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(54) Improved doll producing catarrh simulating effects

(57) It has the particularity that it allows the emitting of elongated bodies (8) which simulate nasal secretions, through the nasal fossas of the nose (7) when the doll is in vertical position thanks to the action of a plastic body which has a metallic counterweight (11), being it possible to move the tongue (13) by means of a pacifier, a feeding bottle nipple or a toy thermometer of the adequate size. The doll can also make sounds resembling sneezing and weeping when a push button (5) located at the belly is grazed or air is introduced inside the doll by external means such as a toy syringe through the holes (2) located at several spots of the doll, such as the arms (6) or the buttocks.

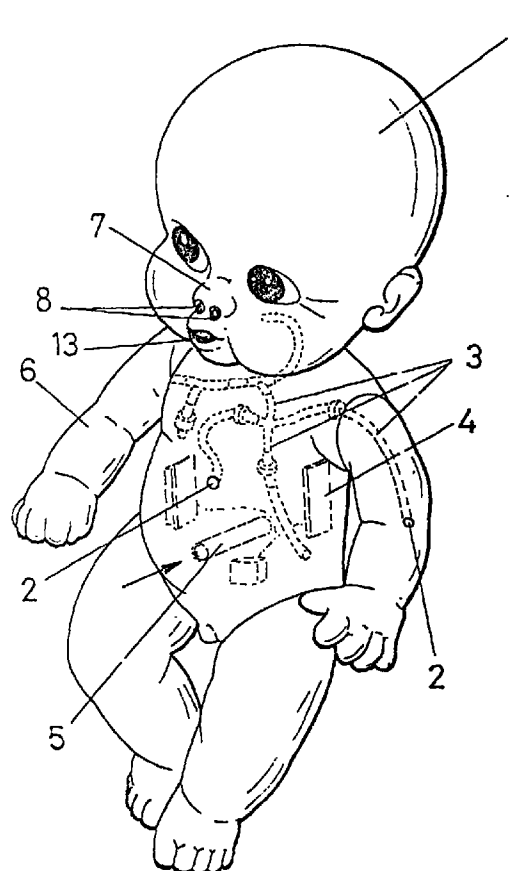


FIG-1

EP 0 950 428 A2

Description

SUBJECT MATTER OF THE INVENTION

[0001] The present description refers to a Utility Model application, pertaining to an improved doll producing catarrh simulating effects, which being formed from the body of a conventional, flexible material doll, having a body fitted with upper and lower limbs, when it is moved forward two bodies which resemble mucousity or "snuffs" emerge out of its nasal fossas, which will immediately disappear when the doll goes back to the horizontal position, thanks to the incorporation of a counterweight which acts as a connection moving the elements which emerge out of the snuffs, and having the particularity that it makes sounds depending on the pressure which is exerted on one of its arms, and has perforations at different sites on its body which being internally connected by means of flexible material ducts allow that, when an air stream goes through them during a predetermined amount of time, the doll makes a weeping sound when the sound device existing inside of it starts due to the air stream introduced. Also the doll has the peculiarity that it is connected on the inside to a very sensitive pressure sensor, which makes sounds imitating sneezes by means of a sound device set on the back of the doll.

SCOPE OF THE INVENTION

[0002] This invention has its application in the industry devoted to the manufacture of toys, specially dolls.

DESCRIPTION OF THE INVENTION

[0003] The improved doll producing catarrh simulating effects that the invention proposes, is in itself an sensible novelty in its field of application, specifically in the field of dolls utilised by infant users, having the sensibly novel characteristic of producing the emission of mucous through its nasal fossas due to simplified movements, and making the sounds corresponding to weeping or sneezes, both due to the pressure which can be generated on the belly of the doll figure, or else by the introduction of an air stream inside the body of the doll, with the aid of any element which propels the same, such as a syringe, which aided by a piston, generates the introduction of air, being the internal circuit connected to a bellows located in the internal area of the mouth, which when being pushed by the aid of a pacifier or the like, causes the starting of the device connected to the circuit, which circuit can also be activated by pressing one of the arms of the doll, also generating the making of sound comprising crying, sneezes, etc., similar if it is considered pertinent to the activation carried out of the conventional switch included inside of the belly area, being the sound emitting device fed by batteries inserted inside of the doll, having a loudspeaker

board on the rear.

[0004] More specifically, the improved doll producing catarrh simulating effects subject matter of the invention, is formed by the body of a doll manufactured in flexible material, which has inside of the head of the doll itself, a transversally positioned base at the nose, duly clamped, fitted with a counterweight, joined to the two emerging bodies interconnected to the nasal holes or fossas, which due to the movement done to the head of the doll, manages that the protuberances forming the mucous simulating bodies or mucosities exit outside, showing the doll the appearance of having a cold.

[0005] The body of the doll internally has a circuit of flexible ducts, duly connected to the perforations existing in a variable number on the surface of the body of the said doll, and which depending on the pertinent operation of introducing air into this circuit, shall generate the starting of a sound device, which shall be in operation and emitting sounds, such as sneezes or crying, depending on the duration of the air stream which activates the device, comprising the ducts acting jointly with the battery supplied sound emitter.

[0006] The doll has a transversal rod at the navel, which is equipped with a sensor, which acting as a push button shall start a sound emitter, which shall emit sneezes, by the mere pressing of the user upon the external area.

[0007] Also the internal air activated circuit shall start due to the pressure which can be exerted on one of the upper limbs of the doll, which thanks to their flexibility, and being connected to the circuit by means of a duct, shall also activate the emitter during the time in which it is acting thanks to the air.

[0008] Lastly, it should be indicated that, the existence of a body in the shape of a tongue which emerges outside has been foreseen inside the mouth, connected by means of a bellows which when at rest, shall be completely extended, and the doll will partially stick out its tongue, and when the pacifier, nipple of the nursing bottle or the like, even the tip of a thermometer are introduced into the mouth, the tongue, by being pushed backward, will make the bellows let out its air contents, which being connected to the circuit, will start the sound device.

DESCRIPTION OF THE DRAWINGS

[0009] In order to complement the description which is being carried out and to help to a better understanding of the characteristics of the invention, the present description has two sheets of planes attached, being an integral part of the former, and where with a merely illustrative and not limiting purpose the following has been represented:

Figure number 1.- Shows a view in perspective from the front, of the subject matter of the invention, pertaining to an improved doll producing catarrh

simulating effects, being it possible to see, in this graphical representation, the circuit of ducts which exists inside the doll, connected at several sites to areas enabled to generate air streams or allow the introduction of air streams into the circuit which start the sound device.

Figure number 2.- shows a view in elevation of the back of the object represented in figure number 1, being it possible to see in this graphic representation one of the perforations foreseen in order to allow the introduction of air into the inside circuit of the doll, by means of any element suited to carry out the introduction, as well as the loudspeaker board.

Figure number 3.- shows a view in section of the back side of the head, in order to see the inside of the same, the mechanisms corresponding to the projection of mucous out the nose, and the element which is driven by means of a bellows in order to start the sound device located inside, thanks to the channels onto which the bellows is connected.

Figure 4.- shows a view of the side elevation view duly sectioned of the object represented in figure number 3.

PREFERRED EMBODIMENT OF THE INVENTION

[0010] In view of these figures, it can be observed that the improved doll producing catarrh simulating effects which is preconised, is formed by a body manufactured in flexible material, which has a counterweight in the inside of the head and positioned at the nose, duly held in place by conventional means and thanks to a base (12), onto which said counterweight (11) is transversally housed, which, when the head and the body of the doll (1) are moved, will make two protuberances (8) set at the counterweight (11) emerge out the nasal fossas of the nose (7) of the doll (1).

[0011] Also, as can be seen in figure number 4, in the mouth of the doll (1), there is a bellows (14), connected at the end to the inside of a protuberance (13) which resembles the tongue of the doll (1), while on the opposite side the bellows (14), it is connected to a channel (3), connected in turn to the general circuit, which together with the sound device, will make the later start, while the air stream supply persists, which air stream can also activate the sound device, due to the pressure exerted on an arm (6), which being manufactured in a naturally flexible material, will generate an air stream inside the circuit (3) which will start the sound device.

[0012] The invention has on the surface of the body of the doll (1) several perforations (2), which due to the introduction of an piece adequate in order to generate the inlet of an amount of air inside the circuit (3), such as a syringe, will also start the sound emitting device.

[0013] It should be pointed out that the tongue (13), can be moved by means of a pacifier of the adequate size, nipple of a feeding bottle, end of a toy thermome-

ter, etc.

[0014] The invention has a push button (5), found at the belly and transversally located inside the body of the doll (1), said switch by being merely grazed from the outside of the body of the doll, shall make sounds comprising sneezes or the like, audible, as those of the circuit (3) which activates the sound device by means of a board (9), located at the central area of the back of the doll (1).

[0015] In summary, the invention is constituted by a doll which simulates having a cold, has the particularity of allowing the projection of bodies (8), which resemble nasal secretions, through the nasal fossas of the nose (7), thanks to the counterweight (11) set to the bodies (8) and held on a base (12), or else making different sounds by the prior acting of a sound device, located inside which is started by the introduction of air into the circuit (3), by means of a bellows (14) located inside the mouth of the head of the doll (1), or else by the introduction of an air stream through the perforations (2), pressure upon the limb (6), and being it also possible to make a sound which resembles sneezes by means of the push button (5).

[0016] It is not considered necessary to make this description more extensive in order for any expert in the matter to understand the scope of the invention and the advantages derived from it.

[0017] The materials, shape, size and arrangement of the elements will be subject to variation, as long as they do not entail a variation of the essentials of the invention.

[0018] The terms in which this description has been carried out should always be regarded in a broad and not limiting sense.

Claims

1. Improved doll producing catarrh simulating effects, of those being formed from a flexible material body, characterised in that inside of the head of the doll there is a plastic material element which holds a metallic element, which when moving pushes two elongated bodies which partially emerge through the nasal fossas of the doll when it is placed in vertical position, having the dolls its tongue enabled for movement to the outside, and having a sound device which imitates sneezes and crying, having on the inside and coinciding with the belly, an elongated body of a cylindrical shape which connected as an acoustic emitter is configured as a sensor which starts the acoustic sneeze emitter by grazing or pressure on its surface, being it also possible to start the acoustic emitter by pressing on one of its arms or by introducing and air stream by means of a conventional object, through the perforations existing at different sites of the body of the doll, such as the legs, breasts and buttocks.

2. Improved doll producing catarrh simulating effects according to the first claim, characterised in that inside the body of the doll, and coinciding with the perforations, there are plastic material bodies having a cylindrical protuberance of dimensions similar to the perforations existing in the body of the doll, receiving through the same the air stream introduced by conventional means, which goes through the flexible plastic material channels which are interconnected, starting the emitting device simulating crying sounds for a predetermined time.
3. Improved doll producing catarrh simulating effects according to the above claims, characterised in that at the inside end of the arm which activates the sound device, there is a piece which receives the air stream produced by the pressure on the arm, of a similar configuration to those interconnected to the perforations, through which the air stream is received, also starting the sound device.
4. Improved doll producing catarrh simulating effects according to the above claims, characterised in that the flexible material duct circuit incorporated inside the body of the doll which generates the starting of the sound device, which is fitted with no-return valves, driving the air stream towards the area where the starting of the acoustic emitter takes place.

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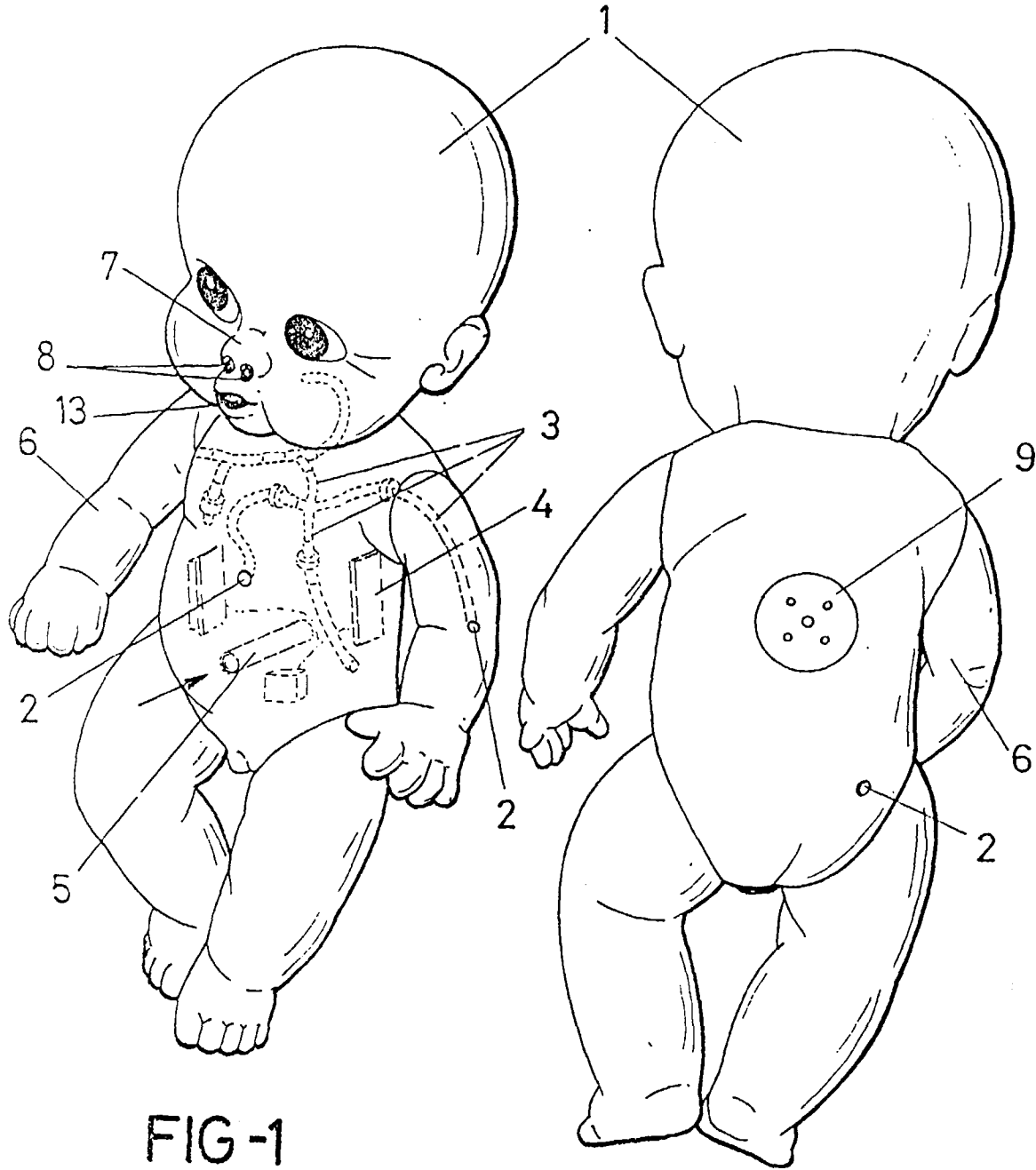


FIG-1

FIG-2

