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1.	A. Name of conveying parties:	2. A. Name and address of receiving party:					
	 Masayasu OHKUBO Yoshito TANAKA Hiroshi NAKAOKA Takayuki YAMAMOTO Tetsuya MIYAZAKI Additional name(s) of conveying party(ics) attached?	TOYOTA JIDOSHA KABUSHIKI KAISHA 1, TOYOTA-CHO, TOYOTA-SHI, AICHI, 471-8571 JAPAN					
3.	A. Nature of conveyance: Assignment	B. Additional name(s) & address(es) attached? ☐ Yes ☑ No					
4.	A. Patent Application No.13/395,320	B. Patent No.(s)					
	Additional numbers attached? Yes No C. Title of Application: HYDRAULIC BRAKE SYSTEM						
5.	Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1					
	concerning document should be mailed: 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, PLC P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787	Credit any overpayment or charge any underpayment to deposit account number 15-0461.					
9.	Statement and signature. To the best of my knowledge and belief, the foregoing informationiginal document. Aames A. Oliff, Registration No. 27,075 Matthew C. Barthalow, Registration No. 60,323	on is true and correct and any attached copy is a true copy of the Date: <u>March 9, 2012</u>					

PATENT REEL: 027847 FRAME: 0210

TSN2010-0951-US-00 DIR100951PUS

ASSIGNMENT

		(1)	Masayasu OHKUBO	(5)	Tetsuya MIYAZAKI		
(1-8)	Insert Name(s) of Inventor(s)	(2)	Yoshito TANAKA	<u>(6)</u>			
		(3)	Hiroshi NAKAOKA				
		(4)	Takayuki YAMAMOTO	(B) _			
					nd other good and valuable considerations paid to assign, and hereby does assign, transfer and set		
(9)	Insert Name of Assignee		TOYOTA IIDOSHA KABUSHIKI KAISHA				
(10)	Insert Address of Assignee	(10)	1, Toyota-cho, Toyota-sbi, AICHI, 471-8571 JAPAN				
			as defined in 35 U.S.C. §100, in the inv	ention, and i	nt, title and interest for the United States of America in all applications for patent including any and all		
(11)	Insert	(11)	as defined in 35 U.S.C. §100, in the inversional, non-provisional, divisional, cor-	ention, and i ntinuation, su			
(11)	Identification of Invention	(11)	as defined in 35 U.S.C. §100, in the inv provisional, non-provisional, divisional, cor Patent, extensions, reissues and reexamin	ention, and i ntinuation, su	in all applications for patent including any and all ibstitute, and reissue application(s), and all Letters		
(11)	Identification		as defined in 35 U.S.C. §100, in the inv provisional, non-provisional, divisional, cor Patent, extensions, reissues and reexamin	rention, and i ntinuation, su ation certifica	in all applications for patent including any and all ibstitute, and reissue application(s), and all Letters		
(11)	Identification of Invention such as Title, Case Number, or Foreign		as defined in 35 U.S.C. §100, in the inv provisional, non-provisional, divisional, cor Patent, extensions, reissues and reexamin HYDRAULIC BRAKE SYSTEM (Attorney Docket No. 1526	ention, and intinuation, su ation certifica	in all applications for patent including any and all ibstitute, and reissue application(s), and all Letters		
(11)	Identification of Invention such as Title, Case Number, or Foreign		as defined in 35 U.S.C. §100, in the inv provisional, non-provisional, divisional, cor Patent, extensions, reissues and reexamin HYDRAULIC BRAKE SYSTEM (Attorney Docket No. 1526 for which the undersigned has (have) executions and the second sec	ention, and intinuation, su ation certifica	in all applications for patent including any and all ubstitute, and reissue application(s), and all Letters ates that may be granted on the invention known as		
	Identification of Invention such as Title, Case Number, or Foreign Application Number Insert Date of Signing of	(12)	as defined in 35 U.S.C. §100, in the inv provisional, non-provisional, divisional, con Patent, extensions, reissues and reexamin HYDRAULIC BRAKE SYSTEM (Attorney Docket No. 1526 for which the undersigned has (have) exect on Feb. 23, 2012	ention, and intinuation, su ation certifica	in all applications for patent including any and all ubstitute, and reissue application(s), and all Letters ates that may be granted on the invention known as		

- 1) The undersigned agree(s) to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) 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) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain, maintain or confirm by relessue or reexamination a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreements in conflict herewith.
- 6) The undersigned hereby grant(s) the firm of OLIFF & BERRIDGE the power to insert on this assignment any further identification which 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	Feb. 23, 2012	Name of Inventor Massayasu Ohkulo	(SEAL)
Dafe	Feb. 23, 2012	Name of Inventor Yoshito Janaka	(SEAL)
Date	Feb. 23, 2012	Name of Inventor Whroli hakaoka	(SEAL)
Date	Feb. 23, 2012	Name of Inventor Takayuki Jamamoto	(SEAL)
Date .	Feb. 23, 2012	Name of Inventor Tetruja Minjagaki	
Date		Name of InventorPATENT	(SEAL)

RECORDED: 03/09/2012

REEL: 027847 FRAME: 0211