

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>Zhen Zhang</td> <td>11/04/2009</td> </tr> <tr> <td>Shushan Bai</td> <td>11/04/2009</td> </tr> <tr> <td>John R. Maten</td> <td>11/08/2009</td> </tr> </tbody> </table>		Name	Execution Date	Zhen Zhang	11/04/2009	Shushan Bai	11/04/2009	John R. Maten	11/08/2009				
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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>300 Renaissance Center</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:	300 Renaissance Center	Internal Address:	Mail Code 482-C23-B21	City:	Detroit	State/Country:	MICHIGAN	Postal Code:	48265-3000
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CORRESPONDENCE DATA													
<p>Fax Number: (734)418-3320</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 734-418-3142</p> <p>Email: pverardi@vivacqua.com</p> <p>Correspondent Name: Vivacqua Law, PLLC</p> <p>Address Line 1: 455 E. Eisenhower Parkway</p> <p>Address Line 2: Suite 200</p> <p>Address Line 4: Ann Arbor, MICHIGAN 48108</p>													
ATTORNEY DOCKET NUMBER:	P008086-PTT-DLT												
NAME OF SUBMITTER:	Raymond J. Vivacqua												
Total Attachments: 1													

CH \$40.00 12616686

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PATENT
REEL: 023506 FRAME: 0195

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 P008086-PTT-DLT entitled

APPARATUS AND METHOD FOR USING TRANSMISSION OUTPUT TORQUE DATA TO CONTROL GEAR CHANGE

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 76438 to insert the application number and filing date of said application here in parentheses (12/616686 filed 11-NOVEMBER-2009) when known.

Inventor's signature Zhen J. Zhang Date 11/4/09

Full name : ZHEN ZHANG

Declaration dated :

Residence : CANTON, MICHIGAN

11/4/09

Inventor's signature Shushan Bai Date 11/4/09

Full name : SHUSHAN BAI

Declaration dated :

Residence : ANN ARBOR, MICHIGAN

11/4/09

Inventor's signature John R. Maten Date 11/8/09

Full name : JOHN R. MATEN

Declaration dated :

Residence : ROYAL OAK, MICHIGAN

11/8/09