PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3405317

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Wataru MATSUBARA	06/11/2015
Hiroya FUJIWARA	06/11/2015
Akira HINO	06/11/2015
Shun MINAKI	06/11/2015
Naoto TANAKA	06/11/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14744898

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:	166608
NAME OF SUBMITTER:	LILLIAN U. LE
SIGNATURE:	/Lillian U. Le/
DATE SIGNED:	06/19/2015

Total Attachments: 2

PATENT REEL: 035869 FRAME: 0922 source=166608 6.19.15 Assignment#page1.tif source=166608 6.19.15 Assignment#page2.tif

PATENT REEL: 035869 FRAME: 0923

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

	Insert	(1)	Wataru MATSUBARA	(2)	Нігоуа FUЛWARA	
(1-8)	Legal Name(s)	(3)	Akim HINO	(4)	Shun MINAKI	
	of Inventor(s)	(5)	Naoto TANAKA	(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 Assignce	(9) TOYOTA JIDOSHA KABUSHIKI KAISHA				
(10)	Insert Address of Assignce	(10)	1, Toyota-cho, Toyota-shi, Aid	hi, 4718571 Japa	ı,	
		(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 such as Title, Case	(11)	VEHICLE CONTROL DEVICE	3	1	
	Number, or Foreign Application Number	(Attor	ney Docket No. 16660	08), (iled on even date herewith or as	
(12)	Alternative Identification for filed applications	(12)	U.S. Application Number 14	/744,8	398	
		filod	June 19, 201	5		

1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention 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 approach and convention for the U.S. Patent and Trademosk Office to issue they and all extrants.

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 OLFF PLCthe power to insert on this assignment any further 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.

(13)Deciaration

As an above named inventor, I hereby declare that;

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted,

The application was made or authorized to be made by me,

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR \$1.56.

I hereby acknowledge that any willful fulse statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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

Date	Jule 11, 20/5	Inventor Signature	Wataru Matsubara.	_ (SĖAL)
Date	June 11. 2015	Inventor Signature	Hugga Hejinena Hiroya Fejiwara	_ (SEAL)
Date	June 11, 2015	Inventor Signature	akira Hino	_ (SEAL)
Date	June 11, 2015	Inventor Signature	Shun Minaki	_ (SEAL)
Dute	June 11. 2015	Inventor Signature	Natro Jorraka Nato TANAKA	_ (\$2AL)
Date		Inventor Signature		_ (SEAL)
Ďate		Inventor Signature	D. (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	_ (SEAL)
Date	4	Inventor Signature	·	(SEAL)
neither,	This assignment should preferably be signed then it should be signed before at least two w		alle if within the U.S.A. (b) a U.S. Consul if outside tere:	he U.S.A. If
Date	June 11 2015	Witness	Tougoshi Tujikane	
Yarta.	June 11 2015	Witness	Koji Hattori	

PATENT REEL: 035869 FRAME: 0925

RECORDED: 06/19/2015