July 1, 1952 F. J. SCHIPPERT 2,601,740

MANNEQUIN OR DISPLAY FIGURE

Filed May 29, 1948 2 SHEETS—SHEET 1

FIG. 1

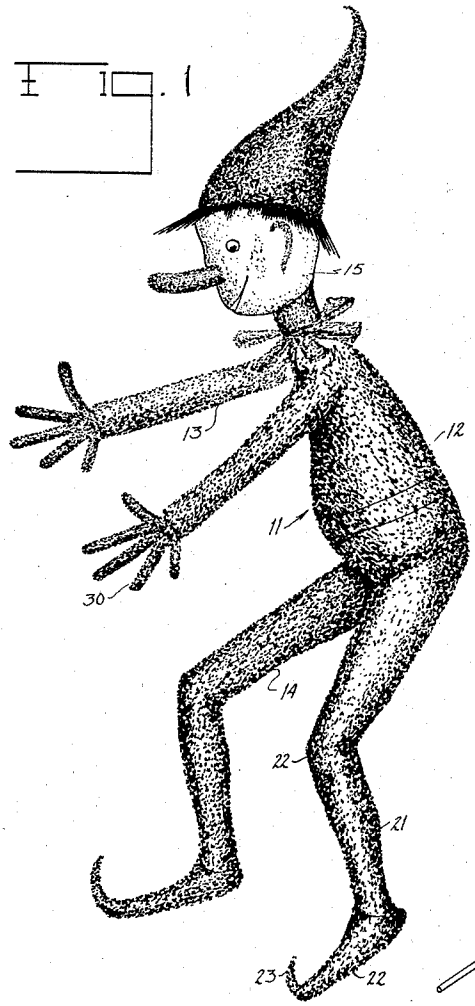


FIG. 2

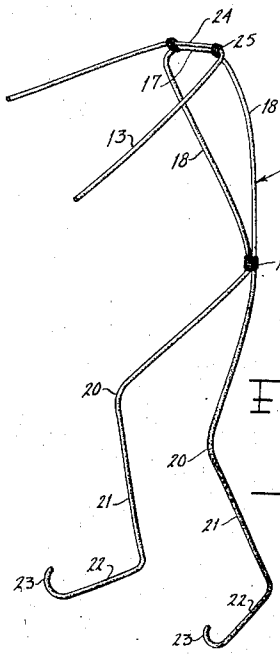


FIG. 3

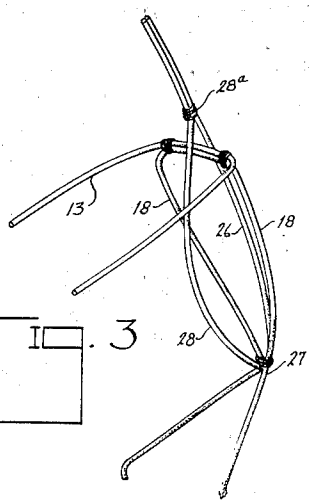
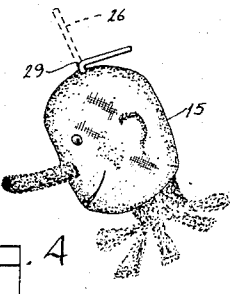


FIG. 4



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MANNEQUIN OR DISPLAY FIGURE

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FIG. 5

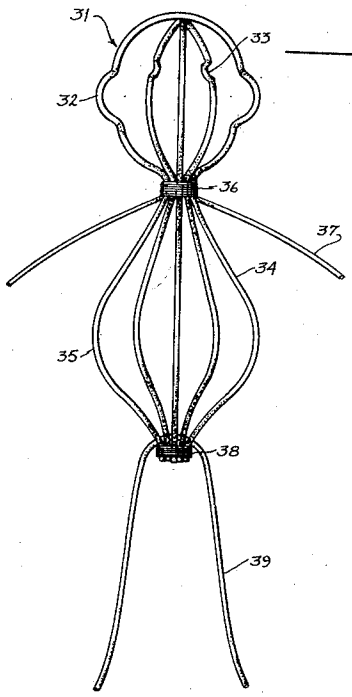


FIG. 6

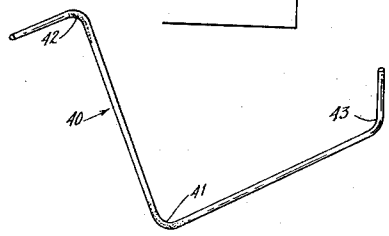


FIG. 7

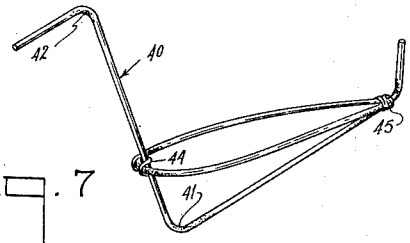
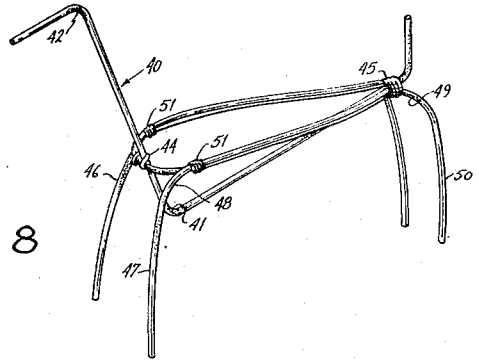


FIG. 8



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MANNEQUIN OR DISPLAY FIGURE

Florence Joan Schippert, Philadelphia, Pa.

Application May 29, 1948, Serial No. 30,164

2 Claims. (Cl. 46—156)

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This invention relates in general to mannequins, toys, display figures and the like, and more particularly to a novel simplified construction of such articles.

The principal object of the invention is to provide an improved mannequin or other article, of the general type indicated, by simplified means affording the widest latitude in the way of realistic, artistic and fanciful creations simulating animals, human beings, birds and creatures of various sorts.

A particular object is the provision of display figures, toys, etc., of tampico brush material, and particularly adapted to be easily bent and shaped into various configurations and postures for display, amusement, decorations, etc.

The present construction particularly contemplates a mode of manufacturing articles, of the kind above indicated, using, as the basic material, tampico brushes, as they are called in the trade, which consists of fibrous or bristle material secured to wire. By manipulating the tampico material, the configuration and posture of the completed mannequin figures, etc., can be instantly changed, while the product itself is not susceptible to accidental breakage with ordinary handling.

Other objects and advantages of the novel design will appear more fully in the details hereinafter set forth and will be best understood by reference to the accompanying drawings, wherein:

Figure 1 is a perspective view of a mannequin or toy embodying the invention;

Figure 2 is a diagrammatic depiction of the basic framework or wire skeleton of the article shown in Figure 1, and with the fibrous material omitted;

Figure 3 is a view similar to Figure 2 and showing a further or progressive development of the body portion of the article, and with the arms attached;

Figure 4 is a perspective view of the papier-mâché head of the figure, and showing the mode of securing same to the torso of the completed article;

Figure 5 is a diagrammatic representation of a framework of a display figure or mannequin of a different configuration and showing the manner in which the component parts of the article are developed and secured together;

Figure 6 is a diagrammatic view of a strand of tampico brush material bent to provide the initial outline or structural component of an animal, such as a dog;

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Figure 7 is a view similar to Figure 6, and showing a further step in the development and construction of the same article; and

Figure 8 is a view similar to Figure 7, and showing a still further step in the development of the figure.

Referring now to the figures in detail, the numeral 11 designates generally a completed mannequin, as depicted in Figure 1, and comprising a body 12, arms 13, legs 14 and a turnable, papier-mâché head 15.

The progressive construction of the figure may be ascertained by inspection and comparison of Figures 2 and 3, from which it will be observed that the legs and body are formed of a single piece or strand of tampico brush material which is essentially composed of a wire center wound to retain somewhat coarse fibres or bristles thereto. These bristles are preferably the product of the Piassava Palm which is known in the trade as "Tampico." The fibrous or bristle material, it is to be understood, has been omitted in Figures 2 to 8 inclusive for clarity of illustration.

Again referring to Figure 2, a single strand of wire 16 is folded upon itself, as at 17, to provide substantially similar portions 18, each of which is inclined into an area or point of contact and thereat secured by a bag-tie 19, of wire or other suitable fastening. The portions or strands 18 which serve as a body framework, after passing through the fastening 19 are inclined downwardly and forwardly and bent, as at 20, to provide knees, and then again downwardly, as at 21, to form leg or calf portions, and again forwardly, as at 22, to form foot portions having tapered toe sections, as at 23. The arms 13 of the figure, it will be observed, are formed of a single strand of tampico material folded upon itself, as at 24, to provide a U-shaped member which is secured to the upper part of the body portion by the wire or string bag-ties 25. Progressive development of the mannequin, as shown in Fig. 3, now includes the provision of a plurality of folded strands or loops of tampico brush material 26 which are wound over or about the body portion from the crotch, as at 27, in sufficient number to develop a somewhat flared or enlarged abdominal portion 28. The actual configuration arrived at is depicted in Fig. 1. The loops 26 are closed by bag-ties 28a.

In further accordance with the invention, the head 15 is preformed of papier-mâché and rotatably accommodates one or more of the upper ends of the strands 26, after the bristles have been clipped therefrom and then bent, as at 29, to

secure the said head. It will be observed, that the head 15, by this mode of construction, may be turned or tilted with ease to any desired degree or angle. I have also found it convenient to merely insert a plurality of unclipped strands of the tampico material within the hollow head of the material and then allow same to expand therein which, it will be understood, will effectively retain the head to the body portion at the neck thereof.

The finger 30 at the end of the arms 13 are formed of strands of tampico material from which the bristles have been clipped to the degree requisite to simulate the natural shape or size in proportion to the rest of the figure. The tapered effect of the shoes or feet 22, and the contour of the calves 21, is quickly obtained by passing a hair clipper over the areas desired, and after the parts are approximately in the completed form shown in Fig. 1.

In Fig. 5, a somewhat modified form of the invention is depicted, so far as the provision of a figure of a different design is concerned. In this figure or mannequin, a head 31 is provided which is formed of a plurality of individual strands of sections of the above-mentioned tampico material outwardly extruded or bulged, as at 32, to provide ears; and intended, as at 33, to provide eyes. The head 31, in the instant form, is unitary with the body portion 34 which is flared, as at 35, to provide a prominent abdomen. The body portion 34 is joined to the head by a neck portion provided by a bag-tie winding of string or wire, as at 36. The bag-tie 36, also secures a pair of arms 37 to the said neck portion, the said arms being formed of a single strand of the tampico. The strands of the body 34 are secured at their adjacent lower ends by a crotch-forming bag-tie 38, the latter in addition, securing the legs 39 formed of one tampico strand and folded over the said bag-tie 38. Here again, the material, it is to be understood, has been illustrated as strands of wire from which the fibrous material has been clipped or removed for clarity of illustration.

Referring to Figures 6, 7 and 8, the progressive development of a figure, such as a dog, is depicted. The initial development of the figure begins with the provision of a strand of tampico material 40 which is bent at substantially midpoint, as at 41, then at a forward or upper end 42, and then at a rearward end, as at 43. The upper end portion of the strand 40 in the further development of the figure will provide a head, as for example, that of a fox terrier and the lower end portion will provide the tail. In Fig. 7 the progressive development of the body portion of the figure is illustrated, as it is formed, by the addition of a strand of the tampico material folded upon itself and tied, as at 44, about the forward portion of the material 40, and again tied together at its ends by a bag-tie 45 adjacent the rearward end 43 or at the tail portion. The front and rear legs of the figure are now formed by a pair of strands of tampico material 46, 47 bent, as at 48, to provide depending front legs and again, as at 49, to provide hind legs 50. These last-mentioned strands are secured to the body portion of the figure by the bag-tie 45 and bag-ties 51.

It will be understood that in all cases the strands of tampico incorporate sufficient material or bristles to develop the component parts of the body, arms, legs, etc., to achieve a realistic depiction of the design intended. For production purposes, I have found it convenient to form the tampico material by the provision of a plurality of strands of wire arranged longitudinally and in separated parallelism and then entwine same one upon the other with tampico bristles therebetween. The brush thus completed forms the basic material for the creation of the figures. The bag-tie material, referred to above, is preferably flexible wire which is applied and wound about the various joined or contacting points of the figure, as described hereinbefore. It will be further understood that the tampico material may be precolored, in order to afford the most striking and artistic results and, although, I have found tampico material best serves the objectives indicated, it will be understood, that bristles or fibrous material having similar characteristics could be employed without departing from the spirit of the invention.

While a preferred embodiment of the invention has been set forth, it is to be understood that it is not to be limited to the exact construction or process illustrated and described, because this is susceptible to some modification and change in carrying the invention into practice within the purview of the appended claims.

What I claim is:

1. A display figure simulating an animal comprising a single strand of fibrous material bent to provide a unitary head, neck, body and tail portion, a U-shaped strand of fibrous material having the bend of the U secured to said neck and the free ends of the sides of the U secured to said body substantially at the joinder of the tail thereto, and additional single strands of fibrous material bent to provide front and rear legs and secured to the sides of said U-shaped strand.

2. A display figure simulating an animal comprising a first single strand of fibrous material bent to provide a unitary head, neck, body and tail portion, a second U-shaped strand of fibrous material having the bend of the U secured to said neck and the free ends of the sides of the U secured to said body substantially at the joinder of the tail thereto, a third single strand of fibrous material bent to form a first front leg and a first rear leg and secured to one side of said second U-shaped strand, and a fourth single strand of fibrous material bent to form a second front leg and a second rear leg and secured to the other side of said second U-shaped strand.

FLORENCE JOAN SCHIPPERT.

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