

(12) United States Patent **Toyoda**

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(54) ROBOT CONTROL DEVICE, ROBOT CONTROL METHOD AND STORAGE **MEDIUM**

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Assignee: Sonv Corporation, Tokyo (JP)

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U.S.C. 154(b) by 0 days.

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(51)	Int. Cl. ⁷		 H02K 7/14
(52)	U.S. Cl.		 2; 700/259;
` ′			424/200

446/279, 280, 298, 299, 330; 381/110; 700/258, 259; 901/46, 47; 434/308; 463/35,

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(57)**ABSTRACT**

A robot control device for controlling a robot having a substantial entertainment value is disclosed. A sensor signal processor recognizes the voice of a user, sets an association between the voice recognition result and an action of the robot, and registers the association in a behavior association table of a behavior association table memory. A behavior decision unit decides which action for the robot to take based on the behavior association table.

8 Claims, 9 Drawing Sheets

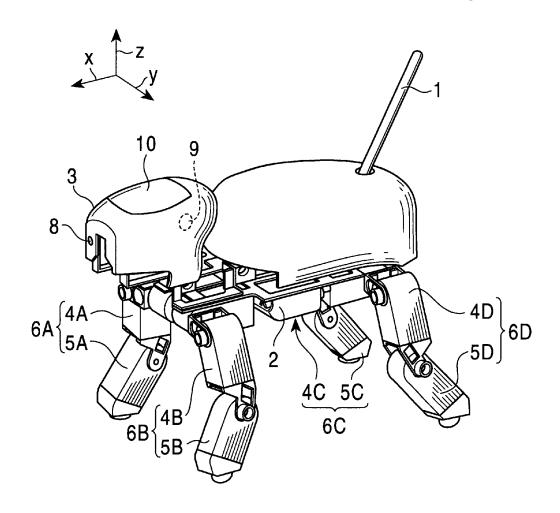




FIG. 1

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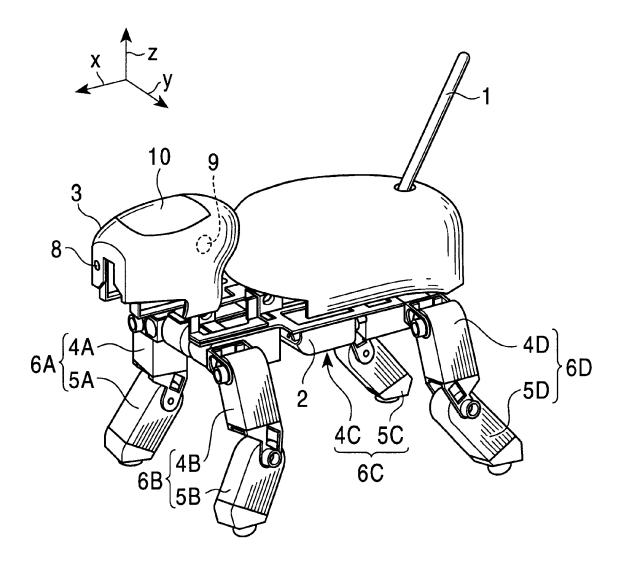




FIG. 2

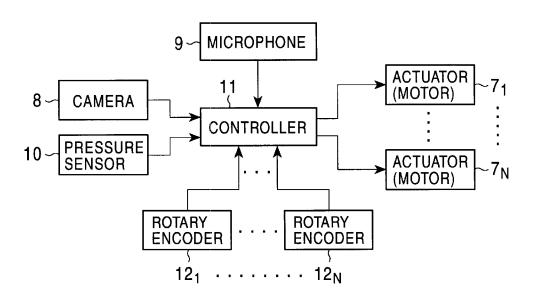


FIG. 3

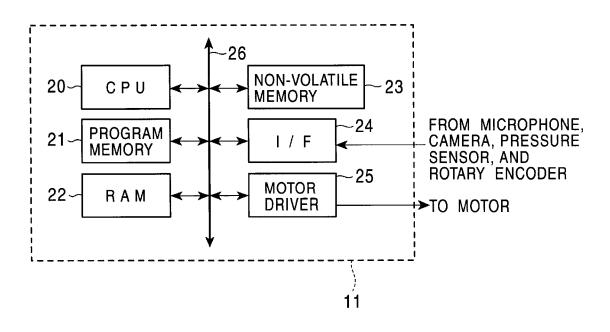




FIG. 4

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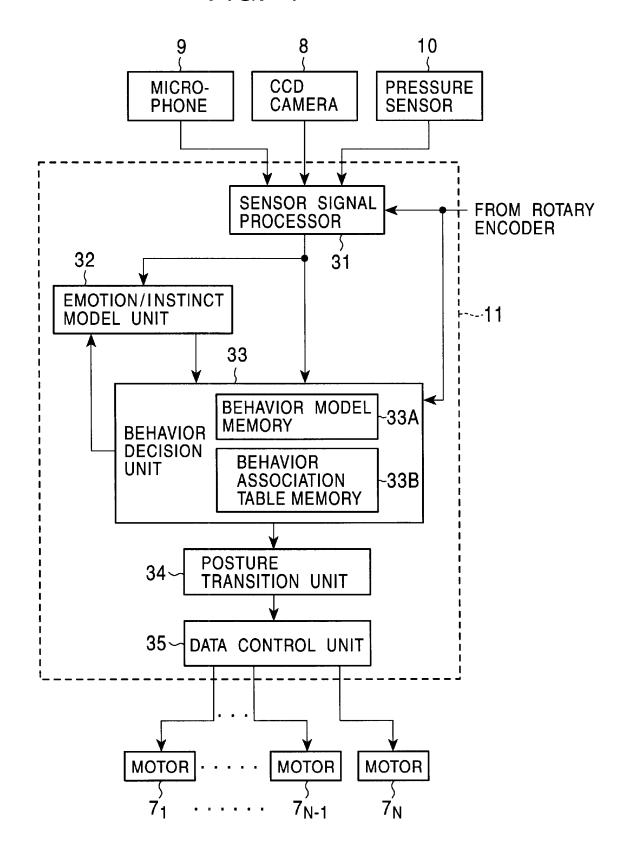




FIG. 5

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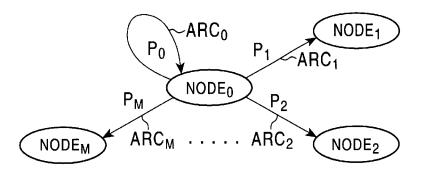


FIG. 6

BEHAV- IOR WORDS	WALKING FORWARD	LOOKING UP	BITING		HAND- SHAKING	
HEY	10	0	20		0	
COME HERE	60	0	0		0	
SHAKE HANDS	0	20	0		70	
	:			:		••••

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