PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Koji ASO	07/31/2009

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:	12530517	

CORRESPONDENCE DATA

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Correspondent Name: Oblon, Spivak, et al.

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Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 346366US

NAME OF SUBMITTER: Abdul Joya

Total Attachments: 2

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PATENT REEL: 023217 FRAME: 0681

Assignment of Application

Page 1 of 2

W	HEREAS, I (WE)	Koji ASO of Susono-shi, Shizuoka-ken, Japan	
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			, respectively,
ha	ave invented certain ne	ew and useful improvements in: INTERNAL COMBUSTION ENGINE TO	RQUE
_(CONTROL		
fo	or which an application	n for Letters Patent was executed on	
(/	Application No.	, filed), and
	WHEREAS, TO	YOTA JIDOSHA KABUSHIKI KAISHA	
(h	nereinafter referred to	as "ASSIGNEE") having a place of business at:	
		a-shi, Aichi-ken, 471-8571 Japan	
;	decirous of acquiring	the entire right title and interact in and to said invention and in and to any	Latters Datent that

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:July 31, 2009	Hoji asa	
	(Signature of Inventor) Koji ASO	
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	(Signature of Inventor)	•

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RECORDED: 09/11/2009

PATENT REEL: 023217 FRAME: 0683