PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUJI YAMAGUCHI	05/02/2016
NORIHISA NAKAGAWA	05/02/2016
SHUNTARO OKAZAKI	05/02/2016
YUJI MIYOSHI	05/02/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15110427

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ATTORNEY DOCKET NUMBER:	77670/678
NAME OF SUBMITTER:	MICHELLE HUMPHREYS
SIGNATURE:	/Michelle Humphreys/
DATE SIGNED:	07/08/2016

Total Attachments: 1

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PATENT REEL: 039106 FRAME: 0060

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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert ASSIGNEE's	TOYOTA JIDOSHA KABUSHIKI KAISHA				
Name(s) Address(es))	1, Toyotacho, Toyota-shi, Aid	chi 471-8571, Japan			
	-				
	(hereinafter "ASSIGNEE"), the receipt of transfers to ASSIGNEE the entire and ex	which is hereby acknowledged, the u clusive right, title and interest to the	ndersigned ASSIGNOR hereby sells, assigns invention entitled	and	
(Title of Invention)	Control System of Internal C	ombustion Engine			
	relating to International Patent Application of the United States was executed on eve	on PCT/JP <u>2014</u> / <u>084444</u> in date herewith or, if not so executed	and/or for which application for Letters F I, was:	Patent	
(Insert date of execution	(a) executed on	: Assignee's attorney is her	eby authorized to insert in (b) the specified		
of application, if not concurrent)	(b) filed on July 8, 2016 Serial No. 15,110,42	data, when known.	annonace to miscri in (1) the specified		
	renewal, substitute, reissue or reexamina	ation application based thereon, for t	on said application and any continuation, div he full term or terms for which the said Lette ereinafter, "said application(s) and Letters	vision, ers	
	ASSIGNEE, to do all acts which the ASSI enforcing protection for said invention, in said Letters Patent(s), in any interference proceeding which may arise or be declare	GNEE may deem necessary, desirable icluding in the preparation and proset, reissue, reexamination, or public used in relation to same, such acts to in	ithout charge to but at the expense of said e or expedient, for securing, maintaining and exution of said application(s) and the issuand se proceeding, and in any litigation or other liclude but not be limited to executing all pap oviding sworn testimony, and obtaining and	ce of	
	IN WITNESS WHEREOF, the u	ndersigned inventor(s) has (have) affi	ixed his/her/their signature(s).		
(Signatures)	Juji Jamagchi	Yuji Yamaguchi	May 2, 2016		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	2) North su Makagawar (SIGNATURE) J 3) Shuntaro Okozahi	Norihisa Nakagawa	May 2, 2016		
	Munton Marshi	(TYPE NAME) Shuntaro Okazaki	(DATE)		
	(SIGNATURE)	(TYPE NAME)	May 2, 2016		
	Aug man 1.	Yuji Miyoshi			
	4) CHARLES (SIGNATURE)	(TYPE NAME)	May 2, 2016 (DATE)		
	5)(SIGNATURE)	(TYPE NAME)	(DATE)		
	6)(SIGNATURE)	(TYPE NAME)	(DATE)		

(TYPE NAME)

(TYPE NAME)

PATENT REEL: 039106 FRAME: 0061

(DATE)

RECORDED: 07/08/2016

(SIGNATURE)

(SIGNATURE)