

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Zhe Xie	12/05/2011
Hong Yang	12/04/2011
Anthony L. Smith	11/29/2011
James M. Hart	12/01/2011
Steven P. Moorman	11/28/2011
RECEIVING PARTY DATA	
Name:	GM Global Technology Operations LLC
Street Address:	300 Renaissance Center
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:	13313871
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ATTORNEY DOCKET NUMBER:	P014688-PTUS-DLT

CH \$40.00 13313871

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**PATENT
 REEL: 027354 FRAME: 0173**

NAME OF SUBMITTER:

Raymond J. Vivacqua

Total Attachments: 4

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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 P014688-PTUS-DLT entitled

TRANSMISSION HYDRAULIC CONTROL SYSTEM HAVING FLOW AUGMENTATION

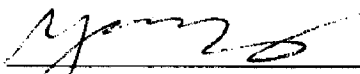
for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 76438 to insert the application number and filing date of said application here in parentheses (13/313871 filed 07-DECEMBER-2011) when known.

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
61/432140	12-JAN-2011

Inventor's signature  Date 12/05/2011

Full name : ZHE XIE
Residence : Rochester (Z.X)
~~AUBURN HILLS, MICHIGAN~~

Inventor's signature  Date 12/04/2011

Full name : HONG YANG
Residence : ROCHESTER HILL, MICHIGAN

Inventor's signature _____ Date _____

Full name : ANTHONY L. SMITH
Residence : TROY, MICHIGAN

ASSIGNMENT

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for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 76438 to insert the application number and filing date of said application here in parentheses (13/313871 filed 07-DECEMBER-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
61/432140	12-JAN-2011

Inventor's signature _____ Date _____

Full name : ZHE XIE

Residence : AUBURN HILLS, MICHIGAN

Inventor's signature _____ Date _____

Full name : HONG YANG

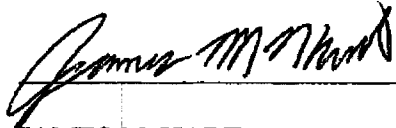
Residence : ROCHESTER HILL, MICHIGAN

Inventor's signature Anthony L Smith Date 11/29/2011

Full name : ANTHONY L SMITH

Residence : TROY, MICHIGAN

Inventor's signature



Date 01DEC2011

Full name :

JAMES M. HART

Residence :

BELLEVILLE, MICHIGAN

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Date

Full name :

STEVEN P. MOORMAN

Residence :

DEXTER, MICHIGAN

Inventor's signature _____ Date _____

Full name : JAMES M. HART

Residence : BELLEVILLE, MICHIGAN

Inventor's signature  _____ Date 11/28/2011

Full name : STEVEN P. MOORMAN

Residence : DEXTER, MICHIGAN