504889168 04/27/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiroshi ISONO	04/10/2018

RECEIVING PARTY DATA

Name:	Toyota Jidosha Kabushiki Kaisha	
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City:	ity: Toyota-shi, Aichi-ken	
State/Country:	ate/Country: Japan	
Postal Code:	471-8571	

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	15964649		

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	181333
NAME OF SUBMITTER:	PAMELA BALLARD
SIGNATURE:	/Pamela Ballard/
DATE SIGNED:	04/27/2018

Total Attachments: 2

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PATENT 504889168 REEL: 046034 FRAME: 0910

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)	Hiroshi ISONO	(2)			
(8-8)	Legal Name(s)	(3)		(3)			
	of inventor(s)	(5)		(6)			
		(7)		(8)	000 000 000 000 000 000 000 000 000 00		
		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)	ТОУОТА ИООЅНА КАВ	USHIKI KAISHA	.00		
080 Is	Insert Address of Assignee	(10)	1, Toyota-cho, Toyota-shi, A	tichi-ken, 451-8571 Japan			
		the enti inventi- continu	ise right, title and interest for the on, and in all applications for pa	United States of America as tent including any and all pro nd reissue application(s), and	sors, ausigns and legal representatives, defined in 35 U.S.C. §100, in the visional, non-provisional, divisional, all Letters Patent, extensions, reissues prown as		
(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11)	GEARED TRANSMISSIC	NUNIT			
		(Atton	ney Docket No), filed on ev	en date herewith or as		
(12)	Alternative	(12)	12) U.S. Application Number				
	Adentification for		******				
	filed applications	filed					

- 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 does 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 discuments and perform any set 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 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 Assigner, 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 Assigner and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF FLC 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 aim aware of the duty to disclose to the Office all information brown 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: 046034 FRAME: 0911 In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	April 10, 2018	Inventor Signature	Miroshi Spon	(SEAL)
Date		Inventor Signature		(SEAL)
Date	×	Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
neither	This assignment should preferably be signed, then it should be signed before at least two w			onsul if outside the U.S.A. If
Date		Witness		
Date		Witness		

2