

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Joseph M. Stempnik	01/29/2009
Richard B. Jess	01/29/2009
Daniel P. Grenn	01/26/2009
Tracey A. Bagley-Reed	01/28/2009
Ronald W. VanDiepen	01/29/2009
Mark H. Costin	01/29/2009
Michael A. Turley	01/26/2009
Sandra J. Nelson	01/26/2009
Bryan D. Lehman	01/28/2009

**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:	12362843

**CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: P004480-PTE-CD

NAME OF SUBMITTER: Michael D. Wiggins

Total Attachments: 6  
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**ASSIGNMENT**

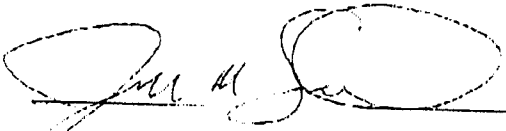
Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS, INC., the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P004480-PTE-CD entitled

**SECURING AND DIAGNOSING THE VEHICLE SPEEDS INPUT AND DIRECTION FOR TORQUE CONTROL SYSTEMS**

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 ( 12362843 filed 1-30-09 ) 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  
61/036589                      14-MAR-2008

Inventor's signature		Date	<u>11/29/2009</u>
Full name :	JOSEPH M. STEMPIK	Declaration dated :	<u>11/29/2009</u>
Residence :	WARREN, MICHIGAN		
Inventor's signature	_____	Date	_____
Full name :	RICHARD B. JESS	Declaration dated :	_____
Residence :	HASLETT, MICHIGAN		
Inventor's signature	_____	Date	_____
Full name :	DANIEL P. GRENN	Declaration dated :	_____
Residence :	HIGHLAND, MICHIGAN		

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61/036589                      14-MAR-2008

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name :                      JOSEPH M. STEMPNIK                      Declaration dated :

Residence :                      WARREN, MICHIGAN                      \_\_\_\_\_

Inventor's signature *Richard B. Jess*                      Date 1/29/2009

Full name :                      RICHARD B. JESS                      Declaration dated :

Residence :                      HASLETT, MICHIGAN                      1/29/2009

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name :                      DANIEL P. GRENN                      Declaration dated :

Residence :                      HIGHLAND, MICHIGAN                      \_\_\_\_\_

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61/036589	14-MAR-2008

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_


Full name : JOSEPH M. STEMPIK Declaration dated :

Residence : WARREN, MICHIGAN \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : RICHARD B. JESS Declaration dated :

Residence : HASLETT, MICHIGAN \_\_\_\_\_

Inventor's signature  Date January 26, 2009

Full name : DANIEL P. GRENN Declaration dated :

Residence : HIGHLAND, MICHIGAN January 26, 2009

Inventor's signature *Tracey A. Bagley-Reed* Date 1-28-2009  
Full name : TRACEY A. BAGLEY-REED Declaration dated :  
Residence : CANTON, MICHIGAN 1-28-2009

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Full name : RONALD W. VAN DUSEN Declaration dated :  
Residence : ANN ARBOR, MICHIGAN \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Full name : MARK H. COSTIN Declaration dated :  
Residence : BLOOMFIELD TOWNSHIP  
MICHIGAN \_\_\_\_\_

Inventor's signature *Michael Turley* Date 1-26-2009  
Full name : MICHAEL A. TURLEY Declaration dated :  
Residence : DEXTER, MICHIGAN 1-26-2009

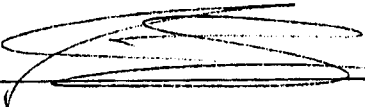
Inventor's signature *Sandra J. Nelson* Date January 26, 2009  
Full name : SANDRA J. NELSON Declaration dated :  
Residence : HOWELL, MI. January 26, 2009

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Full name : BRYAN D. LEHMAN Declaration dated :  
Residence : FENTON, MICHIGAN \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_


Full name : TRACEY A. BAGLEY-REED Declaration dated :

Residence : CANTON, MICHIGAN \_\_\_\_\_

Inventor's signature  \_\_\_\_\_ Date 01/29/2009

Full name : RONALD W. VAN DIEPEN Declaration dated :

Residence : ANN ARBOR, MICHIGAN \_\_\_\_\_

Inventor's signature  \_\_\_\_\_ Date JAN. 29, 2009

Full name : MARK H. COSTIN Declaration dated :

Residence : BLOOMFIELD TOWNSHIP, MICHIGAN JAN. 29, 2009

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : MICHAEL A. TURLEY Declaration dated :

Residence : DEXTER, MICHIGAN \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : SANDRA J. NELSON Declaration dated :

Residence : HOWELL, MI. \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : BRYAN D. LEHMAN Declaration dated :

Residence : FENTON, MICHIGAN \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : TRACEY A. BAGLEY-REED Declaration dated :

Residence : CANTON, MICHIGAN \_\_\_\_\_

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Residence : ANN ARBOR, MICHIGAN \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : MARK H. COSTIN Declaration dated :

Residence : BLOOMFIELD TOWNSHIP,  
MICHIGAN \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : MICHAEL A. TURLEY Declaration dated :

Residence : DEXTER, MICHIGAN \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : SANDRA J. NELSON Declaration dated :

Residence : HOWELL, MI. \_\_\_\_\_

Inventor's signature  \_\_\_\_\_ Date 1/28/09

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Residence : FENTON, MICHIGAN 1/28/09