Nov. 10, 1931. J. JASINA 1,831,496

TIE FASTENER

Filed Aug. 19, 1929

Fig. 1.

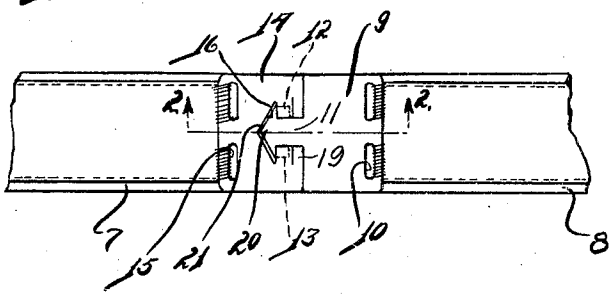


Fig. 2.

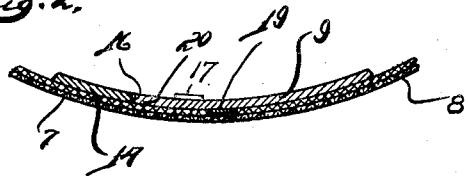


Fig. 3.

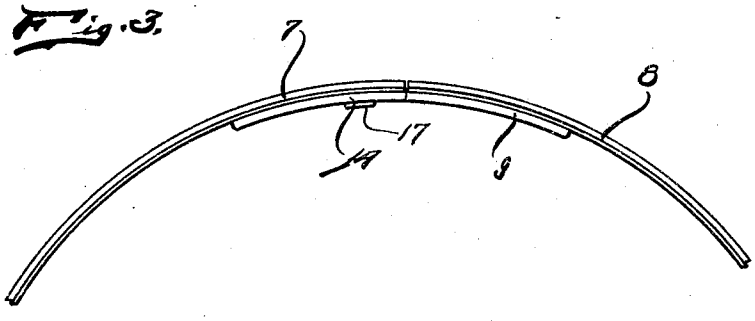
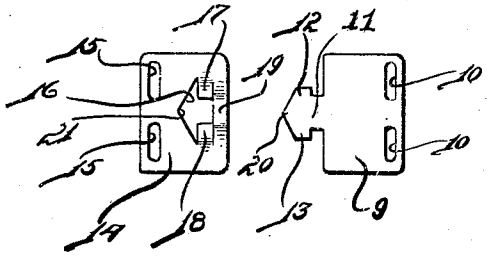


Fig. 4.



INVENTOR.
John Jasina
BY
Thos. J. Donnelly
ATTORNEY.

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UNITED STATES PATENT OFFICE

JOHN JASINA, OF DETROIT, MICHIGAN

TIE FASTENER

Application filed August 19, 1929. Serial No. 387,029.

My invention relates to a new and useful improvement in a tie fastener and has for its object the provision of a tie fastener in the use of which a tie may be tied into a knot and left permanently tied, thus relieving the tie of the excessive wear and tear to which it is subjected by repeated tying and untying of the knot and at the same time affording the wearer convenience and ease in placing the tie in position and wearing and removing it.

Another object of the invention is the provision of a tie fastener the ends of which may be held securely in position in alignment with each other and easily and quickly detached.

Another object of the invention is the provision in a tie of a fastening means which will permit easy and quick fastening and unfastening of the tie and which will lie flat across the collar so as not to provide any undesirable projection to press against the neck of the wearer.

Other objects will appear hereinafter.

The invention consists in the combination and arrangement of parts hereinafter described and claimed.

The invention will be best understood by a reference to the accompanying drawings which form a part of this specification, and in which,

Fig. 1 is a side elevational view of the invention.

Fig. 2 is a fragmentary sectional view taken on line 2—2 of Fig. 1.

Fig. 3 is a fragmentary end elevational view of the invention.

Fig. 4 is a plan view of the fastener showing the parts detached.

The tie with which the fastener is used is made up of a pair of fabric portions 7 and 8 which after being encircled about the neck are tied in the usual knot such as a four-in-hand knot. The ends of the fabric portion 7 and 8 are securely held in alignment with each other by a fastening member. This fastening member comprises a pair of sections, one of these sections consisting of the plate 9 having the slots 10 formed therein whereby the fastener may be stitched to the fabric portion 7 or 8 with the outer edge of the plate in alignment with the end edge of the fabric portion to which it is stitched. A tongue 11 projects outwardly from this edge of the plate 9 and is provided with a head having the lateral wings 12 and 13. Secured to the other fabric portion is the female plate 14 having the stitch receiving slots 15 formed therein, this plate 14 also being secured to the fabric portion with this outer edge in alignment with the end edge of the fabric portion to which it is secured. An opening 16 is formed in the plate 14 of the contour of the head and tongue carried by the plate 9 but of smaller dimensions; that is, the opening 16 is wider than the head but of less area, as the head is deeper than the opening. These plates 9 and 14 are formed curved to correspond to the curvature of the collar with which they are used. The corners 17 and 18 of the opening 16 are offset inwardly of the curve. The portion 19 at the base of the opening 16 is also offset outwardly of the curve. When the head carried by the plate 9 is projected through the opening 16 and strain is exerted tending to separate the plates 9 and 14, the wings 12 and 13 will engage the offset corners 17 and 18, and the tongue 11 will engage in the offset portion 19 and the apex or point 20 of the head will be positioned slightly rearwardly of the apex 21 of the opening 16 and the inclined sides of the head will be positioned slightly within the inclined sides of the opening 16, the head thus seating in the opening and the edges of the plates 14 and 9 abutting against each other as shown in Fig. 1. This abutment of the edges of the plates 14 and 9 against each other prevents undue unfastening of the device and affords a smooth surface for engagement with the collar with which worn. In order to disengage the parts it is necessary that the plates 7 and 14 be tilted angularly of each other so that the edges which are in engagement may be projected into overlapping relation to permit the withdrawal of the head from the opening 16. In this way, the tie is secured together so as not to cause the wearer to feel any difference than if the tie were uninterrupted while at the same time the convenience sought for is obtained.

While I have illustrated and described the preferred form of my invention, I do not

wish to limit myself to the precise details of structure shown but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

1. A fastening device of the class described adapted for securing a pair of separable fabric portions with the ends adjacent and in alignment, comprising: a pair of arcuate plates, each of said plates being secured at one edge to one of said adjacent ends of said fabric portions, one of said plates having an opening formed adjacent its free edge; a tongue projecting outwardly from the free edge of the other of said plates; a head mounted on the end of said tongue conforming in outline to the outline of said opening and being of larger area and of slightly smaller width for projection into said opening, the corners of the plate bearing said opening being inwardly offset for reception of the corners of said head, said opening bearing plate preventing, through engagement with the corners of said head, withdrawal of said plates and maintaining said plates in alignment, one of said plates being offset for compensating in thickness the overlying relation of said tongue and the edge of said opening bearing plate.

2. A fastening device comprising a pair of arcuate plates, each of said plates being adapted to be secured at one edge to adjacent ends of separable fabric portions, one of said plates having an opening formed adjacent its free edge; a tongue projecting outwardly from the free edge of the other of said plates; a head mounted on the end of said tongue conforming in outline to the outline of said opening and being of larger area and of slightly smaller width for projection into said opening, the corners of the plate bearing said opening being inwardly offset for reception of the corners of said head, said opening bearing plate preventing, through engagement with the corners of said head, withdrawal of said plates, said opening bearing plate being outwardly offset at the edge of said opening to provide a recess for reception of said tongue said plates aligning with each other and engaging each other at adjacent edges.

In testimony whereof I have signed the foregoing specification.

JOHN JASINA.