PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: **ASSIGNMENT**

CONVEYING PARTY DATA

Name	Execution Date
Shuichi OCHIAI	07/16/2009
Yukihiro TSUBAKINO	07/16/2009
Shinya NISHIYAMA	07/16/2009

RECEIVING PARTY DATA

Name:	HONDA MOTOR CO., LTD.			
Street Address:	1-1, Minami-Aoyama 2-chome			
City:	Minato-ku, Tokyo			
State/Country:	JAPAN			
Postal Code:	107-8556			

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12509842	

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NAME OF SUBMITTER: James M. Slattery

Total Attachments: 2

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REEL: 023016 FRAME: 0466

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

	Application No. 12/509,842	2	Filed			
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))***					
	WHEREAS,	Shuichi OCHIAI	Yukibiro TSUBAKINO			
	Shinus NISHIYAMA					
		· · · · ·				
	- U23					
	(hereinafter designated as the under	ersigned) has (have) invented o	ertaîn new and useful improvements in			
Insert Title of Invention	INTERNAL COMBUSTON EN	GINE				
	for which an application for Let undersigned (except in the case of	tters Patent of the United St a provisional application).	ates of America has been executed by the			
Insert Date of Signing of Application	July 16, 2009		; and			
Insert Name of Assignee	WHEREAS, HONDA	MOTOR CO., LTD.	·			
Insert Address of Assignee	of 1-1, Minami-Aoyama 2-chome,	Minato-ku, Tokyo, 107-8556	<u>Japan</u>			
CHECK BOX	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignce) is desirous of acquiring the entire right, ritle and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any foreign countries.					
	(have) sold, assigned and transferr the full and exclusive right to the s and possessions and the entire rig	iowledged, and other good and ed, and by these presents does aid invention in the United St ht, title and interest in and to es of America, its territories, a	rs (\$10.00) to the undersigned in hand paid, it valuable consideration, the undersigned has sell, assign and transfer unto said Assignee ates of America, its territories, dependencies any and all Letters Patent(s) which may be dependencies and possessions, and if the box			
	and to any and all divisions, reisst terms for which the same may be g	ues, continuations, conversion	s and excensions thereof for the full term or			

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PATENT REEL: 023016 FRAME: 0467 The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s),

Date	JUL. 1 6. 2009	3	Name of Inventor	Shuichi Ochiai (signature) Shuichi OCHIAI
Date	JUL. 1 6. 2009			Yukikiro Toubakino (signature) Yukihiro TSUBAKINO
Date	JUL. 1 6. 2009			Shinyo Vishiyamo (signature) Shinya NISHIYAMA
Dare		,s	Name of Inventor	(signature)
Date		, A	Name of Inventor	(signature)
Date		,	Name of Inventor	(signature)

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February 2002