

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Haytham A Fayyad		01/28/2008
William R. Mayhew		01/11/2008
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		
Property Type	Number	
Application Number:	12041286	
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ATTORNEY DOCKET NUMBER:	GP307947-PTT-CD	
NAME OF SUBMITTER:	Michael D. Wiggins	
Total Attachments: 2 source=ASSIGNMENT_GP307947#page1.tif source=ASSIGNMENT_GP307947#page2.tif		

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PATENT

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REEL: 020590 FRAME: 0925

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 GP-307947-PTT-CD entitled

REAL TIME TRANSMISSION SHIFT QUALITY DETECTION AND EVALUATION UTILIZING TRANSMISSION OUTPUT SHAFT ACCELERATION

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney CHRISTOPHER DEVRIES and MICHAEL D. WIGGINS to insert the application number and filing date of said application here in parentheses (12/041,286) filed 3-3-2008 when known.

If the patent application has been filed provisionally, the application number and filing date of said provisional application(s) assigned herein are as follows:

US Provisional Serial No	Filed
60/932928	01-JUN-2007

Inventor's signature	<u>Haytham Fayyad</u>	Date	<u>1/28/2008</u>
Full name :	HAYTHAM A. FAYYAD	Declaration dated :	
Residence :	DEXTER, MICHIGAN		
Inventor's signature	_____	Date	_____
Full name :	WILLIAM R. MAYHEW	Declaration dated :	
Residence :	ANN ARBOR, MICHIGAN		

ASSIGNMENT

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If the patent application has been filed provisionally, the application number and filing date of said provisional application(s) assigned herein are as follows:

US Provisional Serial No	Filed
60/932928	01-JUN-2007

Inventor's signature	_____	Date	_____
Full name :	HAYTHAM A. FAYYAD	Declaration dated :	_____
Residence :	DEXTER, MICHIGAN		_____
Inventor's signature	<u>William R. Mayhew</u>	Date	<u>11 JAN 08</u>
Full name :	WILLIAM R. MAYHEW	Declaration dated :	_____
Residence :	ANN ARBOR, MICHIGAN		<u>11 JAN 08</u>