PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5508800

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the THE ASSIGNOR'S NAME previously recorded on Reel 048741 Frame 0357. Assignor(s) hereby confirms the ASSIGNMENT.	

CONVEYING PARTY DATA

Name	Execution Date
Takahiro YANAZE	02/15/2019
Shinya ASAURA	02/15/2019
RYOTA MOMOSE	02/15/2019
Shingo SATAKE	03/08/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16369726	

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 JAMES A. OLIFF Correspondent Name: Address Line 1: **OLIFF PLC**

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER: 186056 NAME OF SUBMITTER: VARSHA RAVICHANDRAN SIGNATURE: /Varsha Ravichandran/ **DATE SIGNED:** 05/06/2019

Total Attachments: 2

PATENT REEL: 049092 FRAME: 0964

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> PATENT REEL: 049092 FRAME: 0965

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5448560

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Takahiro YANAZE	02/15/2019
Shinya ASAURA	02/15/2019
Momose RYOTA	02/15/2019
Shingo SATAKE	03/08/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

***************************************	Property Type	Number	-
•	Application Number:	16369726	

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: 186056 NAME OF SUBMITTER: VARSHA RAVICHANDRAN SIGNATURE: /Varsha Ravichandran/ DATE SIGNED: 03/29/2019

Total Attachments: 1

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PATENT REEL: 049092 FRAME: 0966

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1. (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))	.00), and of other good and valuable conside	ration paid to the undersigned inventor(s)
TOYOTA JIDOSHA KABUSHIKI KA	ISHA	
1, Toyota-cho, Toyota-shi, Aichi-ken		
	·	
,		
(hereinafter, "ASSIGNEE"), the receipt of which is here ASSIGNEE the entire and exclusive right, title and inter (Title of Invention)	eby acknowledged, the undersigned ASSIG	
HYBRID VEHICLE		
relating to International Patent Applicationexecuted on even date herewith or, if not so executed, w	and/or for which application foras:	r Letters Patent of the United States was
(a) executed on	; (Insert date of execution of app	lication, if not concurrent)
(b) filed on		
Serial No /		by authorized to insert in (b) the specified
and to said application and all Letters Patent(s) of the U substitute, reissue or reexamination application based th including any extensions thereof (collectively, hereinaft	ereon, for the full term or terms for which the	e said Letters Patent(s) may be granted and
The ASSIGNOR agree(s), when requested by said A which the ASSIGNEE may deem necessary, desirable of including in the preparation and prosecution of said appreexamination, or public use proceeding, and in any litigacts to include but not be limited to executing all papers sworn testimony, and obtaining and producing evidence	or expedient, for securing, maintaining and e plication(s) and the issuance of said Letters I gation or other legal proceeding which may a s, including separate assignments and declar	enforcing protection for said invention, Patent(s), in any interference, reissue, rise or be declared in relation to same, such
IN WITNESS WHEREOF, the undersigned inventor	r(s) has (have) affixed his/her/their signature	z(s).
Takahiro YANAZE (Signature)	Takahiro YANAZE (Type Name)	February 15, 2019
2) Shinya Asauva (Signature)	Shinya ASAURA (Type Name)	February 15, 2019 February 15, 2019 (Date)
3) Ryota MOMOSE (Signature)	Ryota MOMOSE (Type Name)	February 15 2019
4) Shingo SATAKE (Signature)	Shingo SATAKE (Type Name)	March 8, 2019 (Date)
5)(Signature)	(Type Name)	(Date)
6)(Signature)	(Type Name)	(Date)
(Degitital C)	1-21-2	, <i>></i>