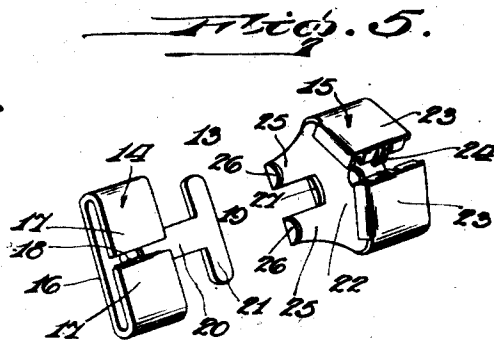


Fig. 5.

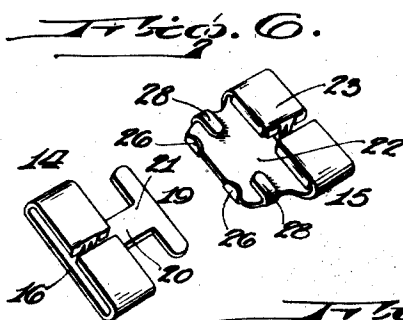


Fig. 6.

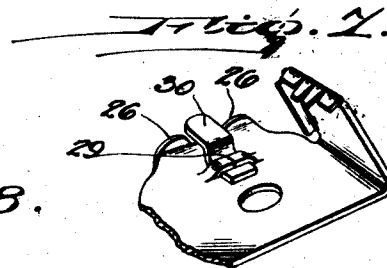


Fig. 7.

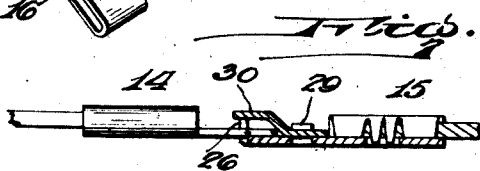


Fig. 8.

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NECKTIE-FASTENING DEVICE.

Application filed March 3, 1928. Serial No. 258,928.

This invention relates to improvements in neck-tie fastening devices.

The primary object of the invention resides in a fastener for use in detachably connecting the meeting ends of the neck encircling portion of a neck-tie of the style having a slit neck portion by which the tie may be removed from a collar without disturbing the knot after the same has once been formed and by which the tie may be applied to the collar while in a like condition.

Another object of the invention is to provide a fastening device which includes a pair of co-acting fastening elements adapted to be respectively attached to the free ends of the neck portion of a neck-tie and by the use of which the ends of the neck portion may be fixedly connected or disconnected by a simple manipulation on the part of a user, as it will be appreciated that the fastener is disposed between the folds of the collar at the back thereof, which tends to make it difficult for a user in effecting a connection and disconnection.

A further object is the provision of a fastening device which is relatively flat, as not to interfere with the sliding of a tie when in position upon a collar, and which does not cause a bulging of the collar which would prove unsightly in appearance and uncomfortable to the wearer.

A still further object is to provide a neck-tie fastener which is simple in construction, inexpensive of manufacture, easy of operation, and positive in its action.

With these and other objects in view, the invention resides in certain novel construction and combination and arrangement of parts, the essential features of which are hereinafter fully described, are particularly pointed out in the appended claims, and are illustrated in the accompanying drawing, in which:—

Figure 1 is a perspective view of a neck-tie with my improved fastener in locking position thereon.

Figure 2 is an elevational view of the fastener.

Figure 3 is a vertical longitudinal sectional view on the line 3—3 of Figure 2.

Figure 4 is an edge elevation showing the manner of effecting connection and disconnection of the fastener.

Figure 5 is a perspective view of the fastening elements in a separated condition.

Figure 6 is a perspective view of a modified form of my fastener.

Figure 7 is a perspective view of a further modification.

Figure 8 is a vertical sectional view through the fastener shown in Figure 8 with the fastening elements in a connected position.

Referring to the drawings by reference characters, the numeral 10 designates a neck-tie, which may either be a four-in-hand or bow type and which is knotted as at 11 to provide a neck encircling band 12. The band 12 is split but the free ends of the same may be connected together by my improved fastener shown in its entirety as at 13. The respective free ends of the band support co-acting male and female elements 14 and 15.

The male element 14 is constructed of a flat piece of material stamped and bent to provide a body 16 with inwardly extending jaws 17 overlying the same and which have their free edges bent downward and provided with teeth 18. The free end of the neck band to which the male element is attached is inserted between the body and the jaws and the said jaws pressed down to cause the teeth to penetrate the neck band, thus fixedly connecting the male element thereto.

A T-shape head 19 extends from the body on a plane even therewith and includes a shank 20 and cross bar 21.

The female element 15 is also stamped and bent from a flat piece of metal to form a body portion 22 having jaws 23 bendable thereover, the free edges of which are turned down to provide teeth 24. The end of the neck band to which the female element is attached is inserted between the body 22 and jaws 23 and the jaws pressed down to cause the teeth to imbed themselves in the neck band. Spaced legs 25 extend outward from the body on a plane even therewith and have their ends bent inward at an acute angle to provide angular lugs 26. The material between the legs 25 is bent outwardly from the body at an angle opposite to the lugs 26 to provide a co-acting offset lug 27. In connecting the co-acting elements, the operator brings them together at an angle as shown in Figure 4 of the drawing and places the shank 20 of the T-head between the lugs 26 with the cross arm

21 seated against the lugs whereupon the elements may be swung to an even plane which allows the outer edge of the cross arm to seat beneath the lug 27. The elements are now in co-acting locking engagement and will remain locked until the operator reaches beneath the folds of the collar and tilts the elements in the manner shown in Figure 4. Natural movements of the neck of a wearer will not disturb the locking engagement of the fastener as it cannot be disconnected unless tilted as shown.

In Figure 6 of the drawing, I have shown a slightly modified form in which parts similar to those shown in the preferred form are referred to by like reference characters. In this form, the female element is slightly different although it includes the spaced lugs 26, but in lieu of the lug 27, I provide inwardly extending lugs 28 bent from the side edges of the body and disposed in spaced relation to the lugs 26. The male element is identical to that shown in the preferred form and is inserted into the female element in a like manner to lie between the lugs 26 and 28.

In Figures 7 and 8, I have shown a further modified form of female element which includes the lugs 26 but in which the body is punched out to provide spaced fingers 29 beneath which one end of a flat spring 30 is held. The free end of the spring 30 overlies the lugs 26 to retain the T-shaped head in a seated position when connected therewith.

Although I have shown one means by which the fastening elements may be attached to the ends of the tie, it will be understood that any other suitable means may be provided if desired, such as the common means of perforating or slotting the body of the elements and passing stitching there-through.

While I have shown and described what I consider the best embodiment of my invention, I wish it to be understood that such changes as come within the scope of the appended claims may be resorted to when desired.

What is claimed as new is:—

1. A fastener of the class described comprising a female element embodying a pair of spaced aligned lugs, a T-shaped male element engageable with said aligned lugs, and a retaining member on said female element for retaining said T-shaped male element in co-acting engagement with said lugs when the male and female elements are connected and moved to a substantially even plane.

2. A fastener of the class described comprising a female element embodying a body, attaching means on said body, spaced lugs bent from one of the edges of said body and disposed at an acute angle with respect thereto, a male element embodying a body, attaching means on said body, a T-shaped head extending from said body, the cross arm of said head being seated against said lugs with the shank of the same disposed therebetween, and a retaining member on the body of said female element for holding said T-shaped head in locking engagement with said lugs to prevent accidental separation of said male and female elements when in co-acting engagement.

3. In a fastener, the combination of a T-shaped male element, a female element constructed of flat bendable material stamped to provide a body, spaced aligned lugs bent from said body, and a retaining lug bent from said body and disposed out of alignment with said aligned lugs, the aligned lugs and the retaining lug being bent at an angle with respect to each other for receiving and retaining said T-shaped male element.

4. In a fastener, the combination of a T-shape male element, a female element comprising a body, spaced aligned lugs bent from said body, and a retaining lip carried by said body and overlying the same for retaining said T-shaped male element in co-acting engagement with said lugs.

In testimony whereof I have affixed my signature.

JOSEPH G. BELUNES.