

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Christopher E. Whitney</td><td>07/22/2008</td></tr><tr><td>Louis A. Avallone</td><td>07/22/2008</td></tr><tr><td>Timothy J. Hartrey</td><td>07/22/2008</td></tr><tr><td>Mark D. Carr</td><td>07/22/2008</td></tr><tr><td>Vivek Mehta</td><td>07/22/2008</td></tr><tr><td>Bahram Younessi</td><td>07/22/2008</td></tr></tbody></table>	Name	Execution Date	Christopher E. Whitney	07/22/2008	Louis A. Avallone	07/22/2008	Timothy J. Hartrey	07/22/2008	Mark D. Carr	07/22/2008	Vivek Mehta	07/22/2008	Bahram Younessi	07/22/2008	
Name	Execution Date														
Christopher E. Whitney	07/22/2008														
Louis A. Avallone	07/22/2008														
Timothy J. Hartrey	07/22/2008														
Mark D. Carr	07/22/2008														
Vivek Mehta	07/22/2008														
Bahram Younessi	07/22/2008														
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															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12181410</td></tr></tbody></table>	Property Type	Number	Application Number:	12181410											
Property Type	Number														
Application Number:	12181410														
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:	P001297-PTE-CD														

CH \$40.00 12181410

500605560

PATENT  
REEL: 021305 FRAME: 0720

NAME OF SUBMITTER:

Michael D. Wiggins

Total Attachments: 2

source=ASSIGNMENT P001297#page1.tif

source=ASSIGNMENT P001297#page2.tif

**ASSIGNMENT**

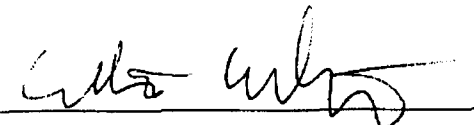
Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS, INC., the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P001297-PTE-CD entitled

**SECURED COUNT OF CYLINDERS FUELED IN A COORDINATED TORQUE CONTROL SYSTEM**

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 (12/181410 filed July 29, 2008) 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  
60/986134                      07-NOV-2007


Inventor's signature  Date 7-22-08

Full name : CHRISTOPHER E. WHITNEY

Declaration dated :

Residence : HIGHLAND, MICHIGAN

7-22-08

Inventor's signature 

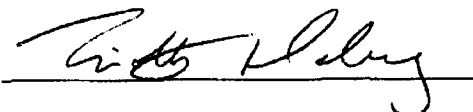
Date 22 JUL 08

Full name : LOUIS A. AVALLONE

Declaration dated :

Residence : MILFORD, MICHIGAN

22 JUL 08

Inventor's signature 

Date 7/22/08

Full name : TIMOTHY J. HARTREY

Declaration dated :

Residence : BRIGHTON, MICHIGAN

7/22/08

Inventor's signature Mark D Carr

Date 7-22-08

Full name : MARK D. CARR

Declaration dated : 7-22-08

Residence : FENTON, MICHIGAN

Inventor's signature Vivek Mehta

Date 7-22-08

Full name : VIVEK MEHTA

Declaration dated :

Residence : BLOOMFIELD HILLS, MICHIGAN

7-22-08

Inventor's signature B. Younessi

Date 07/22/08

Full name : BAHRAM YOUNESSI

Declaration dated :

Residence : FARMINGTON, MICHIGAN

07/22/08