April 24, 1962 L. TOBIAS 3,030,631

NECKTIE

Filed March 26, 1959

Fig. 1

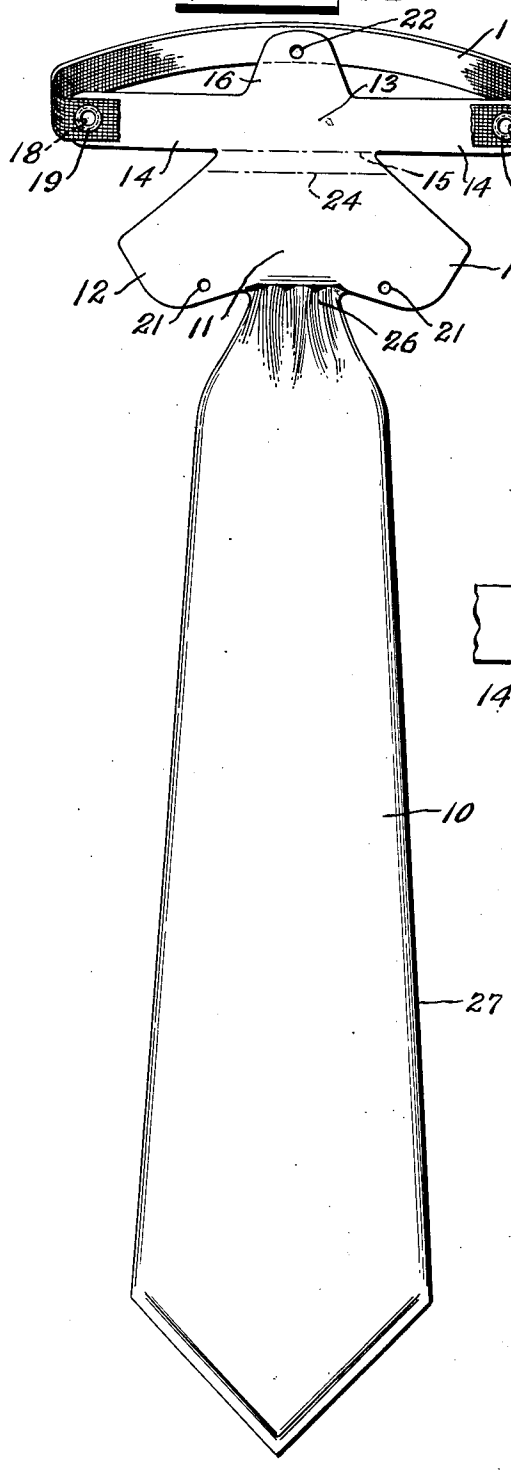


Fig. 3

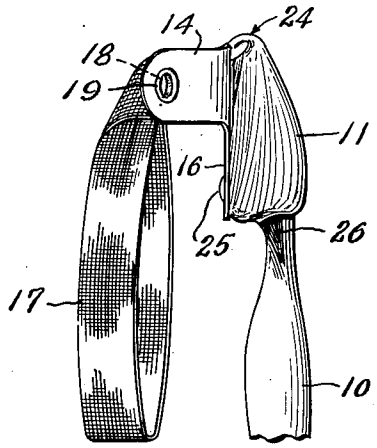


Fig. 2

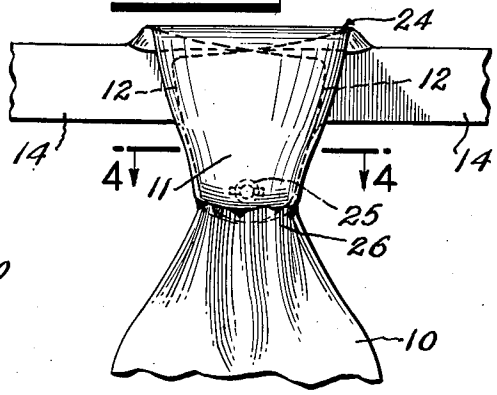
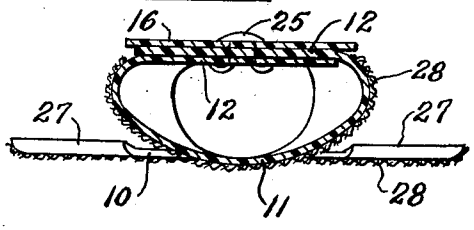


Fig. 4



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The invention relates to a tie which may be made of various materials which are bendable but have enough firmness to retain its general shape. A pliable plastic lends itself particularly to this construction. The tie is primarily intended as an inexpensive item and may be used as a novelty or advertising device although it has wider applications such as dress use for children.

It is an object of the invention to construct a new and novel tie of inexpensive construction.

Another object is to construct an inexpensive tie made from a one part blank which is bent into tie form.

Other objects of the invention will be more apparent from the following description when taken in connection with the accompanying drawing illustrating a preferred embodiment thereof in which:

FIG. 1 is a front view of the tie blank prior to folding;

FIG. 2 is a front view of the upper or assembled knot portion of the tie;

FIG. 3 is a side view of the upper portion of the tie; and

FIG. 4 is a section taken on line 4—4 of FIG. 2 through the knot portion.

The tie blank is a one piece member having a body or main panel **10** shown particularly as tapering having a relatively narrow upper end which widens downwardly, although this panel may be of any shape. Integral with the narrower upper portion is a knot panel **11** having a pair of outwardly extending wings or extensions **12**, one wing extending outwardly from each side. The upper edge of each wing or extension slopes downwardly. Also the upper horizontal dimension of the knot panel is greater than the lower dimension providing the connection with the main panel **10** so that the panel is of taper form with the upper edge dimension being the greater. Integral with the upper edge **15** of the knot panel is an integral flap **13**. Preferably the flap carries suitable means to attach the tie to a shirt or garment that shown being integral narrow outwardly extending bands **14**. One band extends outwardly from each side and preferably having a length to extend beyond the ends of the wings **12**. With such bands **14** carried by the band, the flap **13** has a portion **16** projecting upwardly beyond these bands. The vertical dimension of the flap from the edge **15** approximates the vertical dimension of the knot panel. The flap has a lateral dimension approximately the same as and preferably a little less than that of the knot panel and may taper as shown.

Suitable means are provided to secure the tie in assembled form that shown including a hole **21** carried by each wing adjacent the lower edge thereof and the flap **13** or portion **16** also carries a hole **22** adjacent its upper edge. The tie is bent into assembled form by bending the two wings arcuately inwardly to bring the two holes **21** into alignment. The flap **13** of the tie including the bands **14** are bent downwardly on a bending axis such as **24** to bring the flap over the bent wings and the hole **22** into alignment with the aligned holes **21** of the wings. A fastening means such as a rivet **25** is then passed through the aligned holes **21** and **22** which rivet fastens these parts together. The wings and flap may be secured together in other ways. The holes **21** are located so that the wings are bent or curved backwardly when the holes are aligned which produces a tapering or generally conical form of tie knot. With a body or tie of plastic moldable material, crinkles or waves **26** may be molded into the upper part of the main panel of the tie so that the knot panel and main panel appear as separate parts and closely simulates the appearance of a fabric tie knot with a folded over separate band. The folding or bending axis **24** may be at or adjacent the upper edge **15** of knot panel **11**. It is particularly shown a little below the upper edge which increases the stiffness at this point and assures an upper part with some curvature more nearly simulating a usual fabric tie.

Any suitable attaching or holding means may be used to attach the tie to a garment or wearer, that particularly shown being the bands **14** with stretchable rubber or elastic tape **17**, one end of which is attached at a hole **18** at the end of one band **14** such as by rivet **19**. The other end of the tape **17** is secured to the end of the other band **14** such as by means of a like rivet **19** passing through a hole **18**. It is clear that any form of attaching means may be used and the tape **17** is illustrative of any form of means for attaching or holding the tie to the collar of a shirt and the like or around the neck of the wearer. In fact the attaching means may be one or both bands **14** elongated and carrying a clasp or hook of any type.

The material used has some degree of rigidity, firmness or stiffness so as to retain its form in a general way although freely bendable. Plastic has been found suitable and particularly a moldable plastic which will retain the crinkles or waves **26**. A plastic having a thickness of between $\frac{1}{64}$ and $\frac{1}{32}$ of an inch has been found suitable for the main panel. A fair degree of variation in the thickness of material is permissible. The upper portion may be thinner. Also a moldable plastic will retain a curl **27** at the edge of the main panel or body **10** which gives a more finished appearance and also makes main panel of the tie appear more nearly as a fabric tie. The material may be in any color and may have designs or advertisements printed thereon or molded therein. Any mechanical means may be used to fasten the ears and flaps together as well as to attach the tape **17** or they may be cemented together with a suitable adhesive. Fabric **28** may be adhesively attached or molded to the exposed surfaces if desired.

This invention is presented to fill a need for improvements in a necktie. It is understood that various modifications in structure, as well as changes in mode of operation, assembly, and manner of use, may and often do occur to those skilled in the art, especially after benefiting from the teachings of an invention. This disclosure illustrates the preferred means of embodying the invention in useful form.

What is claimed is:

1. A tie comprising a unitary structure of thin, relatively firm but easily bendable material including a single main panel, a knot panel of taper shape with its narrower dimension integral with the upper end of the main panel and having an upper edge, a wing integral with and projecting from each side of the knot panel, a flap integral with the upper edge of the knot panel and having a width approximately that of the knot panel, the vertical dimension of the flap approximating that of the knot panel, the wings being arcuately bent backwardly in overlapping relation and the flap being bent backwardly over the bent wings and downwardly in back of and in overlapping relation with respect to the overlapping wings on an axis at or adjacent the upper edge of the knot panel, means securing the wings and flap together, and band means carried by the flap including a band extending laterally from at least one edge of the flap and integral therewith and having an end to attach the tie on a garment.

2. A tie as in claim 1 in which the material is one which will permanently retain a set and crinkles permanently set in at the upper end of the main panel.

3. A tie as in claim 2 including a permanent rearwardly

directed curl permanently set into the edges of the main panel.

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