PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Masato IKEMOTO	09/28/2012	

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:	13884398

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	Q203610
NAME OF SUBMITTER:	Darryl Hunter, New Apps Specialist
Signature:	/Darryl Hunter/
Date:	05/09/2013

Total Attachments: 1

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PATENT REEL: 030390 FRAME: 0086

ASSIGNMENT

In consideration	of the premises	and other	good and	valuable	consideration	in hand	paid,	the:	receipt
and sufficiency of which is	hereby acknow	ledged, the	undersigi	ned.					

Masato IKEMOTO

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

TOYOTA JIDOSHA KABUSHIKI KAISHA

1, Toyota-cho, Toyota-shi Aichi-ken, 471-8571 JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

Control Apparatus for Internal Combustion Engine

for which an application for United States Letters Patent was executed on even date herewith,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the international Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives: the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

INVENTOR

DATE SIGNED

Name: Masato IK

RECORDED: 05/10/2013

Masato IKEMOTO

PATENT

September 28,2012

REEL: 030390 FRAME: 0087