503999271 09/09/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takahiro YOSHIMURA	07/20/2016

RECEIVING PARTY DATA

Name:	Toyota Jidosha Kabushiki Kaisha	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15125061

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	171918
NAME OF SUBMITTER:	JESSICA ABARCA
SIGNATURE:	/Jessica Abarca/
DATE SIGNED:	09/09/2016

Total Attachments: 2

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> **PATENT** REEL: 039981 FRAME: 0415 503999271

TPH 1:0812-LA

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)	Takahiro YOSHIMURA	(2)	
(1-8)	Legal Name(s)	(3)		(4)	
	of Inventor(s)	(5)		(6)	
		(7)	· · · · · ·	(8)	
(9)	Insert Name of Assignee	the unde		of which are hereby acknowledge to the set over to	shable consideration paid to each of wledged, each undersigned agrees to
(18)	Insert Address of Assignee	(10)	I, Toyota-cho, Toyota-shi, Aichi	ken, 471-8571 Japan	
		the entir inventio continu	e right, title and interest for the Un n, and in all applications for patent	ited States of America as de including any and all provi cissue application(s), and al	sional, non-provisional, divisional, I Letters Patent, extensions, reissues
(11)	Insert Identification such as Title, Case	(11)	TRANSFER FOR POUR-WHEE	DRIVE VEHICLE	
	Number, or Foreign	*	PCT/IB2015/000389		
	Application Number	(Attom	ey Docket No. 171918), filed on ever	date herewith or as
(12)	Alternative Identification for	(12) 1	J.S. Application Number15	/125,061	
	filed applications	filed	September 9, 20	16	

- 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 doen 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 conpense 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 accessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 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 OLIFF PLC the 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) Beckeration

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 petentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false 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.

PATENT REEL: 039981 FRAME: 0416 In witness whereof, executed by the undersigned on the $\mathrm{data}(s)$ opposite the undersigned name(s).

Date July 20, 20/6	Inventor Signs	aure <u>Iahahiro Yoshumura</u> (SEAL)
This assignment should preferably be sign neither, then it should be signed before at least two	ed before: (a) a Nota witnesses who also s	ry Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If sign here:
Date July 20, 2016	Witness	Ryon Idoria
Date July 20.20/6	Witness	Okinori Homan