#### 505580414 07/19/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5627213

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
Shinya KITAI	07/09/2019	

### **RECEIVING PARTY DATA**

Name:	ame: TOYOTA JIDOSHA KABUSHIKI KAISHA	
Street Address: 1, TOYOTA-CHO		
City: TOYOTA-SHI, AICHI		
State/Country:	JAPAN	
Postal Code:	4718571	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16509575

### **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.

703-836-6400 Phone: 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:	187651	
NAME OF SUBMITTER:	KIMBERLY SCOTT	
SIGNATURE:	/Kimberly C. Scott/ for James A. Oliff	
DATE SIGNED:	07/19/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

#### **Total Attachments: 2**

source=6758643\_1#page1.tif source=6758643\_1#page2.tif

> **PATENT** REEL: 049802 FRAME: 0335 505580414

# 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)	Shinya KITAI	(2)	
(1-8)	Legal Name(s)	(3)		(4)	
	of Inventor(s)	(5)		(6)	
		(7)		(8)	
		the un-	sideration of the sum of one dersigned, the receipt and su , and hereby does assign, tra	dollar (\$1.00) and other good and valuable consideration paid to each fficiency of which are hereby acknowledged, each undersigned agrees uses and set over to	of to
(9)	Insert Name of Assignee	(9)	TOYOTA JIDOSHA KAI	BUSHIKI KAISHA	
(10)	Insert Address of Assignce	(10)	i , Toyota-cho, Toyota-sh	i, Aichi, 4718571 Japan	
(11) Insert Identification such as Title, Case		contin	on, and in all applications fo lation, international, substitu warnination certificates that	r the United States of America as defined in 35 U.S.C. §100, in the patent including any and all provisional, non-provisional, divisional, ite and reissue application(s), and all Letters Patent, extensions, reissue may be granted on the invention known as	s ·
	Number, or Foreign Application Number	(Attori	ney Docket No 187651	), filed on even date herewith or as	
12)	Alternative	(12)	U.S. Application Number	16/509,575	
	Identification for filed applications	filed	July 12, 2019		
leelared nd goir	2) Each undersigned agree concerning any application ig forward with such interfer 3) Each undersigned agree r provisions of the Internation	onnection is to execu or patent frenceor pos is to execu- onal Conve	with such applications and the all papers necessary in ecoor for the invention and to coor strains are the papers and documents and the all papers and documents antion for Protection of India.	connection with any application and/or patent for the invention and also patents as the Assignee may deem necessary.  Someonic with any interference or post-grant proceeding which may be perate with the Assignee in every way possible in obtaining evidence and perform any act which may be necessary in connection with strial Property or similar agreements.  In may be necessary to obtain, maintain or confirm by reissue or	

4) Each undersigned agrees to perform all attirmative 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 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 FLC the power to insert on this assignment any further identification that may be reconstructed to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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 meterial 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,

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

Date	Jul 9, 2019	Inventor Signature	Shinya Kitai	(SEAL)
Date	AR-	Inventor Signature		_ (SEAL)
Date		Inventor Signature		_ (SEAL)
Date		Inventor Signature		_ (SEAL)
Date		Inventor Signature		_ (SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		_ (SEAL)
Dnte	-	Inventor Signature		(SEAL)
neither	This assignment should preferably be sign than it should be signed before at least two	ed before: (a) a Notary Publi witnesses who also sign here	ic if within the U.S.A. (b) a U.S. Consul if outside the	oc U.S.A. If
Date	Jal. 9, 2019.	Witness <u>~</u>	States Suza foi	·
Date	Jul. 9. 2019	Witoesa	Daisake Ganaska.	