May 10, 1938. N. GOLD 2,116,569

DEVICE FOR TURNING NECKTIES

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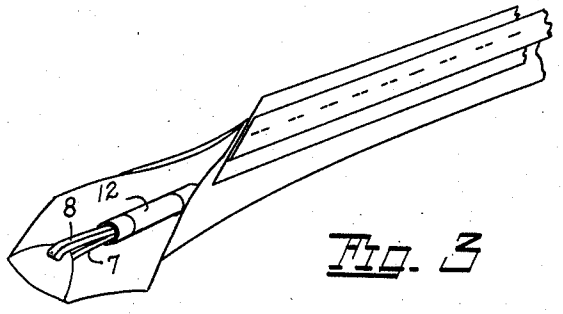


Fig. 3

Fig. 1

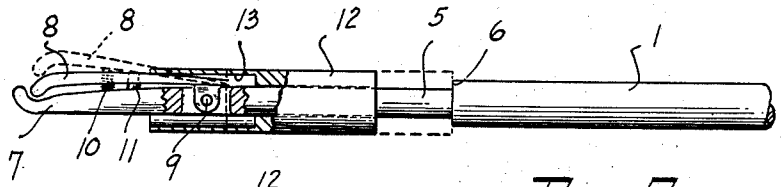


Fig. 2

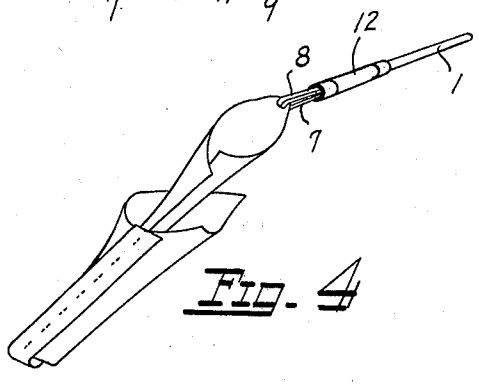


Fig. 4

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DEVICE FOR TURNING NECKTIES

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2 Claims. (Cl. 223—42)

This invention relates to improvements in a device for turning neckties; that is, turning them from a position of inside-out, in which position they are assembled, to a position of right-side-out.

In assembling a necktie, the casing is first folded over on itself and its two outside edges are arranged in alignment with each other; following this, the lining and reinforcing strip are placed one above the other along the aligned edges of the casing, then the edges of the casing, lining and reinforcing strip are all stitched together throughout the length of the tie. Thus assembled, the tie is in an inside-out position and following this assembling operation, the tie, of course, must be turned to a right-side-out position so that the finishing operations of pressing, folding, etc. may be accomplished. Heretofore, various methods were used to turn the ties as aforesaid, among these, was a stick or a rod having a pin at one of its ends to engage the end of the tie so that upon drawing the stick or rod through the tie the position of the tie would be reversed. Another method of doing this was through the use of a string having a weight and a hooking means on one end of the string for engagement with the end of the tie for reversing it as aforesaid. By any of these old methods, a skilled operator was able to reverse in the neighborhood of 75 dozens of neckties a day, but with my new and improved device an operator of ordinary skill is able to reverse in the neighborhood of 200 dozens a day.

These and other objects will appear as my invention is more fully hereinafter described in the following specification, illustrated in the accompanying drawing and finally pointed out in the appended claims.

In the drawing:

Figure 1 is a perspective view of the invention swingably mounted to any suitable support.

Figure 2 is an enlarged side elevation of the gripping end of the device, partly in section for convenience of illustration.

Figure 3 is a view showing a necktie, after assembly, in operative engagement with the device and in position to be turned right-side-out.

Figure 4 is a view showing the necktie in a partly reversed position.

Referring now more particularly to the drawing:

Reference numeral 1, indicates the main body of the device in the form of an elongated rod having one of its ends turned at right angles to itself, as at 2, and swingably mounted by means of brackets 3 to any suitable support 4 which may be a post, a wall, or one corner of a table or work-bench.

The outermost end of the rod 1 is reduced as at 5 to form a shoulder 6. The outermost end of the reduced portion of the rod is formed into one element 7 of a gripping member. The companion element 8 of the gripping member is pivotally mounted at its inner end as at 9 to the reduced portion 5 of the rod. A spring 10 is interposed between the two gripping elements to normally maintain them in an open position as shown in dotted lines in Figure 2.

A guide pin 11 depends from the element 8 and cooperates with an aperture in the reduced portion 5 for stabilizing the element 8 in its movement relative to the companion gripping element.

Upon the reduced portion 5, is slidably mounted a sleeve 12. The outer end of the sleeve is enlarged internally as at 13 for wiping engagement with the element 8 of the gripping element.

For compressing the elements 7 and 8 into gripping relation, the sleeve 12 is drawn forwardly as shown in full lines in Figure 2. For separating the gripping elements, the sleeve is moved rearwardly until its inner end abuts the shoulder 6 on the rod 1 as shown in dotted lines. Movement of the sleeve rearwardly from the gripping elements allows the gripping element 8 to move upwardly under the influence of the spring 10.

As previously pointed out, the various structural elements of a necktie when assembled are in an inside-out position. In this position, the necktie casing is placed over the rod as shown in Figure 3, then the end of the casing is gripped between the gripping elements which anchors the end of the tie and allows the remainder of the tie to be drawn into a right-side-out position.

While I have shown a particular form of embodiment of my invention, I am aware that many minor changes therein will readily suggest themselves to others skilled in the art without departing from the spirit and scope of the invention. What I claim as new and desire to protect by Letters Patent is:—

1. A device for turning neckties comprising an elongated rod pivotally mounted to a support, a portion of the free end of the rod being reduced, the extreme end of the reduced portion forming one element of a gripping member, a companion gripping member pivotally mounted to the reduced portion and adapted to cooperate with the other of said elements, resilient means inter-

posed between both of said elements for normally maintaining them in an open position, and means formed on the reduced portion of the rod for compressing said elements into gripping relation with respect to each other, said means comprising a slidable sleeve adapted to progressively compress said elements.

2. A device for turning neckties comprising an elongated rod, a portion of one end of the rod being reduced, a gripping jaw hinged to the rod and adapted to cooperate with said reduced portion to form a pair of gripping jaws, resilient means interposed between said jaw and said reduced portion, a sleeve slidably mounted on the rod and adapted to progressively compress the jaw to the reduced portion of the rod.

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