July 28, 1953 D. D. SLOAN 2,646,567

METHOD OF APPLYING GARMENT TAGS

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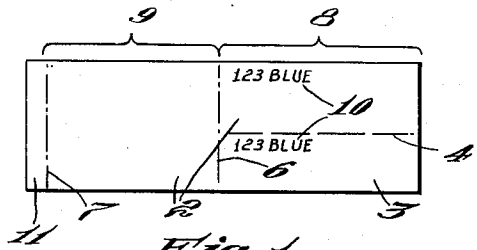


Fig. 1

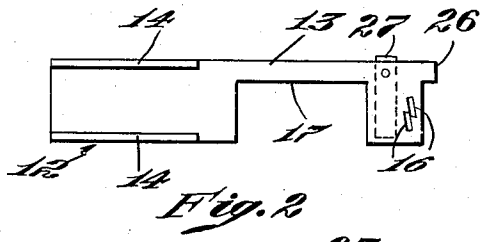


Fig. 2

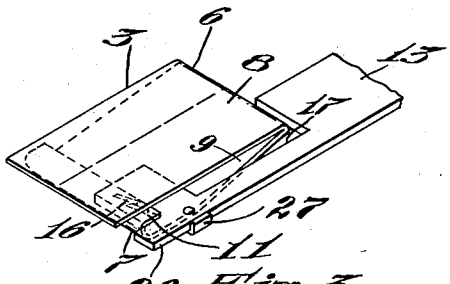


Fig. 3

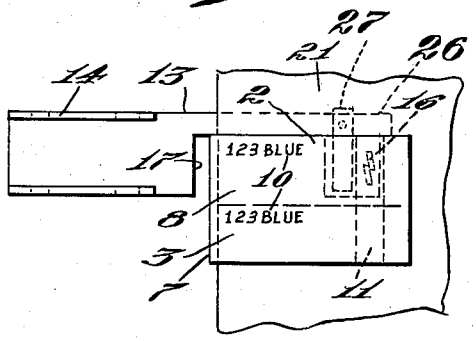


Fig. 4

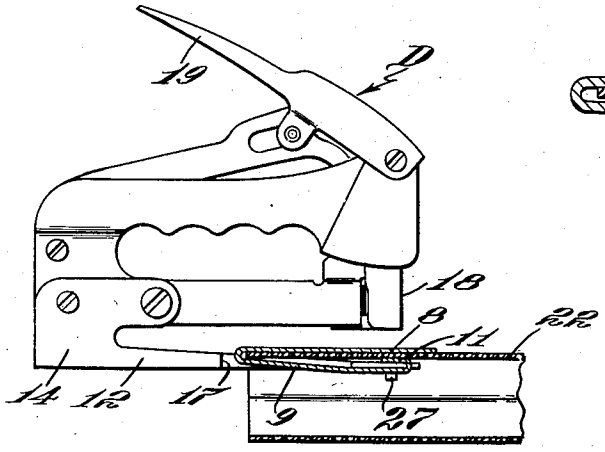


Fig. 5

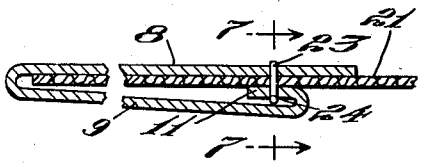


Fig. 6

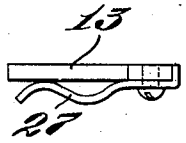


Fig. 8

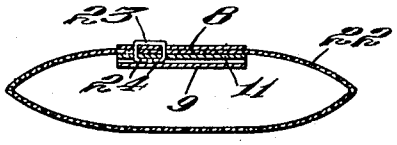


Fig. 7

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METHOD OF APPLYING GARMENT TAGS

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3 Claims. (Cl. 1—66)

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This invention relates to an improved form of price tag, and particularly to a tag carrying sales indicia to be stapled to a fabric garment or the like, and has for one object to provide a tag which may be attached to a garment with the ends of the staple covered to prevent injury to the garment or to persons handling the garment. Another object is to provide a way of stapling the tag to the garment with the ends of the staple so covered. A further object is to provide a tag which may be secured to the stapler and need not be manually held thereon during the stapling operation.

In one aspect the invention comprises a tag of the type designed to be folded and slipped over the edge of a piece of fabric with its front and back, that is, opposite folds of the tag, extending along opposite sides of the fabric, the back being adapted to be additionally folded along a line near its free end to provide a flap disposed between the front and the back, so that a staple can be attached through the front of the tag and thence through the fabric and the flap, with the turned ends of the staple lying between the flap and the back and covered by the back. In this aspect the tag may be prefolded as described or folded at the time of attachment to fabric or the like. The tag may be weakened at the fold lines by slitting or scoring or both.

In another aspect the invention involves the method of applying the tag to an article by folding the tag so that its front and back may be disposed on opposite sides of the article, folding the back on a line near one end thereof to provide a flap which lies between the front and the back, disposing the tag over the article as aforesaid and inserting a staple through said front, thence through the article and the flap, and bending the ends of the staple between the flap and back so they are covered.

In a further aspect the invention involves a stapling device for applying the tag to a tubular article of fabric or the like, the device including an elongate anvil adapted to be inserted in the tubular article, the anvil having a lateral recess to receive the folded tag with the back under the anvil and the flap folded over the anvil, whereby the tag may be stapled to the tubular article with ends of the staple disposed between the flap and the back and covered by the back. Preferably the end of the anvil is provided with a portion which extends beyond the end of the anvil and which is located thereon so that it bears against the side of the tag at the fold between the flap and the back and serves to position the

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tag on the anvil. If desired, a spring clip may be fixed at the end of the anvil so that it yieldingly holds the front or back of the folded tag against the anvil.

For the purpose of illustration typical embodiments of the invention are illustrated in the accompanying drawing in which

Fig. 1 is a plan view of a tag;

Fig. 2 is a plan view of a stapling anvil;

Fig. 3 is an isometric view of the tag folded on the anvil;

Fig. 4 is a plan view of a piece of fabric laid over the anvil and a tag folded over the fabric and anvil;

Fig. 5 is a side elevation of a stapling device including the aforesaid anvil;

Fig. 6 is a sectional view showing a tag stapled to fabric;

Fig. 7 is a section on line 7—7 of Fig. 6; and

Fig. 8 is an end elevation of the anvil.

One type of tag according to the present invention is shown in Fig. 1 and includes a permanent L-shaped section 2 carrying sales indicia 10 and a temporary section 3 carrying duplicate indicia which may be separated from the permanent section along the weakened lines 4 and 6. The tag is designed to be folded along the weakened line 6, which preferably extends substantially all the way across the tag, with its back 9 opposed to its front or indicia-carrying portion 8. The end flap 11 may be folded over the back along the weakened line 7.

The tag may be attached to a sheet of fabric by operation of a stapling machine D (Fig. 5) which includes an anvil 12 carrying staple-clinching grooves 16, a staple driving head 18 and a hand lever 19 for actuating the driving head. While the tag may be folded as it is applied to the anvil or fabric, preferably it is folded at each of the lines 6 and 7 before it is applied. While the tag may be applied to the fabric first, preferably it is first slipped over the anvil into the position shown in Fig. 3 and the fabric 21 is then slipped into place as shown in Fig. 5. Then a staple 23 is driven from the head 18 through the permanent portion 2 of the front 8, thence through the fabric and thence through the flap 11 against the anvil which bends the ends of the staple between the flap 11 and back 9, whereby the temporary portion 3 may be removed from the front when desired. The turned in ends of the staple are thus guarded so that they cannot snag on other parts of the garment or injure persons handling the garment.

As shown in Figs. 2, 3 and 4 the anvil is pro-

vided with a lateral recess 17 so that the portion of the tag folded along line 6 may lie within the recess with the flap 11 square with the end of the anvil 12 and overlying the staple-clinching grooves 16 at the end of the anvil blade 13. An extension 26 at the end of the anvil is designed to bear against the side of the flap 11 at the fold between the flap and the back 9 so as to position the tag laterally at the end of the anvil with the permanent portion 2 of the front 8 overlying the staple-clinching grooves 16. A spring clip 27, shown enlarged in Fig. 8, may be employed to hold the folded tag on the anvil. The clip permits the operator to hold the stapler in one hand while holding the fabric garment with the other. The provision of the recess 17 permits the anvil to be positioned at right angles to the edge of the fabric 21 while engaging the folded ticket so that the ticket may be squarely stapled at the edge of the fabric. This provision is particularly useful when the anvil and the ticket are to be inserted in a tubular piece of fabric 22 (Figs. 5 and 7) such as a sleeve or the wrist of a glove. Whether a sheet of fabric or a tubular garment is tagged, however, the construction of the anvil assures that the tag will be neatly stapled thereto with the ends of the staple covered.

It should be understood that the present disclosure is for the purpose of illustration only and that this invention includes all modifications and equivalents which fall within the scope of the appended claims.

I claim:

1. The method of applying an elongate tag to an article which comprises folding the tag transversely over the edge of the article with integral front and back portions of the tag extending along opposite sides of the article, folding one end of the back inwardly to form a flap which extends between the article and the back, engaging the folded tag on a staple clinching device, inserting a staple through said front, thence through the article and thence through said flap, and bending the ends of the staple between the flap and back so that they are covered by the back whereby the folded tag may be applied with one stapling operation.

2. The method of applying an elongate tag to an article which comprises folding the tag transversely over the edge of the article with integral front and back portions of the tag extending along opposite sides of the article, folding one end of the back inwardly to form a flap which extends between the article and the back, engaging the folded tag on a staple-clinching anvil with the anvil disposed between the flap and back, inserting a staple through said front, thence through the article and thence through said flap and against the anvil, and bending the ends of the staple between the flap and back so that they are covered by the back, whereby the tag is supported during the stapling operation and may be applied with one stapling operation.

3. The method of applying a tag to an article which comprises folding the tag to form a front and a back, folding one end of the back inwardly to form a flap, engaging the folded tag on a staple-clinching device, disposing the tag over the edge of the article with the front and back extending along opposite sides of the article and with the flap between the article and the back, inserting a staple through said front, thence through the article and thence through said flap, and bending the ends of the staple between the flap and back so that they are covered by the back, whereby the folded tag may be applied with one stapling operation.

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