

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<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>Christopher E. Whitney</td> <td>08/23/2011</td> </tr> <tr> <td>Mark A. Schang</td> <td>09/01/2011</td> </tr> <tr> <td>Jeffrey M. Kaiser</td> <td>09/01/2011</td> </tr> <tr> <td>Andrew W. Baur</td> <td>08/23/2011</td> </tr> <tr> <td>Ning Jin</td> <td>08/23/2011</td> </tr> </tbody> </table>		Name	Execution Date	Christopher E. Whitney	08/23/2011	Mark A. Schang	09/01/2011	Jeffrey M. Kaiser	09/01/2011	Andrew W. Baur	08/23/2011	Ning Jin	08/23/2011
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>GM Global Technology Operations LLC</td> </tr> <tr> <td><b>Street Address:</b></td> <td>P.O. Box 300</td> </tr> <tr> <td><b>Internal Address:</b></td> <td>Mail Code 482-C23-B21</td> </tr> <tr> <td><b>City:</b></td> <td>Detroit</td> </tr> <tr> <td><b>State/Country:</b></td> <td>MICHIGAN</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>48265-3000</td> </tr> </table>		<b>Name:</b>	GM Global Technology Operations LLC	<b>Street Address:</b>	P.O. Box 300	<b>Internal Address:</b>	Mail Code 482-C23-B21	<b>City:</b>	Detroit	<b>State/Country:</b>	MICHIGAN	<b>Postal Code:</b>	48265-3000
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<b>PROPERTY NUMBERS Total: 1</b>													
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (248)380-8968</p> <p>Phone: 248-380-9300</p> <p>Email: cap@quinnlawgroup.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Quinn Law Group</p> <p>Address Line 1: 39555 Orchard Hill Pl., Ste 520</p> <p>Address Line 4: Novi, MICHIGAN 48375</p>													
<b>ATTORNEY DOCKET NUMBER:</b>	P017537-PTUS-CD/GM2520												

CH \$40.00 13213334

**501657365**

**PATENT**  
**REEL: 026902 FRAME: 0716**

NAME OF SUBMITTER:

Christopher W. Quinn

Total Attachments: 2

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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 P017537-PTUS-CD entitled


#### SYSTEM AND METHOD OF CONTROLLING CRANKSHAFT TORQUE DURING A TRANSMISSION SHIFT WITH TORQUE CAPACITY-BASED TORQUE REDUCTION RANGE SELECTION

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 72823 to insert the application number and filing date of said application here in parentheses ( 13/213334 filed 19-AUG-2011 ) when known.

Inventor's signature  Date 8-23-2011

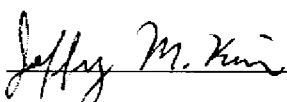
Full name : CHRISTOPHER E. WHITNEY

Residence : COMMERCE, MICHIGAN

Inventor's signature  Date 9/1/2011


Full name : MARK A SCHANG

Residence : MILFORD, MICHIGAN

Inventor's signature  Date 9/1/2011

Full name : JEFFREY M. KAISER

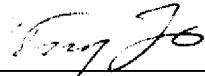
Residence : HIGHLAND, MICHIGAN

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Date 8-23-2011

Full name : ANDREW W. BAUR

Residence : WHITMORE LAKE, MICHIGAN

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Date 8-23-2011

Full name : NING JIN

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