

PATENT ASSIGNMENT

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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>SHAWN G. QUINN</td> <td>10/05/2012</td> </tr> <tr> <td>DAVID P. HAMILTON</td> <td>10/04/2012</td> </tr> <tr> <td>MARK A. STEBBINS</td> <td>10/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	SHAWN G. QUINN	10/05/2012	DAVID P. HAMILTON	10/04/2012	MARK A. STEBBINS	10/10/2012
Name	Execution Date								
SHAWN G. QUINN	10/05/2012								
DAVID P. HAMILTON	10/04/2012								
MARK A. STEBBINS	10/10/2012								
RECEIVING PARTY DATA									
Name:	GM GLOBAL TECHNOLOGY OPERATIONS LLC								
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>13650536</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13650536				
Property Type	Number								
Application Number:	13650536								
CORRESPONDENCE DATA									
Fax Number:	4803855061								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	P019596-GMVE-DPH/003.0943								
NAME OF SUBMITTER:	Erica K. Schaefer								
Total Attachments: 1 source=20121012_Assignment_P019596#page1.tif									

CH \$40.00 13650536

PATENT

Customer No. 70422
P019596-GMVE-DPH (003.0943), Page 1 of 1

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 P019596-GMVE-DPH (003.0943) entitled:

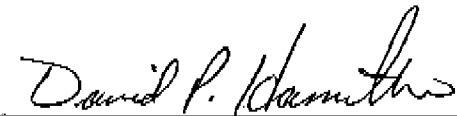
**SYSTEMS AND METHODS FOR HAND WHEEL TORSIONAL VIBRATION
ATTENUATION**

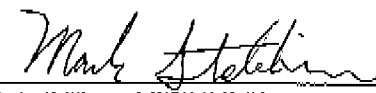
for which application for Letters Patent of the United States:

- has been executed on even date herewith;
- executed on _____;
- was filed on October 12, 2012 and assigned U.S. Serial No. 13/650,536 ;

ASSIGNOR hereby authorizes GM GLOBAL TECHNOLOGY OPERATIONS LLC, its successors and assigns, its legal representatives, or anyone it may properly designate, to insert in this instrument the filing date and/or serial number of said application when ascertained.

Inventor's signature  Date 10/5/12
 Full name : SHAWN G. QUINN
 Residence : GRAND BLANC, MICHIGAN

Inventor's signature  Date 04 OCT 2012
 Full name : DAVID P. HAMILTON
 Residence : CLARKSTON, MICHIGAN

Inventor's signature  Date 10/10/2012
 Full name : MARK A. STEBBINS
 Residence : BLOOMFIELD HILLS, MICHIGAN