PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Hiromitsu SEO	06/23/2015	
Tomoyuki UCHIYAMA	06/23/2015	
Takuya TAKEI	06/23/2015	
Tomohiko SATOMI	06/23/2015	

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14773799

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: 166788 NAME OF SUBMITTER: JOVITA RUDD SIGNATURE: /Jovita Rudd/ **DATE SIGNED:** 09/09/2015

Total Attachments: 1

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PATENT REEL: 036517 FRAME: 0185

ASSIGNMENT

	Insert	(1)	Hiromitsu SEO	(2)	Tomoyuki UCHIYAMA		
(1-8)	Legal Name(s)	(3)	Takuya TAKEI	(4)	Tomohiko SATOMI		
	of Inventor(s)	(5)		(6)			
		(7)		(8)			
		uic uii	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)	TOYOTA JIDOSHA KABU				
(10)	Insert Address of Assignee	(10) 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan					
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as					
(11)	Insert Identification such as Title, Case	(11)	FUEL INJECTION AMOUN				
	Number, or Foreign		PCT/IB2014/000487				
	Application Number	(Attor	ney Docket No. 166788), filed on e	ven date herewith or as		
(12)	Alternative	(12)	U.S. Application Number				
	Identification for	` ′					
	filed applications	filed	September 9, 2015				
reexam resultin entire in this ass	4) Each undersigned agrees ination a grant of a valid Unite 5) Each undersigned authorig from said application(s) to the therest herein assigned, and that ignment is binding on Assignon 6) Each undersigned hereby ry or desirable in order to comp	to perfor to perfor to perfor to said As the or strand Asserts the ply with	requests the Commissioner of the signer's assignee, as Assignee of the enter has not executed, and will not signor's heirs, successors, assignee of the enter has not executed, and will not go the enter has not executed.	the U.S. Patent and ire interest, and covot execute, any agrees and legal represer to insert on this as a ratent and Trademar	Obtain, maintain or confirm by reiss Trademark Office to issue any and enants that he or she has full right to ement(s) in conflict herewith, and intatives. signment any further identification k Office for recordation of this doc	all patents to convey the agrees that	
Date	June 23, 201	<i></i>	Inventor Signature		L' llelujaux	(SEAL)	
Date	June 23. 20.	15	Inventor Signature	Taknya	Takei o Satomi	(SEAL)	
Date	June 13, 201	5	Inventor Signature	Tomohik	o Satomi	(SEAL)	
neither,	This assignment should prefer then it should be signed before	ably be s at least t	igned before: (a) a Notary Pub wo witnesses who also sign he	lic if within the U.S	.A. (b) a U.S. Consul if outside the	U.S.A. If	
Date -	July 3, 201	5	Witness	Shoga	Asano Shiraishi		
Date _	Tuly 3. 201	5	Witness	Daiki	Shirashi		

PATENT REEL: 036517 FRAME: 0186

RECORDED: 09/09/2015