

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>Michael A. Kropinski</td> <td>05/21/2010</td> </tr> <tr> <td>Minghui Kao</td> <td>05/25/2010</td> </tr> <tr> <td>Gary Ferries</td> <td>05/21/2010</td> </tr> <tr> <td>Hamid M. Esfahan</td> <td>05/21/2010</td> </tr> <tr> <td>Wen-Chuan Lin</td> <td>05/21/2010</td> </tr> <tr> <td>Michael A. Steele</td> <td>05/21/2010</td> </tr> <tr> <td>Onassis Matthews</td> <td>05/21/2010</td> </tr> </tbody> </table>		Name	Execution Date	Michael A. Kropinski	05/21/2010	Minghui Kao	05/25/2010	Gary Ferries	05/21/2010	Hamid M. Esfahan	05/21/2010	Wen-Chuan Lin	05/21/2010	Michael A. Steele	05/21/2010	Onassis Matthews	05/21/2010
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RECEIVING PARTY DATA																	
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																
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>12861176</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12861176												
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Application Number:	12861176																
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																
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Correspondent Name:	Harness Dickey & Pierce, P.L.C.																
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Address Line 4:	Bloomfield Hills, MICHIGAN 48303																
ATTORNEY DOCKET NUMBER:	P011659-PTE-CD																

CH \$40.00 12861176

501323018

PATENT
REEL: 025154 FRAME: 0026

NAME OF SUBMITTER:

Michael D. Wiggins

Total Attachments: 2

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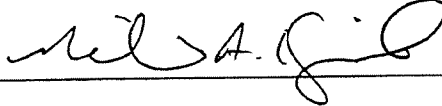
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ASSIGNMENT

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 P011659-PTE-CD entitled

VEHICLE SYSTEM MODELING SYSTEMS AND METHODS

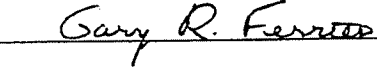
for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize any patent practitioner associated with Customer Number 74175 to insert the application number and filing date of said application here in parentheses (12/861176 filed Aug. 23, 2010) when known.

Inventor's signature  Date 5/21/2010

Full name : MICHAEL A. KROPINSKI Declaration dated :
Residence : TROY, MICHIGAN 5/21/2010

Inventor's signature  Date 5/25/2010

Full name : MINGHUI KAO Declaration dated :
Residence : ROCHESTER HILLS, MICHIGAN 5/25/2010

Inventor's signature  Date 5/21/2010

Full name : GARY FERRIES Declaration dated :
Residence : ROCHESTER HILLS, MICHIGAN 5/21/2010

Inventor's signature  Date 5, 21, 2010

Full name : HAMID M. ESFAHAN Declaration dated :
Residence : ANN ARBOR, MICHIGAN 5, 21, 2010

Inventor's signature	<u>Wen-Chuan Lin</u>	Date	<u>5/21/2010</u>
Full name :	WEN-CHUAN LIN	Declaration dated :	
Residence :	NOVI, MICHIGAN		<u>5/21/2010</u>
Inventor's signature	<u>Michael Steele</u>	Date	<u>5/21/2010</u>
Full name :	MICHAEL A. STEELE	Declaration dated :	
Residence :	SOUTHFIELD, MICHIGAN		<u>5/21/2010</u>
Inventor's signature	<u>Onassis Matthews</u>	Date	<u>5-21-2010</u>
Full name :	ONASSIS MATTHEWS	Declaration dated :	
Residence :	NOVI, MICHIGAN		<u>5-21-2010</u>