PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3735460

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Toshihiko HATANAKA	12/26/2015	

RECEIVING PARTY DATA

Name:	Toyota Jidosha Kabushiki Kaisha	
Street Address:	1, Toyota-cho	
City:	Toyota-shi, Aichi-ken	
State/Country:	Japan	
Postal Code:	471-8571	

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	15041704		

CORRESPONDENCE DATA

Fax Number: (703)836-2787

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 703-836-6400
Email: email@oliff.com
Correspondent Name: JAMES A. OLIFF
Address Line 1: OLIFF PLC

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	168128
NAME OF SUBMITTER:	INDIA WAGNER
SIGNATURE:	/India Wagner/
DATE SIGNED:	02/11/2016

Total Attachments: 1

source=021116_168128_Assignment#page1.tif

PATENT 503688822 REEL: 037717 FRAME: 0281

ASSIGNMENT

	Insert	(1)	Toshihiko HATANAKA	(2)		
(1-8)	Legal Name(s)	(3)		(4)		
	of Inventor(s)	(5)		(6)		
		(7)	T transmission of the control of the	(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)	TOYOTA JIDOSHA KABU	USHIKI KAISHA	•	
(10)	Insert Address of Assignee	(10)	1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan			
•		(9)				
		(10)				
		the ent invent contin	nafter designated as the Assignee) tire right, title and interest for the ion, and in all applications for pat- uation, international, substitute an examination certificates that may be	United States of Ame ent including any and d reissue application(rica as defined in 35 U.S.C all provisional, non-provis s), and all Letters Patent. e	. §100, in the
(11)	Insert Identification such as Title, Case Number, or Foreign	(11)	MOTOR CONTROL	APPARATU	S	
	Application Number	(Attor	ney Docket No. 168128), filed	on even date herewith or	as
(12)	Alternative	(12)	U.S. Application Number			
	Identification for					
	filed applications	filed	February 11, 2016			
declared and goin claims of reexaminates resulting entire interesting this assign	2) Each undersigned agreed concerning any application of g forward with such interfered 3) Each undersigned agreed reprovisions of the Internation 4) Each undersigned agreed attion a grant of a valid Unite 5) Each undersigned author from said application(s) to the terest herein assigned, and the gument is binding on Assigned 6) Each undersigned hereby or desirable in order to contact the state of the sta	s to execute the state of patent ence or patent ence or patent ence or pass to execute near the state of the	ute all papers and documents and ention for Protection of Industria rm all affirmative acts which ma	ction with any interfere with the Assignee perform any act whith the Property or similar to be necessary to obtain the U.S. Patent and True interest, and coven to execute, any agreents and legal represent to insert on this assignment and Trademark	stence or post-grant proces in every way possible in of the may be necessary in co- agreements. The maintain or confirm be ademark Office to issue are ants that he or she has full nent(s) in conflict herewith atives. The maintain or conflict actives. The maintain of the conflict of	onnection with oy reissue or ny and all patents right to convey the h, and agrees that
						
Date	December 26, 2	2015	Inventor Signature	Veskikiko	Hatanaka	(SEAL)
-				Toshihiko HAT	'ANAKA	()
neither, t	This assignment should pref hen it should be signed befor	erably be re at leas	s signed before: (a) a Notary Publ t two witnesses who also sign her	lic if within the U.S.Are:	A. (b) a U.S. Consul if out	side the U.S.A. If
Date _			Witness			
Date _			Witness			

PATENT REEL: 037717 FRAME: 0282

RECORDED: 02/11/2016