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•	xandria, VA 22313-1450		Attorney Docket No. 145922					
Please record the attached document.  Total number of pages including cover sheet, attachments, and document: 2								
1.	A. Name of conveying parties: (1) Toshifumi YAMAKA (2) Hideto HANADA (3) Kazuhito HAYASHI (4) Masayoshi SUHAMA  B. Additional name(s) of conveying	.WA	2. A. Name and address of receiving party:  TOYOTA JIDOSHA KABUSHIKI KAISHA 1, TOYOTA-CHO TOYOTA-SHI, AICHI-KEN 471-8571 JAPAN					
3.	A. Nature of conveyance:  Assignment  Security Agreement  Other  B. Execution Date: June 4, 2010	Merger Change of Name O-ALL	B. Additional name(s) & address(es) attached?  ☐Yes ☑ No					
4.	A. Patent Application No. 12/810,418  B. Patent No.(s)  Additional numbers attached? ☐ Yes ☒ No  C. Title of Application: MOTOR DRIVE CONTROL DEVICE							
5.	Name and address of party to whom co concerning document should be mailed		6. Total number of applications and patents involved: 1					
	Name: <u>James A. Oliff</u>		7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00.					
	Address: OLIFF & BERRIDGE, PLO P.O. Box 320850 Alexandria, VA 2232 Phone Number: 703-836-2 Fax Number: 703-836-2	20-4850 6400	Credit any overpayment or charge any underpayment to deposit account number 15-0461.					
		<u>.</u>						
9.	Statement and signature. To the best of my knowledge and belie original document.  James A Oriff, Registration No. 27,07 Patrick J. Muffo, Registration No. 60,	75	n is true and correct and any attached copy is a true copy of the  Date: June 24, 2010					

PATENT REEL: 024595 FRAME: 0092

For Non-U.S. Clients

## **Assignment**

Whereas, I/We, Toshifumi YAMAKAWA, Hideto HANADA, Kazuhito HAYASHI and Masayoshi SUHAMA

hereinafter called assignor(s), have invented certain improvements in MOTOR DRIVE CONTROL DEVICE

and executed an application for Letters Patent of the United States of America therefor on June 4, 2010 ; and

Whereas, TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan and

(assignee(s)), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, and all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee(s) in connection with the United States application when called upon to do so by the assignee(s).

I/We hereby authorize and request our attorneys OLIFF & BERRIDGE, PLC of 277 South Washington Street, Suite 500, Alexandria, Virginia 22314 to insert here in parentheses (Application number 12/810,418, filed 6-24-10) the filing date and application number of said application when known.

June 4,	2010	Toshibumi	Tomokana			
		s/ Toshifumi Y.				
June 4,	2010	Hideta	Hanada.			
			DA Hayashi	<i>?-</i>		
						· ·
<del></del>		s/ Masayoshi S	UHAMA			
		s/			35 II S C 8361)	8/07
	June 4, June 4,	June 4, 2010  June 4, 2010  June 4, 112010	s/ Toshifumi Y.  June 4, 2010 S/ Hideo HANA  June 4, 2010 Kazuhito  s/ Kazuhito HA  June 4, 112010 Muyasi  s/ Masayoshi S	June 4, 2010 Kazuhito Hayashi  s/Kazuhito HAYASHI  June 4, 1112010 Masayoshi Suhama.  s/Masayoshi SUHAMA	s/Toshifumi YAMAKAWA  June 4, 2010 Kala Kanada  s/Hideo HANADA  June 4, 2010 Kazuhito Hayashi  s/Kazuhito HAYASHI  June 4, 112010 Muyashi Suhama.  s/ Masayoshi SUHAMA	June 4, 2010 Hideo HANADA  June 4, 2010 Kazuhito Hayashi  s/ Kazuhito HAYASHI  June 4, 122010 Mangohi Suhama.  s/ Masayoshi SUHAMA

PCT/JP2009/051078

RECORDED: 06/24/2010

PATENT REEL: 024595 FRAME: 0093