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P. N. BRAUN

2,836,290

IDENTIFICATION TAGS

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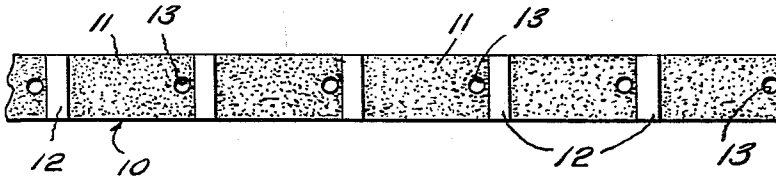


Fig. 1



Fig. 2

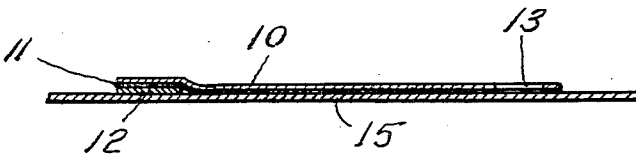


Fig. 3

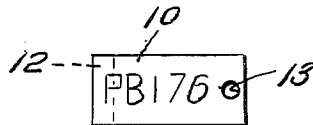


Fig. 4

INVENTOR.

Philip N. Braun

BY

R. Emmett Thompson

ATTORNEY.

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2,836,290

IDENTIFICATION TAGS

Philip N. Braun, Syracuse, N. Y.

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1 Claim. (Cl. 206—56)

This invention relates to identification tags applied to garments and like articles by thermoplastic adhesive material with the application of heat and pressure. Such tags are used extensively in laundry and dry cleaning processes and in such use, the tags are removed from the garments, or other articles, after the completion of the laundry and dry cleaning operation.

This invention has as an object tags of the type referred to produced in the form of a tape, the connected tags being coated on one surface with a thermoplastic adhesive material, and each tag of the tape having a relatively narrow strip of sheet material applied thereto, and which serves as a seal barrier to prevent a portion of a tag, severed from said tape, from becoming sealed to the garment, or other article.

The invention consists in the novel features and in the combinations and constructions hereinafter set forth and claimed.

In describing this invention, reference is had to the accompanying drawings in which like characters designate corresponding parts in all the views.

In the drawings—

Figure 1 illustrates a portion of the tape from which the identification tags are severed.

Figure 2 illustrates a severed tag.

Figure 3 is a lengthwise sectional view of a severed tag illustrating its application to a piece of fabric.

Figure 4 is a face view of a severed tag.

The tape 10 may be formed of any suitable material, such as high wet strength paper, or textile fabric, and is coated on one side with a thermoplastic adhesive material, as indicated at 11. Seal barrier strips 12 are applied to the tape, on its coated side, so that these strips overlie a portion of the coated side of each tag severed from the tape. As shown, the seal barrier strips 12 are in the form of individual strips positioned at spaced intervals along the tape and extend transversely, or crosswise, thereof, the spacing of the strips being such that each of the strips 12 will overlie a portion of the coated sur-

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face of each tag. In the arrangement shown, the tags are severed from the tape along the outer edge of the strips 12, whereby the strip 12 overlies an end portion of each tag.

The tape is provided with perforations or apertures 13 at uniform spaced intervals, these apertures being entered by a feeding finger of the tape feeding mechanism of the machine employed for printing, severing and attaching the tags to the garments, or other articles, being laundered or dry cleaned. Such a machine is shown in my copending application, Ser. No. 459,294, filed September 30, 1954.

The individual tags severed from the tape, Figures 2 and 4, are positioned on the garments indicated at 15, Figure 3, with the thermoplastic coating 11 contacting the garment. The tag and the garment are squeezed together and heat is applied to the tag to reactivate the thermoplastic material, whereby it serves as a medium of securing the tag to the garment. The seal barrier strip 12, positioned on the coated side of the tag, serves to prevent that area of the tag from sealing to the garment. The seal barrier strip is positioned adjacent one side edge portion of the tag and this unsealed portion of the tag, and including the seal barrier strip, provides a convenient means for grasping the tag, whereby it may be conveniently removed from the garment by a peeling action after the laundry or dry cleaning process.

The tape is economically formed in rolls and furnished to the customer in that manner and provides for the severance of complete individual identification tags which are conveniently affixed to the garments, or other articles, by the application of heat and pressure.

What I claim is:

A tape in the form of a series of connected identification tags of rectangular shape for attachment to garments and the like by the application of heat and pressure, said tape being entirely coated on one side with a thermoplastic adhesive material, separate seal barrier strips of sheet material positioned on the coated side of said tape at spaced intervals therealong and extending crosswise of the tape, said strips being permanently adhered to the tape by said thermoplastic material and being uncoated on their exposed surfaces.

References Cited in the file of this patent

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