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(54) **EMUNATIONAL ANIMAL**

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(57) **ABSTRACT**

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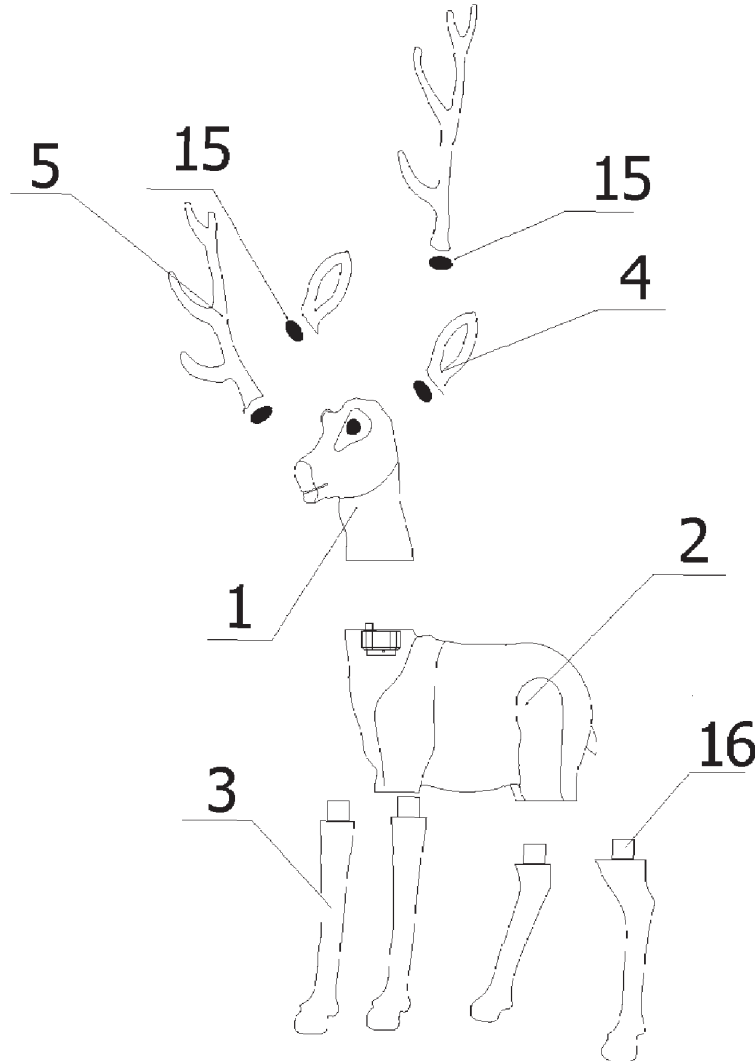
The present invention discloses an emulational animal, including a head, torso, the four limbs and ears. The said head and torso are connected via a transmission device that includes a fitting case, a motor, a crank, a connecting rod, a connecting port and a connecting cap. The said fitting case is fixed inside the torso. The said motor is fixed at the bottom of the fitting case, and connected with a crank. The said crank is connected with a connecting rod. The other end of the said connecting rod is connected with the bottom of a connecting port. A sleeve tube is fixed at the bottom of the said connecting port. The said sleeve tube is threadly connected with a cylindrical tube. A projecting block is fixed at the top of the connecting port. The projecting block is adapted with a connecting cap fixed at the lower end of the animal's head.

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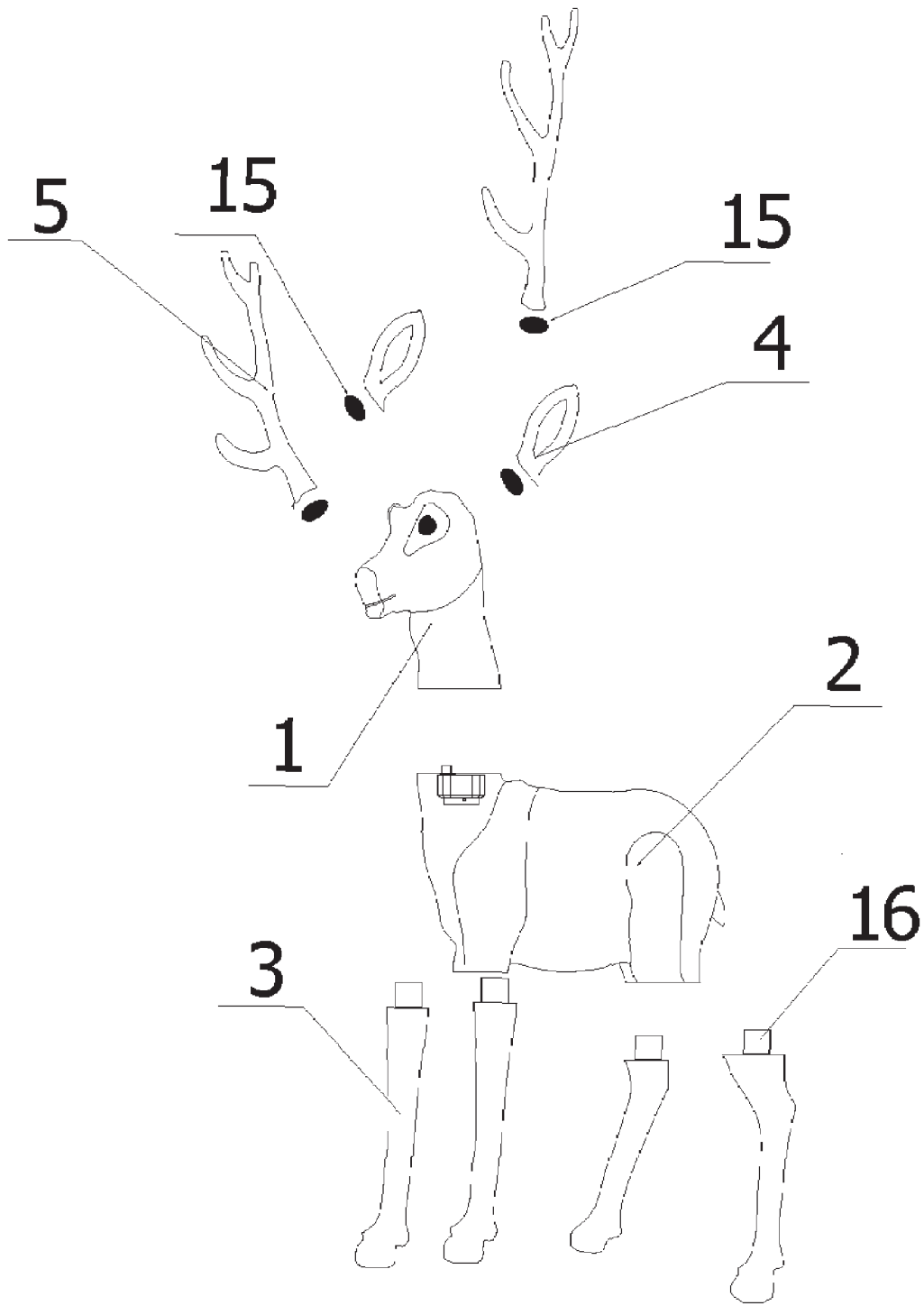


Figure 1

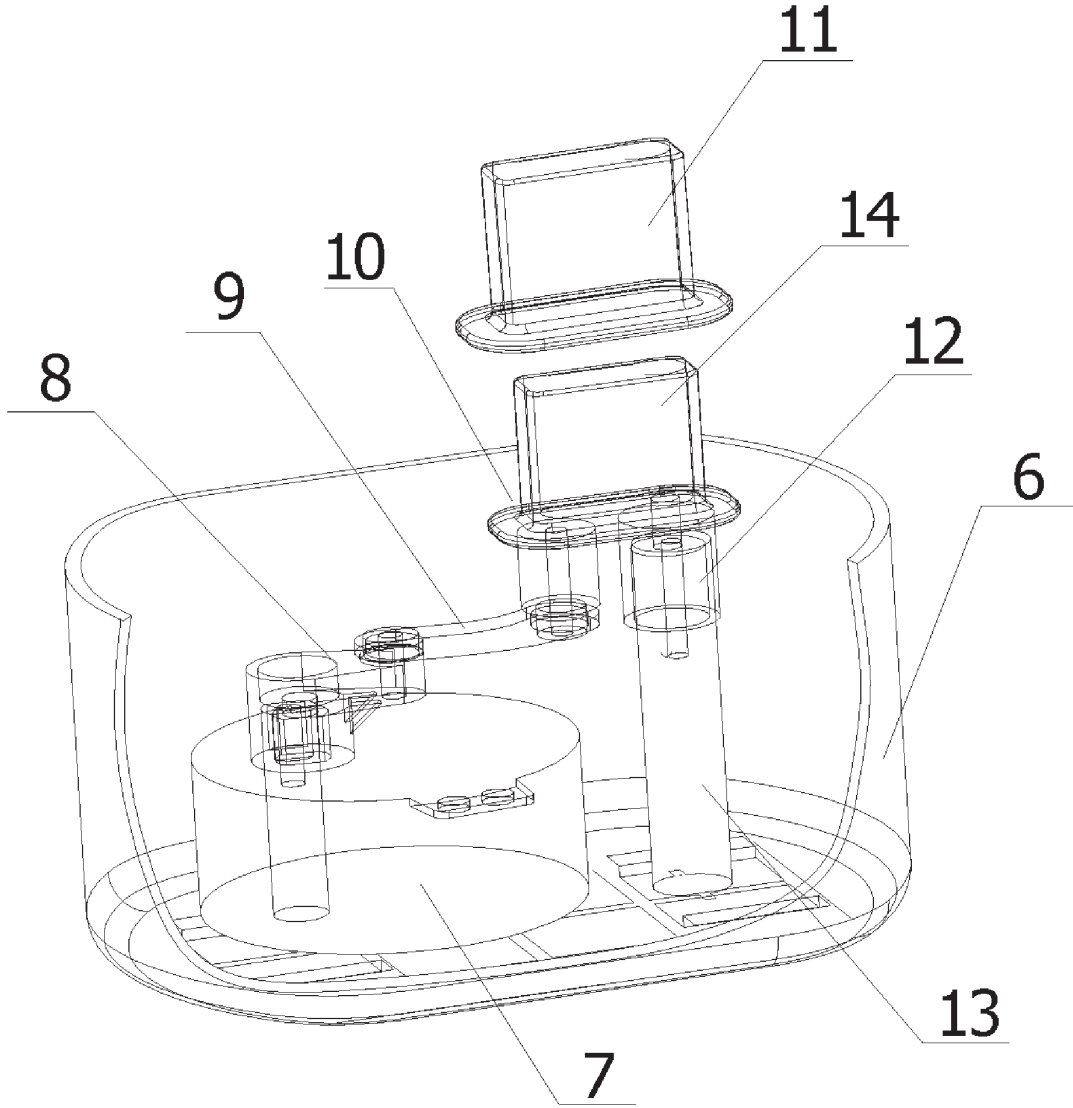


Figure 2

EMUNATIONAL ANIMAL

TECHNICAL FIELD

[0001] The present invention relates to a toy, particularly an emunational animal.

TECHNICAL BACKGROUND

[0002] The motion of the head of an existing emunational animal is activated by a transmission device comprising of a motor, an eccentric wheel and a connecting rod. A blocking rod is fixed at both sides of the eccentric wheel so that the motor can rotate clockwise and anti-clockwise to activate the motion of the head accordingly. However, the device may often cause the failure of the motor, and the motion of the emunational animal is neither stable nor lifelike. Therefore an improvement on the transmission device is needed to overcome the above shortcoming.

DETAILED DESCRIPTION

[0003] The object of the present invention is to provide an emunational animal with lifelike head motion.

[0004] The technical scheme to achieve the object of the present invention is described hereunder.

[0005] An emunational animal, includes a head, torso, the four limbs and ears. The said head and torso are connected via a transmission device that includes a fitting case, a motor, a crank, a connecting rod, a connecting port and a connecting cap. The said fitting case is fixed inside the torso. The said motor is fixed at the bottom of the fitting case, and connected with a crank. The said crank is connected with a connecting rod. The other end of the said connecting rod is connected with the bottom of a connecting port. A sleeve tube is fixed at the bottom of the said connecting port. The said sleeve tube is threadly connected with a cylindrical tube. A projecting block is fixed at the top of the connecting port. The projecting block is adapted with a connecting cap fixed at the lower end of the animal's head.

[0006] The ears and the four limbs of the emunational animal are disassemble.

[0007] The ears are connected with the head via magnet(s).

[0008] The said four limbs are connected with the torso with a plug-in part. The skin of the emunational animal are covered with polyester hair. The disassemble horns are connected with the head via magnet(s). According to the present invention, a motor drives a crank to rotate. The crank drives the connecting rod for a repeated to-and-fro movement. The connecting rod drives the connecting cap to move in a 90° angle. The connecting cap further drives the animal's head to move. According to the present invention, the motion of the animal's head is vivid and lifelike.

FIGURES

[0009] FIG. 1 is the exploding view of the invention

[0010] FIG. 2 is the structural view of the transmission device

PREFERRED EMBODIMENT

[0011] The invention is further illustrated hereunder with a preferred embodiment and figures.

[0012] As shown in FIGS. 1 and 2, an emunational animal, a emunational deer in this embodiment, includes a head (1), a torso (2), the four limbs (3), ears (4) and horns

(5). The said head (1) and torso (2) are connected via a transmission device that includes a fitting case (6), a motor (7), a crank (8), a connecting rod (9), a connecting port (10) and a connecting cap (11). The said fitting case (6) is fixed inside the torso (2). The said motor (7) is fixed at the bottom of the fitting case (6), and connected with a crank (8). The said crank (8) is connected with a connecting rod (9). The other end of the said connecting rod (9) is connected with the bottom of a connecting port (10). A sleeve tube (12) is fixed at the bottom of the said connecting port (10). The said sleeve tube (12) is threadly connected with a cylindrical tube (13). A projecting block (14) is fixed at the top of the connecting port (10). The projecting block (14) is adapted with a connecting cap (11) fixed at the lower end of the animal's head.

[0013] The ears and the four limbs of the emunational animal are disassemble.

[0014] The ears are connected with the head via magnet(s) (15).

[0015] The said four limbs are connected with the torso with a plug-in part (16). The disassemble horns are connected with the head via magnet(s). The skin of the emunational animal is covered with polyester hair so that the animal is more vivid and lifelike.

[0016] The present invention is not limited to an emunational deer. It can be other wide or captive animals, like a horse, cow, goat, bear or a tiger.

1. An emunational animal, including a head, torso, the four limbs and ears, characterizes in that the said head and torso are connected via a transmission device that includes a fitting case, a motor, a crank, a connecting rod, a connecting port and a connecting cap. The said fitting case is fixed inside the torso. The said motor is fixed at the bottom of the fitting case, and connected with a crank. The said crank is connected with a connecting rod. The other end of the said connecting rod is connected with the bottom of a connecting port. A sleeve tube is fixed at the bottom of the said connecting port. The said sleeve tube is threadly connected with a cylindrical tube. A projecting block is fixed at the top of the connecting port. The projecting block is adapted with a connecting cap fixed at the lower end of the animal's head.

2. An emunational animal according to claim 1, characterizes in that the ears and the four limbs of the emunational animal are disassemble.

3. An emunational animal according to claim 2, characterizes in that the said ears are connected with the head via magnet(s).

4. An emunational animal according to claim 2, characterizes in that the said four limbs are connected with the torso with a plug-in part.

5. An emunational animal according to claim 1, characterizes in that disassemble horns are connected with the animal's head.

6. An emunational animal according to claim 1, characterizes in that the said horns are connected with the head via magnet(s).

7. An emunational animal according to claim 1, characterizes in that the skin of the emunational animal is covered with polyester hair.

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