PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Vijay Ramappan	08/24/2009
Peter Kafarnik	08/12/2009
Allen B. Rayl	08/24/2009
Jonathan T. Shibata	08/24/2009

RECEIVING PARTY DATA

Name:	GM GLOBAL TECHNOLOGY OPERATIONS, INC.
Street Address:	P.O. BOX 300
Internal Address:	Mail Code 482-C23-B21
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State/Country:	MICHIGAN
Postal Code:	48265-3000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12576585

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P007298-PTE-CD
NAME OF SUBMITTER:	Michael D. Wiggins

REEL: 023384 FRAME: 0701

PATENT

Total Attachments: 2

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PATENT REEL: 023384 FRAME: 0702

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 P007298-PTE-CD entitled

SYSTEM AND METHOD FOR CONTROLLING TRANSIENT SWITCHING BETWEEN HCCI MODE AND SI MODE OF AN ENGINE

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize any patent practitioner associated with Customer Number 74175 to insert the application number and filing date of said application here in parentheses (12/576585) filed Ct. 9, 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 30-APR-2009

Inventor's signature	Vijay Romoppen	Date 8-24-09
Full name:	VIJAY RAMAPPAN	Declaration dated:
Residence:	NOVI, MICHIGAN	8-24-09
Inventor's signature		Date
Full name:	PETER KAFARNIK	Declaration dated:
Residence:	ELTVILLE-ERBACH, GERMANY	
Inventor's signature	also B Af	Date 8-24-09
Full name:	ALLEN B. RAYL	Declaration dated:
Residence:	WATERFORD, MICHIGAN	8-24-09
Inventor's signature	m15/1/	Date 8/24/2007
Full name:	JONATHAN T. SHIBATA	Declaration dated:
Residence:	WHITMORE LAKE, MICHIGAN	S/24/2009

PATENT REEL: 023384 FRAME: 0703

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 P007298-PTE-CD entitled

SYSTEM AND METHOD FOR CONTROLLING TRANSIENT SWITCHING BETWEEN HCCI MODE AND SI MODE OF AN ENGINE

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize any patent practitioner associated with Customer Number 74175 to insert the application number and filing date of said application here in parentheses (12/576585 filed OCT. 9, 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:

Filed

US Provisional Serial No

61/174211

RECORDED: 10/16/2009

61/174211	30-APR-2009	
Inventor's signature		Date
Full name:	VIJAY RAMAPPAN	Declaration dated:
Residence:	NOVI, MICHIGAN	
Inventor's signature	Petr Mile	Date 08/17/7009
Full name:	PETER KAFARNIK	Declaration dated:
Residence :	ELTVILLE-ERBACH, GERMANY	08/17/2009
Inventor's signature		Date
Full name:	ALLEN B. RAYL	Declaration dated:
Residence :	WATERFORD, MICHIGAN	-
Inventor's signature	*****	Date
Full name :	JONATHAN T. SHIBATA	Declaration dated :
Residence :	WHITMORE LAKE, MICHIGAN	

PATENT REEL: 023384 FRAME: 0704