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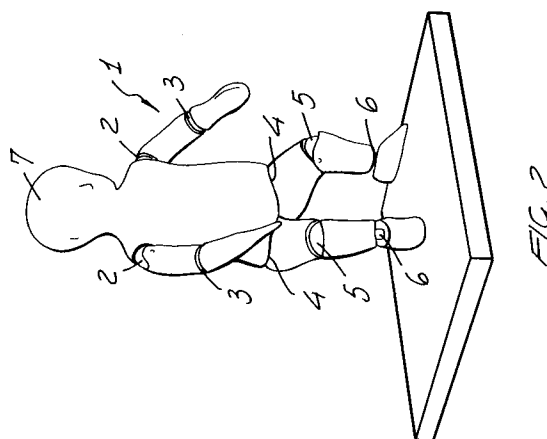
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(54) **Articulated dress form, particularly designed for patterning cloth and hat articles, in general for children and teenagers.**

(57) An articulated dress form construction, specifically designed for patterning and testing cloth and hat articles for children and teen-agers, characterized in that said dress-form construction is designed and sized based on a plurality of parameters derived from a basic physical configuration, said parameters being processed by computer means, so as to provide mathematic models or patterns adapted to make a plurality of dress-forms meeting said requirements.



BACKGROUND OF THE INVENTION

The present invention relates to a human shape articulated dress form, particularly designed for patterning cloth and hat articles in general for children and teen-agers.

As is known, for properly preparing cloth articles in general, it is necessary to use a dress form reproducing the actual construction or shape of a human body.

At present these dress forms are made according to a very reduced number of morphologic shapes and size.

Accordingly, these prior dress forms do not allow a good evaluation of the cloth article being made, and this in particular with respect to its dressing characteristics.

SUMMARY OF THE INVENTION

Accordingly, the aim of the present invention is to overcome the above mentioned problems, by providing an articulated dress form construction, which reproduces a plurality of physical shapes and size of a child or teen-ager, so as to allow the possibility of testing and monitoring the proper dressing characteristics of cloth articles in general such as T-shirts, pull-over, trousers, jackets and the like, specifically provided to be worn by children and teen-agers.

Within the scope of the above mentioned aim, a main object of the present invention is to provide such a dress-form construction which is very reliable and safe in operation and which can be specifically used for patterning and testing hat articles for children and teen-agers.

According to one aspect of the present invention, the above mentioned aim and objects, as well as yet other objects, which will become more apparent hereinafter, are achieved by an articulated dress-form construction, specifically designed for patterning and testing cloth and hat articles for children and teen-agers, characterized in that said dress-form construction is designed and sized based on a plurality of parameters derived from a basic physical configuration, said parameters being processed by computer means, so as to provide mathematic models or patterns adapted to make a plurality of dress forms meeting said requirements.

BRIEF DESCRIPTION OF THE DRAWINGS

Further characteristics and advantages of the present invention will become more apparent from the following detailed disclosure of a preferred, though not exclusive, embodiment of an articulated dress-form construction reproducing the body of a child, and being illustrated, by way of an indicative, but not limitative, example, in the accompanying

drawings, where:

Figure 1 is a side perspective view of the articulated dress form construction according to the present invention; and

Figure 2 is a front perspective view of that same dress form construction.

DESCRIPTION OF THE PREFERRED EMBODIMENT

With reference to the number references of the figures of the accompanying drawings, the subject articulated dress form construction, particularly designed for patterning and testing child and teen-ager cloth and hat articles, which has been indicated generally at the reference number 1, has been specifically designed depending on a plurality of parameters, derived from a basic physical configuration.

More specifically, the specific value assigned to this basic configuration, is defined depending on the specific types, size and shapes of the children and teen-agers, which types can be classified as regular, robust, long-limbed and the like.

This value is processed through parameters deriving from the height and size of the child and teen-ager.

More precisely, the processing of the above mentioned parameters is performed by a computer and, accordingly, the result will be a series of weighed averaged values which will allow to make several different dress forms faithfully corresponding to the several physical configurations.

The thus made dress forms will have a height from 60 to 170 centimeters and will be provided with suitable articulated elements, in particular at the shoulders 2, the elbows 3, the hip regions 4, the knees 5 and feet 6.

Owing to the provision of these articulated elements, it will be possible to subject each individual dress form to natural movements, thereby perfectly monitoring the dressing characteristics of the cloth articles in general.

Moreover, since each dress form is provided with a head portion 7, in the embodiments thereof up to a height of 118 centimeters, it will be possible to pattern and test several types of hats.

From the above disclosure it should be apparent that the invention fully achieves the intended aim and objects.

The fact is moreover to be pointed out that the storing of the above mentioned data will afford the possibility to immediately recognizing the construction of a dress form corresponding to the physical configuration of a child, owing to the storing, as stated, of the above defined type or configuration values or parameters.

The invention as disclosed is susceptible to several variations and modifications all of which will

come within the scope of the inventive idea.

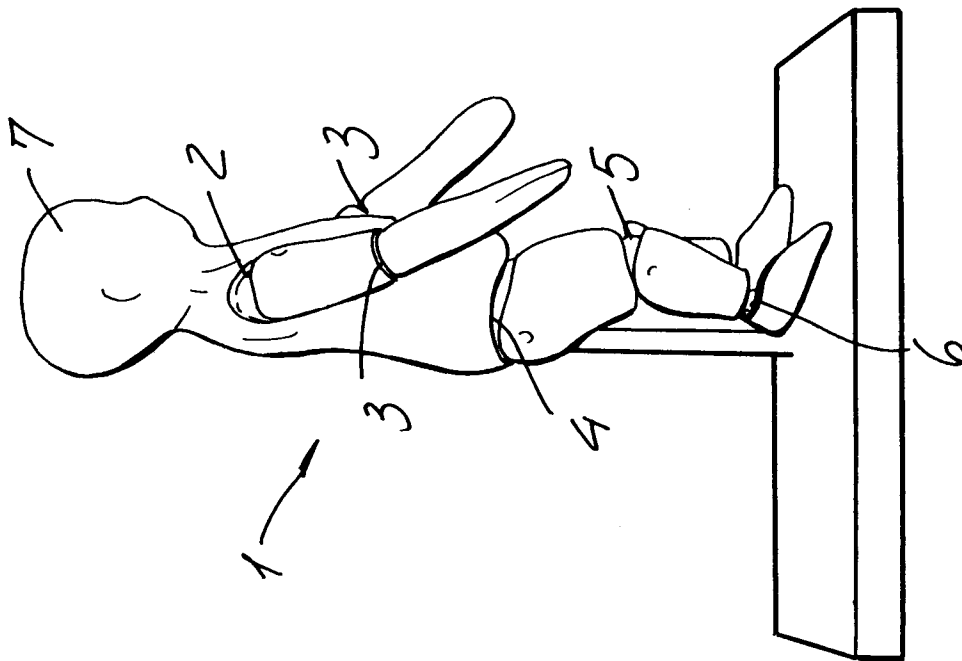
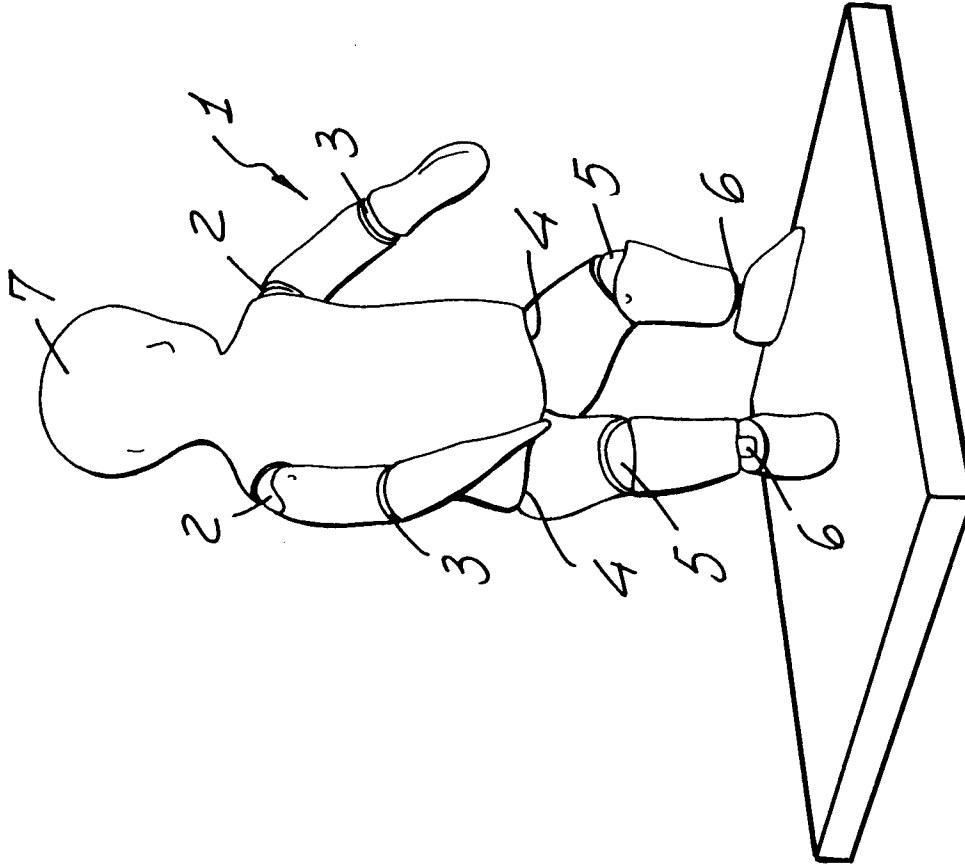
Moreover, all of the details can be replaced by other technically equivalent elements.

In practicing the invention, the used materials, provided that they are compatible to the intended use, as well as the size and shapes thereof can be any, depending on requirements. 5

Claims 10

1. An articulated dress-form construction, specifically designed for patterning and testing cloth and hat articles for children and teen-agers, characterized in that said dress-form construction is designed and sized based on a plurality of parameters derived from a basic physical configuration, said parameters being processed by computer means, so as to provide mathematic models or patterns adapted to make a plurality of dress-forms meeting said requirements. 15 20
2. An articulated dress-form construction, according to the preceding claim, characterized in that the specific value assigned to said basic physical configuration is defined depending on different types of children and teen-agers, that is regular, robust, long-limbed types and the like. 25
3. An articulated dress-form construction, according to one or more of the preceding claims, characterized in that said value is processed by means of data derived from the height and size of the child or teen-ager. 30 35
4. An articulated dress-form construction, according to one or more of the preceding claims, characterized in that said processing of said parameters by computer means provides a result consisting of a series of weighed averaged values adapted to allow to make several types of dress-forms faithfully corresponding to several different physical configurations. 40
5. An articulated dress-form construction, according to one or more of the preceding claims, characterized in that said dress-forms have a height from 60 to 170 centimeters, and are provided with a head portion up to a height of 118 centimeters, and with articulated elements in particular at the shoulders, elbows, hip regions, knees and feet thereof. 45 50

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EUROPEAN SEARCH REPORT

Application Number
EP 94 83 0087

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	US-A-4 885 844 (J. H. CHUN) * column 7, line 65 - column 9, line 49; figures 1-14 *	1	A41H5/00
A	EP-A-0 524 119 (TELMAT INFORMATIQUE E.U.R.L.) * column 2, line 20 - column 6, line 42; figures 1-5 *	1	
A	FR-A-958 402 (G. DURUP DE BALEINE) * the whole document *	5	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			A41H A47F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18 October 1994	Examiner Garnier, F
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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