

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yilu Zhang	04/06/2011
Siwei Cheng	04/06/2011
Mutasim A. Salman	04/06/2011
RECEIVING PARTY DATA	
Name:	GM Global Technology Operations LLC
Street Address:	300 Renaissance Center
Internal Address:	M/C 482-C23-B21
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State/Country:	MICHIGAN
Postal Code:	48265-3000
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13083841
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ATTORNEY DOCKET NUMBER:	P014678-RD-MJL
NAME OF SUBMITTER:	John A. Miller
Total Attachments: 2 source=P014678_assignment#page1.tif source=P014678_assignment#page2.tif	

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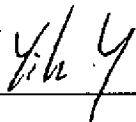
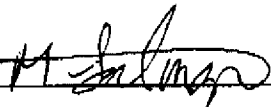
PATENT
REEL: 026246 FRAME: 0593

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 P014678-RD-MJL entitled

ALTERNATOR SPEED ESTIMATION USING SPECTRUM ANALYSIS

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorneys JOHN A. MILLER and MYRON J. LLOYD to insert the application number and filing date of said application here in parentheses (13/083,841 filed April 11, 2011) when known.

Inventor's signature	<u></u>	Date	<u>4/6/2011</u>
Full name :	YILU ZHANG	Declaration dated :	
Residence :	NORTHVILLE, MICHIGAN		<u>4/6/2011</u>
Inventor's signature	_____	Date	_____
Full name :	SIWEI CHENG	Declaration dated :	
Residence :	ATLANTA, GEORGIA		_____
Inventor's signature	<u></u>	Date	<u>4/6/2011</u>
Full name :	MUTASIM A. SALMAN	Declaration dated :	
Residence :	ROCHESTER HILLS, MICHIGAN		<u>4/6/2011</u>

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Inventor's signature _____ Date _____

Full name : YILU ZHANG Declaration dated : _____

Residence : NORTHVILLE, MICHIGAN _____

Inventor's signature  Date 04/06/2011

Full name : SIWEI CHENG Declaration dated : _____

Residence : ATLANTA, GEORGIA _____

Inventor's signature _____ Date _____

Full name : MUTASIM A. SALMAN Declaration dated : _____

Residence : ROCHESTER HILLS, MICHIGAN _____