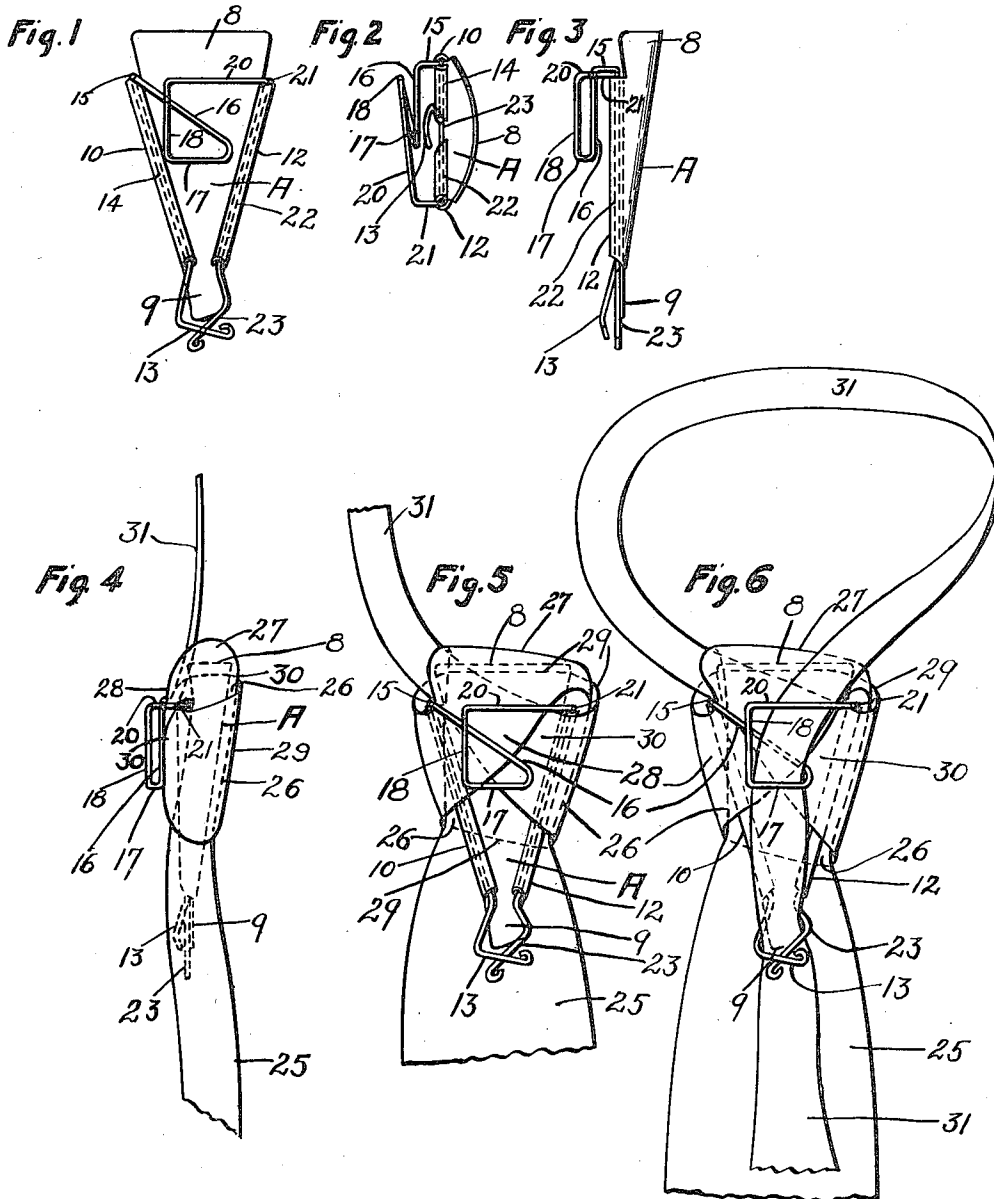


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NECKTIE-FASTENER.

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To all whom it may concern:

Be it known that I, FRANK TROYAN, a citizen of the United States of America, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Necktie-Fasteners; and I hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

This invention relates to improvements in necktie fasteners, and pertains more especially to simple, inexpensive, reliable and convenient means for facilitating the making of the knot of a four-in-hand-scarf and for guiding and holding in place the neck-band of the scarf.

The primary object of this invention is to provide a necktie fastener comprising a four-in-hand-scarf form which is provided with efficient means for guiding and holding in place the neck-band of the scarf at the back of the body of the form and has simple and inexpensive and conveniently located means for clamping said neck-band at the lower end of said body.

Another object is to provide said form with a simple and inexpensive resilient member for clampingly engaging the knot of the scarf at the back of the knot and to have said resilient member and the aforesaid guiding and holding means composed of a single piece or section of wire.

With these objects in view and to the end of attaining any other advantage hereinafter appearing, this invention consists in certain features of construction, and combinations and relative arrangement of parts, hereinafter described, pointed out in the claims and illustrated in the accompanying drawing.

In said drawings, Figure 1 is a back view of my improved necktie fastener comprising a four-in-hand-scarf form. Fig. 2 is a top plan of the same. Fig. 3 is a side view of the same. Fig. 4 is a side view of a four-in-hand scarf having its knot formed on the body of the form of my improved necktie fastener. Fig. 5 is a back view illustrative of the formation of said knot on said form. Fig. 6 is a view corresponding with Fig. 5, except that in Fig. 6 the neck-band of the scarf is shown held and guided at the back

of the knot of the scarf and at the back of the apron-forming end-portion of the scarf below said knot. Portions of the scarf are shown broken away in Figs. 4, 5 and 6 to reduce the size of the drawings.

The body of the four-in-hand-scarf form of my improved necktie fastener (see Figs. 1, 2 and 3) comprises an upright plate A. Said plate is gradually enlarged in width upwardly between the upper end-portion 8 and the lower end-portion 9 of the plate and bent at its side edges between said end-portions to form two upwardly diverging tubular portions 10 and 12, and a piece or section of tempered steel wire has its end-portions 13 and 23 arranged and crossed below said tubular portions. The end-portion 13 of said wire-section is arranged rearwardly of and spaced somewhat from the end-portion 23 of said section. From its rearward end-portion 13 said wire-section extends into the lower end of and, as at 14, through the tubular portion 10 formed at the left-hand side of the back of the plate A, and from the upper end of said tubular portion rearwardly, as at 15, to a point a short distance from the upper end of said tubular portion, and thence, as at 16, downwardly diagonally of the back of the plate in the direction of the right-hand side of said back so as to form a resilient clamping member for the purpose hereinafter appearing. From the lower end of said clamping member 16 said wire-section extends in the direction of the left-hand side of the back of the plate A, as at 17, thence upwardly, as at 18, to and across the rear side of said clamping member, thence to the right-hand side of the back of the plate, as at 20, to a point a short distance rearward of the tubular portion 12 formed at the last-mentioned side of said back, thence forwardly, as at 21, thence downwardly, as at 22, through said last-mentioned tubular portion, and thence terminates in the other end-portion 23 of said wire-section, and said last-mentioned end-portion of said wire-section forms a resilient clamping member for the purpose hereinafter appearing.

One end-portion of a four-in-hand scarf constitutes an apron which is to hang loosely, and the scarf has its intermediate portion which adjoins said apron-forming portion adapted to be arranged in the form

of a knot on the plate or body A of my improved necktie-fastener, and the remainder of the scarf, including the other end-portion of the scarf, constitutes the neck-band which
 5 is long enough to extend around the neck of the wearer and downwardly at the back of the knot and behind the apron-forming end-portion of the scarf.

In applying the scarf therefore, as shown
 10 in Figs. 4, 5 and 6, the apron-forming end-portion 25 of the scarf is arranged to hang from the forwardly curved front of the plate A so that the scarf extends from said apron-forming portion upwardly in front of said
 15 plate, as at 26, to and rearwardly over the upper end of the form, as at 27, thence downwardly, as at 28, between the members 15 and 21 of the wire-section and diagonally of said back to the left hand side of said
 20 back, and thence, as at 29, in front of the form and across the forward side of the portion 26 of the scarf to the right-hand side of the back of the form, and thence upwardly, as at 30, and diagonally of said back between
 25 the diagonally extending portion 28 of the scarf and the plate A to the upper end of the left-hand side of said back at the inner side of the member 15 of the wire-section, and the diagonally arranged portion 30 of
 30 the scarf terminates in the neck-band 31. The portions 26, 27, 28, 29 and 30 of the scarf form a knot which incloses the greater portion of the plate A and is formed, as already indicated, by properly wrapping the
 35 knot-forming portion of the scarf around or about the plate.

It will be observed that the diagonally extending clamping member 16 is arranged to clampingly engage the back of the rearward
 40 diagonally arranged portion 28 of the knot of the scarf, and consequently the back of said knot, and adapted to press said portion of the knot and the forwardly diagonally arranged portion 30 of said knot forwardly at
 45 the back of the plate A. The neck-band 31 of the scarf is long enough to extend from the upper end of the left-hand side of the back of the knot around the back of the neck of the wearer and thence downwardly at the
 50 inner side of the rearwardly extending member 21 of the wire-section and between the diagonally arranged portion 16 of the wire-section and the transverse members 20 and 17 of said wire-section, and thence said neck-band extends downwardly to the back of the
 55 lower end-portion 9 of the plate A and between said end-portion of said plate and the end-portion 23 of the wire-section.

Obviously the member 21 of the wire-section B constitutes a guide for guiding the
 60 neck-band to and between the member 16 and the members 17 and 20 of said wire-section, that the members 17 and 20 of said wire-section constitute means for preventing
 65 rearward displacement of the neck-band,

and that adjacent portions of the members 16 and 17 of the wire-section also guide the neck-band and prevent displacement of the neck-band in the direction of the right-hand
 70 side of the back of the scarf. It will also be observed that the resilient clamping member formed by the end-portion 23 of said wire-section and the lower end-portion 9 of the plate A constitute means for clamping
 75 the neck-band when the neck-band is passed between said resilient clamping member and said neck-band-clamping end-portion of the plate. Of course the end-portion 13 of the wire-section forms a resilient guiding member
 80 for guiding the neck-band into place between the clamping members 9 and 23 and the neck-band is first passed between the resilient end-portions 13 and 23 of the wire-section before it is passed into position between the clamping members 9 and 23, and
 85 obviously the resilient end-portions 13 and 23 of said wire-section constitute means for confining the neck-band in position at the back of the lower end-portion of the plate.

By the construction hereinbefore described it will be observed that my improved
 90 necktie fastener has a body which is provided at the upper portion of the left-hand side of its back with a short rearwardly projecting guide-arm 15 which terminates at its
 95 rear end in a resilient clamping member 16, that said body is provided at the upper portion of the right-hand side of its back with a short rearwardly projecting guide-arm 21, that said clamping member is connected
 100 through the medium of the members 17, 18 and 20 with the rear end of the last-mentioned arm, that the guide-arms 15 and 21 guide the diagonally arranged portions 28 and 30 of the scarf-knot and participate in
 105 holding said portions of the scarf between said arms, and that the guide-arm 21 and the contiguous member 20 and the connected guiding member 17 participate in guiding the neck-band of the scarf to the neck-band-clamping means consisting of the coöperating
 110 members 9 and 23 arranged at the lower end of the scarf-form in position to clamp the neck-band at the back of the apron 25 of the scarf so that displacement of the neck-band out of its position behind said apron is
 115 positively prevented.

It will be observed that the neck-band, when it extends, as shown in Fig. 6, vertically downwardly over the back of the lower
 120 end-portion 9 of the plate A and is there confined between the resilient members 13 and 23 of the wire-section, is not liable to become displaced from the back of said portion of the plate. Preferably said resilient
 125 members are arranged to extend across opposite side edges respectively of the neck-band in proximity to the lower end-portion of the plate, as shown in Fig. 6, and to have their free ends opposite the back of
 130

said band, so that said band is positively retained in proper position relative to said portion of the plate.

What I claim is:—

5 1. In a necktie fastener, a four-in-hand-scarf form comprising a body which has two upwardly diverging tubular members arranged at the right-hand side and left-hand side respectively of the back of said
10 body, a section of wire extending from within the upper end of the tubular member formed at the left-hand side of said back to a point a short distance rearwardly of said tubular member, thence downwardly
15 and in the direction of the right-hand side of said back, thence toward the left-hand side of said back, thence upwardly and to a point rearwardly of the tubular member arranged at the right-hand side of said back,
20 and thence forwardly to the upper end of and into said last-mentioned tubular member.

2. In a necktie fastener, a four-in-hand-scarf form comprising an upright plate
25 forming the body of the form and provided at its lower end-portion with two resilient members arranged to extend across opposite side edges respectively of a neck-band applied so as to extend downwardly at the
30 back of said portion of the aforesaid body.

3. In a necktie fastener, a four-in-hand-scarf form comprising a body provided at its lower end-portion with two resilient
35 members arranged to extend across opposite side edges respectively of a neck-band applied so as to extend downwardly at the back of said portion of the aforesaid body and having their free ends arranged to be
40 opposite the back of said neck-band.

4. In a necktie fastener, a four-in-hand-scarf form comprising a body provided at its side edges with two spaced upright tubular members, a section of wire extending
45 through said tubular members and between the upper ends of said tubular members and having its end-portions extending below said tubular members and adjacent the lower end-portion of the body, said end-portions of said wire-section being arranged to extend
50 across opposite side edges respectively and opposite the back of a neck-band applied so as to extend downwardly at the back of said portion of the body.

5. In a necktie fastener, a four-in-hand-scarf form comprising an upright plate provided at its lower end-portion with two resilient members arranged to extend across

opposite side edges respectively and opposite the back of a neck-band applied so as to extend downwardly at the back of the
60 lower end-portion of the plate, one of said resilient members cooperating with said lower end-portion of the plate in forming clamping means.

6. In a necktie fastener, a four-in-hand-scarf form comprising a body formed by an upright plate enlarged in width upwardly between the upper and lower end-
65 portions of the plate and provided at its side edges with two upwardly diverging tubular portions which are arranged between the aforesaid end-portions of the plate, a section of wire extending through said tubular portions and having portions thereof forming a clamping member and
70 guiding means at the back of the plate, the end-portions of said wire-section crossing each other adjacent the lower end-portion of the plate, and one of said end-portions of said wire-section cooperating with said
75 lower end-portion of the plate in forming clamping means.

7. In a necktie fastener, a four-in-hand-scarf form comprising an upright plate which is enlarged in width upwardly between the upper and lower end-portions of the plate and has two upwardly diverging
85 tubular members arranged between said end-portions of the plate at the right-hand side and left-hand side respectively of the back of the plate, a section of wire extending from within the upper end of the tubular member at the left-hand side of said back to a point a short distance rearwardly of
90 said tubular member, thence downwardly and in the direction of the right-hand side of said back, thence toward the left-hand side of said back, and thence forwardly to the upper end of and into said last-mentioned tubular member, said wire-section
95 extending through said tubular members and having its end-portions extending below said tubular members and having one of said end-portions cooperating with the aforesaid lower end-portion of the plate in
100 forming clamping means.

In testimony whereof, I sign the foregoing specification, in the presence of two witnesses.

FRANK TROYAN.

Witnesses:

B. C. BROWN,
EMIL W. KRYZ.