Mail Stop: Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450		RECORDATION FORM PATENTS C	
Ale	xanuria, VA 22515-1450		Attorney Docket No. 147304
	ase record the attached document.	eet, attachments, and docum	nent: <u>2</u>
1.	A. Name of conveying parties: [1] Yuji TSUCHIYA [2] Noritaka YATSUY B. Additional name(s) of conveying		2. A. Name and address of receiving parties: [1] DENSO CORPORATION 1-1, SHOWA-CHO, KARIYA-CITY, AICHI-PREF, 448-8661 JAPAN [2] DENSO WAVE INCORPORATED 4-2-12, TORANOMON, MINATO-KU, TOKYO 105-0001 JAPAN
3.	A. Nature of conveyance: Assignment Security Agreement Other B. Execution Date: 1. October 2. October 28, 2010	Merger Change of Name	B. Additional name(s) & address(es) attached? □Yes ☑ No
4.	A. Patent Application No. 29/3	78,742	B. Patent No.(s)
		Additional numbers attac	ched? 🗌 Yes 🛭 No
	C. Title of Application: <u>IND</u>	<u>USTRIAL ROBOT</u>	
5.	Name and address of party to whon concerning document should be ma	n correspondence niled:	6. Total number of applications and patents involved: 1
	Name: James A. Oliff		7. Please charge Deposit Account No. 15-0461 total fee (37 CFR 3.41) in the amount of \$40.00.
	Address: OLIFF & BERRIDGE, P.O. Box 32085 Alexandria, VA 2 Phone Number: 703-8 Fax Number: 703-83	0 2320-4850 36-6400	Credit any overpayment or charge any underpayment to deposit account number 15-0461.
	,		
9.	Statement and signature. To the best of my knowledge and coriginal document. James A. Oliff, Registration No. 2 Justin T. Lingard, Registration No.	7,075	ntibn is true and correct and any attached copy is a true copy of the Date: November 9, 2010

PATENT REEL: 025302 FRAME: 0720

Date

ASSIGNMENT (Two Assignees)

		(1)	Yuji TSUCHTYA	,	[/] (4)	
	*		Noritaka YATSUYA		···	
(1-8)	Insert Name(s) of Inventor(s)	(3)	14011979 14100 143	- M. J. P. J. B. J. B. S. J.		
	of inventor(s)	(5)			_ (0)	
		to each	In consideration of the sur of the undersigned, each under			valuable consideration paid ssign, transfer and set over to
(9A)	Insert Name of First Assignee	(9A)	DENSO CORPORATION	٧	•	
(10A)	Inserf Address of First Assignee	(10A)	1-1, Showa-cho, Kariya-city,	Aichi-pref, 448-	8661 Japan .	7
(9B)	Insert Name of Second Assignee	(9B)	DENSO WAVE INCORPOR	ATED /	`	
(10B)	Insert Address of Second Assignee	(10B)	4-2-12, Toranomon, Minato-	ku, Tokyo 105-0		ı
		represe §100, i provisi and all	after designated as the Assign ntatives, the entire right, title n the invention, and in all app onal, divisional, continuation, Letters Patent, extensions, rei on known as	and interest for t lications for par- international, co	the United States of Ame ent including any and all onfirmation, substitute a	arica as defined in 35 U.S.C. provisional, non- nd reissue application(s),
(11)	Insert Identification.	(11)	INDUSTRIAL ROBOT			
	such as Title, Case Number or Foreign		M0000000000000000000000000000000000000			
	Application Number	Attomo	by Docket No. 147304			· · · · · · · · · · · · · · · · · · ·
	4		ch the undersigned has (have) of te herewith or	xecuted an appli	cation for patent in the U	nited States of America on
(12)	Insert Date of Signing of	(12)	processing the same of the sam			
	Application	ón	October 27, 2010			>−1,80.90 (((AA
(13)	Alternative	(13)	U.S. Application Serial			
()	Identification for	Number		29/378,74	12	
	filed applications	filed _	November 9, 2010			
patents applicat possible provisio a grant Patents entire in agreeme	1) Each undersigned agrees to tions for the invention, and any paras the Assignees may deem necessary. 2) Each undersigned agrees to tion or continuation or division the in obtaining evidence and going. 3) Each undersigned agrees to the International Convention of the International Convention of a valid United States patent to the State undersigned authorizes of the United States resulting from the state and covenants that he has sents in conflict herewith, and agree in conflict herewith, and agree in conflict herewith, and agree in Each undersigned hereby gone cessary or desirable in order to the time of the states whereof, executed.	stent(s) issuestry. It execute all ereof, or an forward with the execute all of the execute all execute all execute all execute all execute all execute the execute all execute the execute the execute the execute all execute the e	ing thereon, and also to execut I papers necessary in connectic y patent or reissue application th such interference. I papers and documents and pe- stion of industrial Property or s Il affirmative acts which may b es. ests the Commissioner of the ication or any divisional, conti- convey the entire interest here s assignment is binding on h om of OLIFF & BERRIDGE, FLA the rules of the United States	e separate assigni- m with any interfibased thereon, and rform any act white initial agreement c necessary to ob- U.S. Patent and nuting or reissue at in assigned, and it and his heirs c the power to insi- Patent and Trad- site the undersig-	ments in connection with erence which may be decided to cooperate with the Auch may be necessary in a second maintain or confirm Trademark Office to is applications to the said As that he has not executed, a sect on this assignment an emark Office for recordatinged name(s).	such applications and lared concerning this assignees in every way connection with claims or by reissue or reexamination sue any and all Letters assignees, as Assignees of the and will not execute, any d legal representatives. by further identification that
Date	October 27, 201	10	_ Inventor Signature	Juji	Juckiya	(SEAL)
Date			Inventor Signature			(SEAL)
Date			Inventor Signature	Noritaka Yats	uya	(SEAL)
Date			Inventor Signature			(\$EAL)
Date			_ Inventor Signature			(SEAL)
Date	-		_ Inventor Signature			(SEAL)
then it s	This assignment should preferal hould be signed before at least tw	o witnesses	who also sign here:	within the U.S.A	A. (b) a U.S. Consul if ou	side the U.S.A. If neither,
Date	October 27	20/0	• Witness			

Witness
Witness PATENT
REEL: 025302 FRAME: 0721

P. 3

ASSIGNMENT (Two Assignees)

		(I)	Yuji TSUCHIYA	(4)		
(1-8)	Insert Name(s) of Inventor(s)	(2)	Noritaka YATSUYA			
		(3)				
	•	to each			good and valuable consideration paid y does assign, transfer and set over to	
(9A)	Insert Name of First Assiguee	(9A)	DENSO CORPORATION			
(10A)	Insert Address of First Assignee Insert Name of Second Assignee Insert Address of Second Aksignee	(10A)	1-1, Showa-cho, Kariya-city,	Aichi-pref, 448-8661 Japan		
(9B)		(9B)	DENSO WAYE INCORPOR	ATED		
(10 B)		(10B)	4-2-12, Toranomon, Minato-ku, Tokyo 105-0001 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, confirmation, 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)	INDUSTRIAL ROBOT			
	such as Title, Case Number or Forcign Application Number	Attorn	ey Docket No. 147304	,		
			ch the undersigned has (have) e te herewith or	xecuted an application for patent	in the United States of America on	
(12)	Insert Date of Signing of	(12) on	October 29, 2010	r		
	Application	OAL .			,	
(13)	Alternative	(13) Number	U.S. Application Serial	29/378,742		
	Identification for filed applications	filed l	November 9, 2010			
patents : applicat	ions for the invention, and any pa as the Assignees may deem neces 2) Each undersigned agrees to ion or continuation or division the in obtaining evidence and going	nent(s) issu sary. o execute al ereof, or an	uing thereon, and also to execute Il papers necessary in connection ly patent or reissue application b	n with any interference which ma	ion with such applications and y be declared concerning this	
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RECORDED: 11/09/2010

Date

Date

October, 28.2010

October: 28. 2010

Witness <u>Hoji Kamiya</u>.
Witness <u>Masatoshi Ko**PATENT**</u>
REEL: 025302 FRAME: 0722