505194010 11/16/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jonggap KIM	11/13/2018

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA	
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City: Toyota-shi, Aichi-ken		
State/Country:	ate/Country: Japan	
Postal Code:	471-8571	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16192926

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:	184033
NAME OF SUBMITTER:	SAMANTHA LIMING
SIGNATURE:	/Samantha Liming/
DATE SIGNED:	11/16/2018

Total Attachments: 2

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PATENT 505194010 REEL: 047586 FRAME: 0369

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

ASSIGNMENT

	lusert	(1)	Jonggap KIM	(2)		
(1-8)	Legal Name(s)	(3)		(4)		
	of inventor(s)	(5)		(6)	***************************************	
		(7)		(8)	40,000	
		the und		iency of which are hereby ackno	atuable consideration paid to each of wiedged, each undersigned agrees to	
(9)	Insert Name of Assignee	(9)	TOYOTA JIDOSHA KA	BUSHIKI KAISHA		
(10)	Insert Address of Assignce	(10)	l, Toyota-cho, Toyota-shi,	Aichi-ken, 471-8571 Japan		
		the enti inventi- continu	re right, title and interest for th on, and in all applications for p ation, international, substitute	e United States of America as destent including any and all provi	sional, non-provisional, divisional, I Letters Patent, extensions, reissues	
(11)	Insert Identification such as Title, Case	(11)	CONTROL SYSTEM FO	R HYBRID VEHICLE		
	Number, or Foreign Application Number	Z & & L. S.		81.1	22-8	
	a 1 ···	(Agon	ey Docket No.), thee on even	date herewith or as	
(12)	Alternative	(12)	U.S. Application Number			
	Identification for					
	filed applications	filed	*2*************************************		***************************************	

- 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.
- 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 reasure 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) Declaration

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 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: 047586 FRAME: 0370 In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	November 13, 2018	Inventor Signature	Jonggy Lin	(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature	· · · · · · · · · · · · · · · · · · ·	(SEAL)
Date		Inventor Signature	·	(SEAL)
Date	·	Inventor Signature		(SEAL)
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Date		Inventor Signature	,	(SEAL)
neither,	This assignment should preferably be signed then it should be signed before at least two w		ulic if within the U.S.A. (b) a U.S. Consul if outside the ere:	U.S.A. If
Date	```	Witness		
Date		Witness		