

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Docket No. on the Cover Sheet previously recorded on Reel 022160 Frame 0990. Assignor(s) hereby confirms the change of Docket Number from P004551-PTE-CD to P004550-PTE-CD.												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>ALLEN B. RAYL</td> <td>01/23/2009</td> </tr> <tr> <td>CHEN-FANG CHANG</td> <td>01/12/2009</td> </tr> <tr> <td>PETER KAFARNIK</td> <td>01/12/2009</td> </tr> <tr> <td>JUN-MO KANG</td> <td>01/12/2009</td> </tr> <tr> <td>VIJAY RAMAPPAN</td> <td>01/26/2009</td> </tr> </tbody> </table>		Name	Execution Date	ALLEN B. RAYL	01/23/2009	CHEN-FANG CHANG	01/12/2009	PETER KAFARNIK	01/12/2009	JUN-MO KANG	01/12/2009	VIJAY RAMAPPAN	01/26/2009
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JUN-MO KANG	01/12/2009												
VIJAY RAMAPPAN	01/26/2009												
RECEIVING PARTY DATA													
Name:	GM GLOBAL TECHNOLOGY OPERATIONS, INC.												
Street Address:	P.O. BOX 300												
Internal Address:	MAIL CODE 482-C23-B21												
City:	DETROIT												
State/Country:	MICHIGAN												
Postal Code:	48265-3000												
PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number:	(248)641-0270												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	248-641-1600												
Email:	sstevens@hdp.com												
Correspondent Name:	Harness, Dickey & Pierce, P.L.C.												
Address Line 1:	P.O. Box 828												
Address Line 4:	Bloomfield Hills, MICHIGAN 48303												
ATTORNEY DOCKET NUMBER:	P004550-PTE-CD												

CH \$40.00 12360336

NAME OF SUBMITTER:

Michael D. Wiggins

Total Attachments: 9

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TO:HARNES DICKEY & PIERCE, P.L.C. COMPANY:P.O. BOX 828

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500764347

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
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NAME OF SUBMITTER:	Michael D. Wiggins												

CH \$40.00 12360336

TO:HARNESS DICKEY & PIERCE, P.L.C. COMPANY:P.O. BOX 828

Total Attachments: 4

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ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS, INC., the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P004550-PTE-CD entitled

HCCI COMBUSTION MODING STATE CONTROL FOR FUEL ECONOMY AND SEAMLESS TRANSITIONS

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney CHRISTOPHER DEVRIES and MICHAEL D. WIGGINS to insert the application number and filing date of said application here in parentheses (12360336 filed 1-27-2009) when known.

If the patent application has been filed provisionally, the application number and filing date of said provisional application(s) assigned herein are as follows:

US Provisional Serial No Filed
61/036295 13-MAR-2008

Inventor's signature Allen B Rayl Date 6/23/2009

Full name : ALLEN B. RAYL Declaration dated :
Residence : WATERFORD, MICHIGAN _____

Inventor's signature _____ Date _____

Full name : CHEN-FANG CHANG Declaration dated :
Residence : TROY, MICHIGAN _____

Inventor's signature Peter Kafarnik Date 01/17/2009

Full name : PETER KAFARNIK Declaration dated :
Residence : Eltville-Erbach, GERMANY 01/17/2009

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If the patent application has been filed provisionally, the application number and filing date of said provisional application(s) assigned herein are as follows:

US Provisional Serial No	Filed
61/036295	13-MAR-2008

Inventor's signature _____ Date _____

Full name : ALLEN B. RAYL Declaration dated :

Residence : WATERFORD, MICHIGAN _____

Inventor's signature Chen Fang Chang Date 1/12/2009

Full name : CHEN-FANG CHANG Declaration dated :

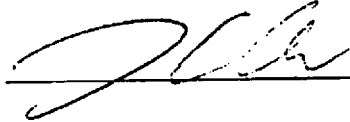
Residence : TROY, MICHIGAN 1/12/2009

Inventor's signature _____ Date _____

Full name : PETER KAFARNIK Declaration dated :

Residence : Eltville-Erbach, GERMANY _____

Inventor's signature



Date 1 / 12 / 2009

Full name :

JUN-MO KANG

Declaration dated :

1 / 12 / 2009

Residence :

ANN ARBOR, MICHIGAN

Inventor's signature

Date _____

Full name :

VIJAY RAMAPPAN

Declaration dated :

Residence :

NOVI, MICHIGAN

Inventor's signature	_____	Date	_____
Full name :	JUN-MO KANG	Declaration dated :	_____
Residence :	ANN ARBOR, MICHIGAN		_____
Inventor's signature	<u>Vijay Ramappan</u>	Date	<u>1-26-09</u>
Full name :	VIJAY RAMAPPAN	Declaration dated :	_____
Residence :	NOVI, MICHIGAN		<u>1-26-09</u>