

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jonathan T. Shibata	02/07/2011
Joshua D. Cowgill	02/07/2011
John Ogalla Waldman	02/04/2011
Halim G. Santoso	02/07/2011
J. Michael Ellenberger	02/07/2011
RECEIVING PARTY DATA	
Name:	GM Global Technology Operations LLC
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	
Property Type	Number
Application Number:	13036282
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:	madams@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:	P013088-PTUS-CD
NAME OF SUBMITTER:	Michael D. Wiggins

CH \$40.00 13036282

Total Attachments: 3

source=Assignment_P013088#page1.tif

source=Assignment_P013088#page2.tif

source=Assignment_P013088#page3.tif

ASSIGNMENT

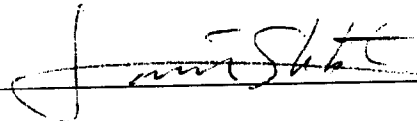
Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P013088-PTUS-CD entitled

SYSTEM AND METHOD FOR CONTROLLING FUEL INJECTION TO DECREASE PARTICULATE EMISSIONS DURING TRANSIENT ENGINE OPERATION

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 (13/036282 filed Feb. 28, 2011) 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
61/434138 19-JAN-2011

Inventor's signature  Date 3/7/2011

Full name : Jonathan T. Shibata Declaration dated :
Residence : Whitmore Lake, Michigan 2/7/2011

Inventor's signature  Date 2/7/2011

Full name : Joshua D. Cowgill Declaration dated :
Residence : Hartland, Michigan 2/7/2011

Inventor's signature _____ Date _____

Full name : John Ogalla Waldman Declaration dated :
Residence : Rochester Hills, Michigan _____

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P013088-PTUS-CD entitled

SYSTEM AND METHOD FOR CONTROLLING FUEL INJECTION TO DECREASE PARTICULATE EMISSIONS DURING TRANSIENT ENGINE OPERATION

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 (13/036282 filed Feb. 28, 2011) 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
61/434138	19-JAN-2011

Inventor's signature _____ Date _____

Full name : Jonathan T. Shibata Declaration dated :

Residence : Whitmore Lake, Michigan _____

Inventor's signature _____ Date _____


Full name : Joshua D. Cowgill Declaration dated :

Residence : Hartland, Michigan _____

Inventor's signature *John Ogalla Waldman* Date 2-4-2011

Full name : John Ogalla Waldman Declaration dated :

Residence : Rochester Hills, Michigan 2-4-2011


Inventor's signature  _____ Date 2/7/11

Full name : Halim G. Santoso

Declaration dated :

Residence : Novi, Michigan

2/7/11

Inventor's signature  _____ Date 2/7/11

Full name : J. Michael Ellenberger

Declaration dated :

Residence : Huntington Woods, Michigan

2/7/11