# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT			
	Corrective Assignment to correct the THIRD INVENTOR'S EXECUTION DATE previously recorded on Reel 037215 Frame 0908. Assignor(s) hereby confirms the ASSIGNMENT.			

#### **CONVEYING PARTY DATA**

Name	Execution Date
Yuji OKUDA	11/13/2015
Hidenobu KINUGASA	11/13/2015
Taisuke HASEGAWA	11/23/2015

#### **RECEIVING PARTY DATA**

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

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

Property Type	Number		
Application Number:	14896217		

#### 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** 

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ATTORNEY DOCKET NUMBER:	168896
NAME OF SUBMITTER:	RYAN GUNNING
SIGNATURE:	/Ryan Gunning/
DATE SIGNED:	12/16/2015

**Total Attachments: 3** 

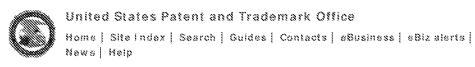
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**PATENT REEL: 037330 FRAME: 0360** 

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> PATENT REEL: 037330 FRAME: 0361





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#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

 SUBMISSION TYPE:
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 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

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Yuji OKUDA	11/13/2015
Hidenobu KINUGASA	11/13/2015
Taisuke HASEGAWA	11/13/2015

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 Phone:
 703-836-6400

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ATTORNEY DOCKET NUMBER:	168896		
NAME OF SUBMITTER:	RYAN GUNNING		
Signature:	/Ryan Gunning/		
Date:	12/04/2015		
Total Attachments: 1 source=Assign#page1.tif			
RECEIPT INFORMATION			
EPAS ID:         PAT36442           Receipt Date:         12/04/201	· · ·		

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**PATENT** 

## ASSIGNMENT

	Insert	(1) Yu	iji OKUDA	(2)	Hidenobu KINUGASA	
(1-8)	Legal Name(s)	(3) Ta	isuke HASEGAWA	(4)		
	of Inventor(s)	(5)		(6)		
		(7)		(8)		
		the undersig	ation of the sum of one dolla gned, the receipt and sufficie hereby does assign, transfer	ency of which are	er good and valuable consider hereby acknowledged, each u	ation paid to each of indersigned agrees to
(9)	Insert Name of (9) TOYOTA JIDOSHA KABUSHIKI KAISHA					
(10)	Insert Address of Assignce	(10) 1, Toyota-cho, Toyota-shi, Aichi 471-8571 Japan				
	Passignee	the entire ri invention, a continuation	ght, title and interest for the nd in all applications for pat	United States of tent including any ad reissue applica	neirs, successors, assigns and I America as defined in 35 U.S. v and all provisional, non-prov tion(s), and all Letters Patent, e invention known as	.C. §100, in the risional.
(11)	Insert Identification such as Title, Case	(11) <u>L</u>	ANE KEEPING A	SSIST APF	PARATUS	
	Number, or Foreign Application Number	(Attorney I	Docket No. 168896	),	filed on even date herewith o	or as
(12)	Alternative	(12) U.S.	Application Number	14/896,	217	
` ′	Identification for	` ,				
	filed applications	filed	December	4, 2015		
reexami resulting entire in this assi	nation a grant of a valid Uni 5) Each undersigned auth g from said application(s) to tterest herein assigned, and f gnment is binding on Assigr 6) Each undersigned here	es to perform a ted States pate prizes and requ the said Assign hat he or she had a ssign for and Assign by grants the fi	Il affirmative acts which mant to the Assignee.  cests the Commissioner of the enti- as anot executed, and will no or's heirs, successors, assigner  of OLIFF PLC the power	ay be necessary to the U.S. Patent are the interest, and co the execute, any and and legal reproperto insert on this	to obtain, maintain or confirm and Trademark Office to issue a covenants that he or she has fu greement(s) in conflict herewa	any and all patents all right to convey the ith, and agrees that
	In witness whereof, execu	ted by the und	lersigned on the date(s) op	pposite the unde	ersigned name(s).	
Date	November 13	,2015	Inventor Signature	Yıji OKUI	Okoda DA	(SEAL)
Date	November 13,	2015	Inventor Signature		hu Kipugaea KINUGASA	(SEAL)
Date	November 23	, 2015	Inventor Signature	Jaisak Taisuke HA	e Italegawa SEGAWA	(SEAL)
Date			Inventor Signature			(SEAL)
Date .			Inventor Signature			(SEAL)
neither	This assignment should pre then it should be signed before				U.S.A. (b) a U.S. Consul if or	utside the U.S.A. If
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**RECORDED: 12/16/2015**