

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Joshua D. Cowgill</td> <td>09/08/2009</td> </tr> <tr> <td>Donovan L. Dibble</td> <td>09/14/2009</td> </tr> <tr> <td>Kenneth J. Cinpinski</td> <td>08/30/2009</td> </tr> </tbody> </table>		Name	Execution Date	Joshua D. Cowgill	09/08/2009	Donovan L. Dibble	09/14/2009	Kenneth J. Cinpinski	08/30/2009				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>GM GLOBAL TECHNOLOGY OPERATIONS, INC.</td> </tr> <tr> <td>Street Address:</td> <td>P.O. BOX 300</td> </tr> <tr> <td>Internal Address:</td> <td>Mail Code 482-C23-B21</td> </tr> <tr> <td>City:</td> <td>DETROIT</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>48265-3000</td> </tr> </table>		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
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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: 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:	P007321-PTCS-CD												
NAME OF SUBMITTER:	Michael D. Wiggins												
Total Attachments: 2 source=ASSIGNMENT P007321#page1.tif													

CH \$40.00 12548675

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PATENT
REEL: 023310 FRAME: 0776

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 P007321-PTCS-CD entitled

DIAGNOSTIC SYSTEM AND METHOD FOR HYDRAULICALLY-ACTUATED CAM PHASERS

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 (12/548675 filed Aug. 27, 2009) when known.

Inventor's signature [Signature] Date 9/8/09

Full name : JOSHUA D COWGILL Declaration dated :

Residence : HARTLAND, MICHIGAN 8/17/09

Inventor's signature [Signature] Date 9-14-09

Full name : DONOVAN L. DIBBLE Declaration dated :

Residence : UTICA, MICHIGAN 8-12-09

Inventor's signature _____ Date _____

Full name : KENNETH J. CINFINSKI Declaration dated :

Residence : RAY, MICHIGAN _____

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Declaration dated : _____

Residence : HARTLAND, MICHIGAN

Inventor's signature _____ Date _____

Full name : DONOVAN L. DIBBLE

Declaration dated : _____

Residence : UTICA, MICHIGAN

Inventor's signature Kenneth J. Cimpinski Date 8/30/2009

Full name : KENNETH J. CIMPINSKI

Declaration dated : _____

Residence : RAY, MICHIGAN

8/30/2009