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(71) Applicant: **Rodriguez Martinez, S.C.**
03440 Ibi, Alicante (ES)

(72) Inventor: **Rodriguez Ferre, José Manuel**
03440 IBI (Alicante) (ES)

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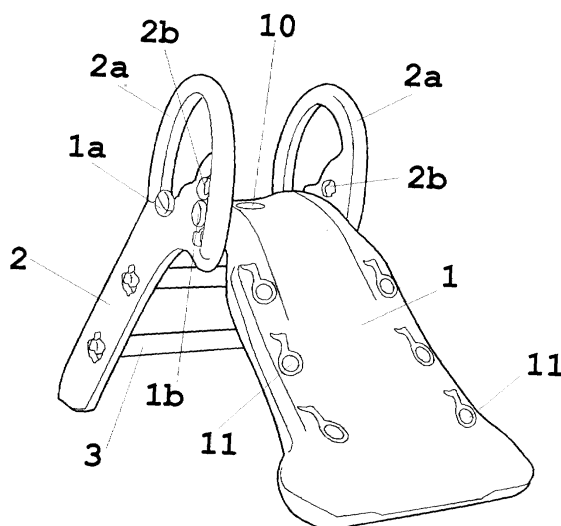
(74) Representative: **Canadell-Isern, Roberto**
Travesera de Gracia 30, 1 C
08021 Barcelona (ES)

(54) **Child's slide**

(57) CHILD'S SLIDE, composed of plastic material parts that are easily assembled, consisting of a ramp (1) constituting the slide as such and two sides (2) between which steps (3) are fitted, which together with said sides form the stairs of the slide. These sides (2) have some handles (2a) on their upper part that, next to their back internal ends, have housings on which stubs (1a) are fastened by turning. These stubs project from both sides of the upper part of the ramp (1), permitting the slide to be folded, whilst on the opposite zone of said sides, next

to the other inside end of the handles (2a), are facing orifice columns (2b) fitted with lateral T-shaped projections (1b) that stick out of both sides of the ramp (1) and permit graduating the position and height of the slide. Fastening is made by a certain turn and assembly of the steps (3) has been provided by means of T-shaped projections in the steps that are suitable to be received in holes (2c) combined with said projections, which have been made facing each other along both sides (2) (Figure 7).

Fig. 7



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Description**PURPOSE**

[0001] The purpose of this request for a Patent is a child's slide that provides for the function for which it is intended various advantages to be detailed later on, apart from others inherent to its organization and constitution.

HISTORY

[0002] At present there are numerous models of slides on the market, which are made up of a ramp accessible on its upper part by means of stairs and protective handrails. The majority of these slides are installed permanently in parks and gardens.

DESCRIPTION OF THE INVENTION

[0003] The child's slide, purpose of this invention, is made up of plastic material parts, easily assembled, so that said slide can be installed in any place, with the peculiarity of being foldable and of having an erection system that gives it different heights, usually based on the age of the children using it. It also has an electrical circuit able to produce musical and luminous effects.

[0004] This slide is composed of a ramp and two sides between which steps are fitted, thus constituting, together with said sides, the stairs giving access to the upper part of the slide's ramp.

[0005] On both sides of the upper part of this ramp there are some stubs received in housings of the upper part of the sides that permit folding the slide. These sides have handles on the upper part next to which there are some T-shaped orifice columns that alternately receive side projections of the ramp. The position and height of the slide are predetermined and fastening is ensured by a certain turn amongst the assembled parts.

[0006] Along these sides there are facing T-shaped orifices able to receive ends pertaining to the mentioned steps and fastening is made by turning said steps.

[0007] Likewise, near the end of the lower part of the ramp there is a small box that has a loudspeaker, a switch and an accessible lid on its external face to permit the installation of batteries to feed the electrical circuit supplying acoustic and luminous effects, in such a way that lights are installed on both sides of the ramp whilst a switch has been provided on the upper part. When this comes into contact with the child's body it activates said circuit and provides music and lights.

[0008] In order to complement the description which follows and to help with a better understanding of the characteristics of the invention, this descriptive report includes a set of drawings in which the most significant details are represented in an illustrative but not limiting way.

BRIEF DESCRIPTION OF THE DRAWINGS**[0009]**

Figures 1, 2 and 3 show erection views of the child's slide purpose of the invention.

Figures 4 and 5 shows views where the housing of the batteries feeding the electrical circuit are indicated.

Figure 6 shows a front view of the mounted slide, where the activation of its acoustic and luminous effects is indicated.

Figure 7 shows a perspective view of the mounted slide.

Figures 8, 9 and 10 shows lateral views of the slide with its different heights.

Figure 11 shows the slide's electrical circuit.

PERFORMANCE EXAMPLE DESCRIPTION OF THE INVENTION

[0010] In view of the figures commented above and in accordance with the numbering used, a performance example of the invention can be seen. This consists of a child's slide, made up of plastic material parts that are easily assembled, which are composed of a ramp -1- constituting the slide as such, and two sides -2- between which some steps -3- are fitted. These, together with said sides, form the stairs of the slide.

[0011] These sides -2- have some handles -2a- on their upper part that, next to their back internal ends, have housings on which stubs -1a- are attached by turning. The stubs project from both sides of the upper part of the ramp -1-, permitting the slide to be folded, whilst on the opposite zone of said sides, next to the other inside end of the handles -2a-, are facing orifice columns -2b- fitted with lateral T-shaped projections that stick out of both sides of the ramp and permit graduating the position and height of the slide (figures 1 and 2).

[0012] This performance example shows three positions that determine three different heights of the slide (figures 8, 9 and 10), according to the facing orifices -1b- of the sides -1-, which alternately receive said T-shaped projections by means of turning.

[0013] Figure 3 shows assembly of the steps -3- by means of T-shaped end projections -3a- that penetrate orifices -2c- combined with the former, which have been made facing each other along both sides -2-.

[0014] In the same figure 3 the location of a small box -4- installed by screws is indicated, near the end of the lower part of the ramp -1-. It houses an integrated circuit -5-, represented in figure 11, whilst the outside face of said small box has a loudspeaker -6-, a switch -7- and an accessible lid -8- revealing a housing for batteries -9- that feed the integrated circuit -5-.

[0015] Said integrated circuit -5- is operated by means of a button -10- located on the upper part of the slide that, on being pressed by the body of the child who

is going to slide down the ramp -1-, activates the lights -11- and issues melodies through the loudspeaker -6-. These are connected to the mentioned integrated circuit -5- as indicated in figure 11.

[0016] Therefore, this invention constitutes a musical and luminous slide that, apart from being foldable, can be assembled at different heights. 5

Claims

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1. CHILD'S SLIDE, **characterized by** the fact that it is composed of plastic material parts that are easily assembled, consisting of a ramp (1) constituting the slide as such, and two sides (2) between which steps (3) are fitted, which together with said sides form the stairs of the slide. These sides (2) have some handles (2a) on their upper part that, next to their back internal ends, have housings on which stubs (1a) are fastened by turning. These stubs project from both sides of the upper part of the ramp (1), permitting the slide to be folded, whilst on the opposite zone of said sides, next to the other inside end of the handles (2a), are facing orifice columns (2b) fitted with lateral T-shaped projections (1b) that stick out of both sides of the ramp (1) and permit graduating the position and height of the slide. Fastening is made by a certain turn and assembly of the steps (3) has been provided by means of T-shaped projections in the steps that are suitable to be received in holes (2c) combined with said projections, which have been made facing each other along both sides (2). 15 20 25 30
2. CHILD'S SLIDE, according to claim 1, **characterized by** the fact that on the lower part of the ramp (1) there is a small box (4) housing an integrated circuit (5). The outside face of said small box has a loudspeaker (6), a switch (7) and an accessible lid (8) revealing a housing for batteries (9) that feed the integrated circuit (5). This is activated by means of a button located on the upper part of the slide, so that when said button (10) is pressed by the child's body, the lights (11) located on both sides of the ramp (1) are activated and melodies are emitted through the loudspeaker (6), both of which are connected to the mentioned integrated circuit (5). 35 40 45

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Fig.1

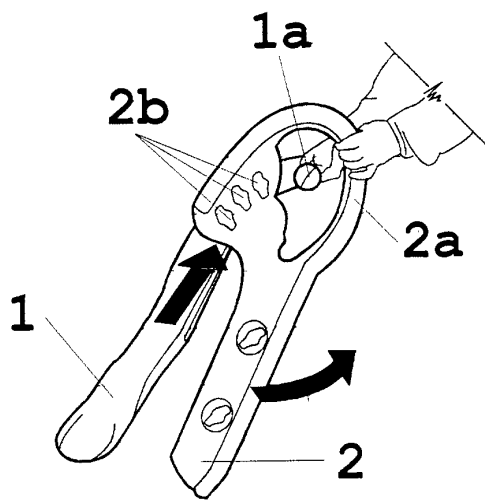


Fig.2

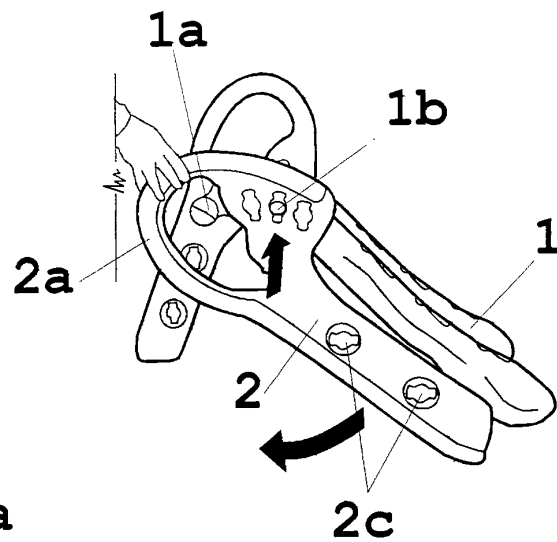


Fig.3

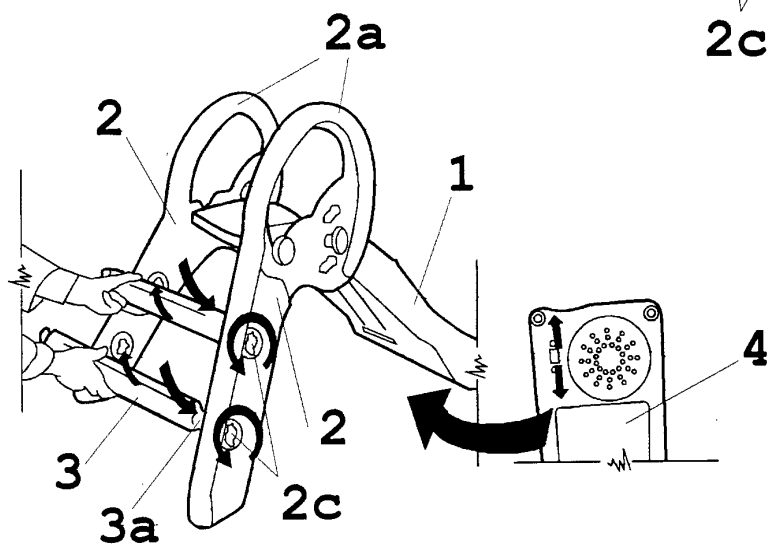


Fig. 4

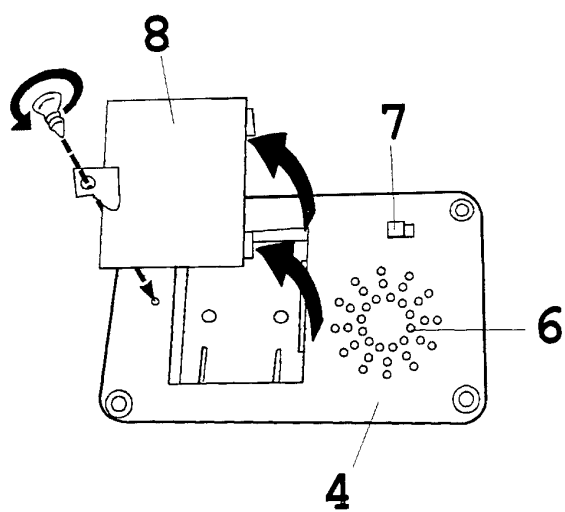


Fig. 5

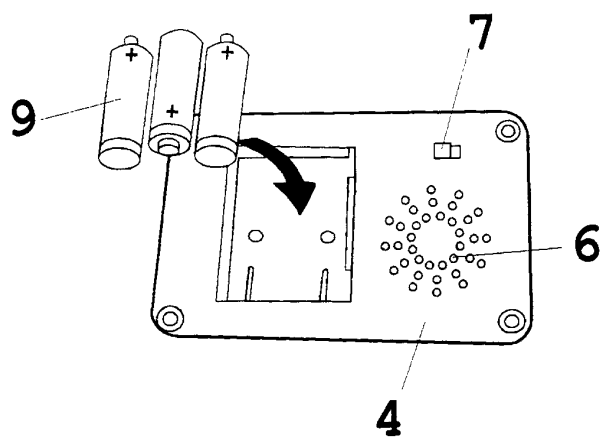


Fig. 6

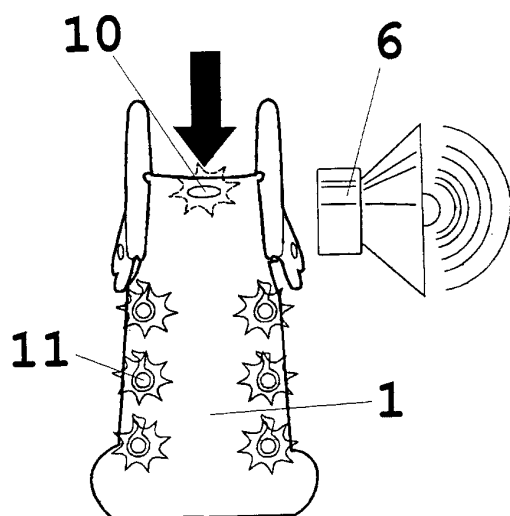


Fig. 7

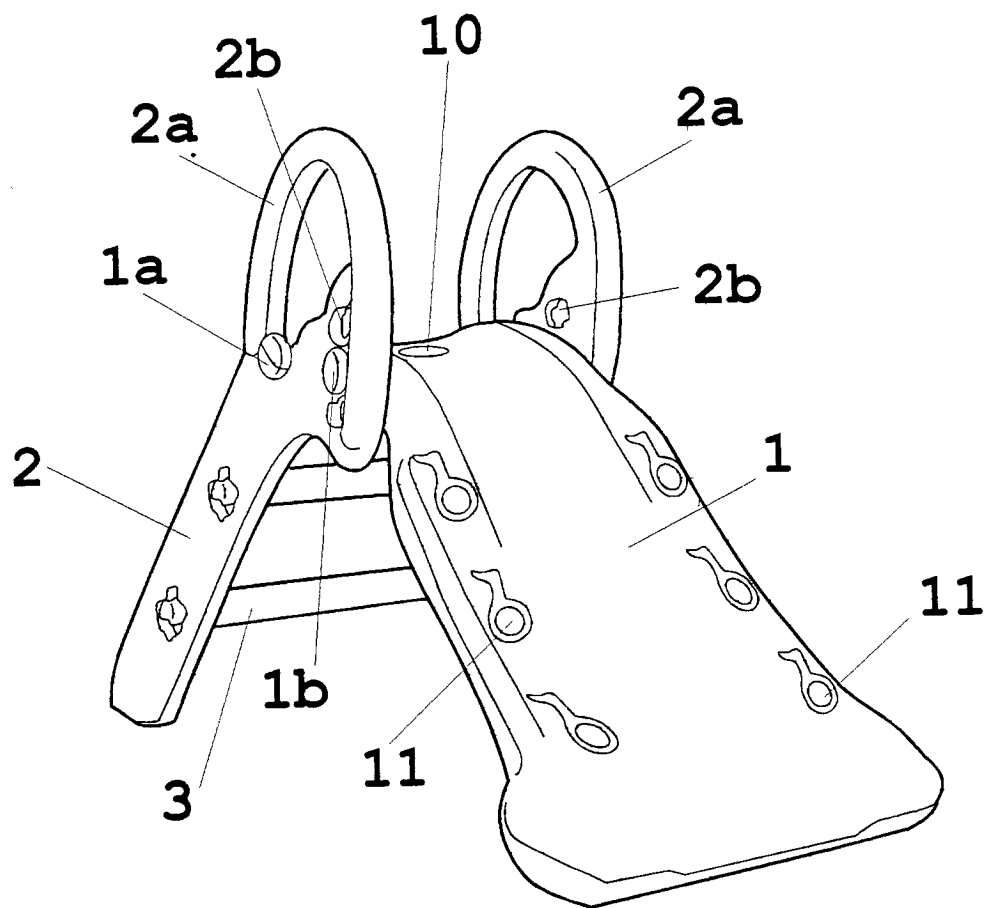


Fig. 8

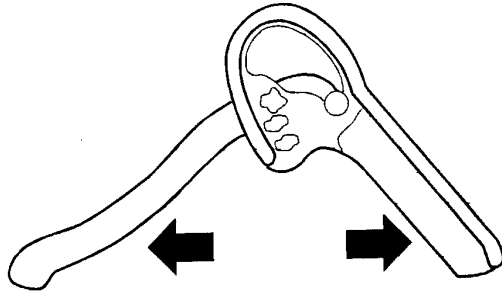


Fig. 9

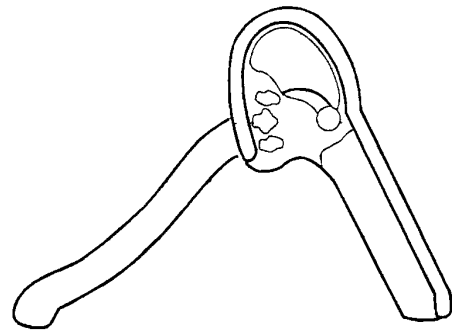


Fig. 10

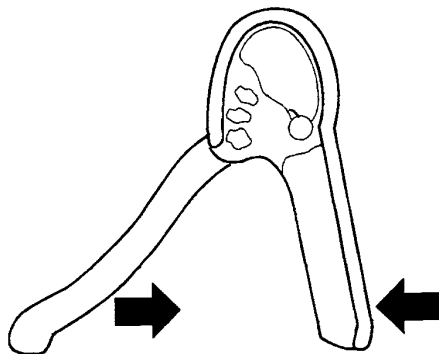


Fig. 11

