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1. A. Name of conveying parties: [1] Hidenori TANAK. [2] Takamasa OGAT. [3] Tetsuya KUBOTA B. Additional name(s) of conveying 3. A. Nature of conveyance: □ Assignment □ □ Security Agreement □ □ Other □ B. Execution Date: [1&2] June 26, 2013	A g party(ies) attached? ☐ Yes ☒ No Merger Change of Name	KAWA 1-1, H CHUC HYOC	address of receiving ASAKI JUKO KABUSHIKI IGASHIKAW 3-CHOME, -KU, KOBE-S GO 650-8670 J. I name(s) & address(compress)	GYO KAISHA ASAKI-CHO SHI, APAN			
4. A. Patent Application No. 13/977,272 B. Patent No.(s) Additional numbers attached? ☐ Yes ☒ No C. Title of Application: METHOD OF CONTROLLING SEVEN-AXIS ARTICULATED ROBOT, CONTROL PROGRAM, AND ROBOT CONTROL DEVICE							
5. Name and address of party to whom concerning document should be maile Name: James A. Oliff Address: OLIFF & BERRIDGE, P.O. Box 320856 Alexandria, VA 2232 Phone Number: 703-836 Fax Number: 703-836 Email: email@oliff.	nd: PLC 0 0-4850 36-6400 6-2787	7. Please char total fee (37) 8. Credit any over	rge Deposit Accourage Terms of the second of	Int No. 15-0461 the amount of \$40.00.			
9. Statement and signature. To the best of my knowledge and believe original document. James A. Oliff, Registration No. 27,0 Roane T. Noel, Registration No. 83,0 Todd M. Guise, Registration No. 46,7	75 04		d any attached copy i	s a true copy of the			

PATENT REEL: 031031 FRAME: 0716

ASSIGNMENT

	Insert	(1)	Hidenori TANAKA	(2)	Takamasa OGATA	daced.
(1-8)	Legal Name(s)	(3)	Tetsuya KUBOTA	(4)		
	of Inventor(s)	(5)		(6)		
		(7)		(8)		
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to				
(9)	Insert Name of Assignee	(9)	(9) KAWASAKI JUKOGYO KABUSHIKI KAISHA			
(10)	Insert Address of Assignee	(10)	(10) 1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 650-8670 Japan			
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. § 100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as				
(11)	Insert Identification	(11)	METHOD OF CONTROLL	.ING SEVEN-AXIS	ARTICULATED ROBOT, CON	TROL
` '	such as Title, Case Number, or Foreign Application Number	PROGRAM, AND ROBOT CONTROL DEVICE				
		(Attor	ney Docket No. 158045), f	iled on even date herewith or as	
(12)	Alternative	(12)	U.S. Application Number	13/977,272		. P. Philippedia de la constanta de la constan
	Identification for			1		
	filed applications	filed	August 1, 2013			E

1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the infention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any fulfiller identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	June 27. 2013	Inventor Signature	Hideki Tanaka	(SEAL)
Date	June 27, 20/3	Inventor Signature	/akamasalgate	(SEAL)
Date	June 26, 2013	Inventor Signature	Tetsuya Kubota	(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature	· · · · · · · · · · · · · · · · · · ·	(SEAL)
Date		Inventor Signature		(SEAL)

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