

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Paul W. Alexander	01/03/2011
Alan L. Browne	12/16/2010
Nancy L. Johnson	01/03/2011
Patrick B. Usoro	01/03/2011
Nilesh D. Mankame	12/16/2010
Xiujie Gao	12/16/2010
Geoffrey P. Mc Knight	01/10/2011
Marten Wittorf	01/03/2011
John A. Cafeo	01/03/2011
Christopher P. Henry	01/10/2011

**RECEIVING PARTY DATA**

Name:	GM Global Technology Operations LLC
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Internal Address:	Mail Code 482-C23-B21
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Postal Code:	48265-3000

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12947927

**CORRESPONDENCE DATA**

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CH \$40.00 12947927

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P011015-RD-MJL / GM1913

NAME OF SUBMITTER:

Christopher W. Quinn

Total Attachments: 5

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**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 P011015-RD-MJL entitled

**EXHAUST SYSTEM**

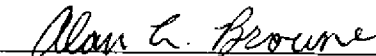
for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize practitioners associated with Customer No. 72823 to insert the application number and filing date of said application here in parentheses ( 12/947927 filed 17-NOV-2010 ) when known.

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

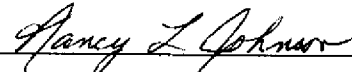
US Provisional Serial No      Filed  
61/263308                      20-NOV-2009

Inventor's signature       Date 01/03/2011


Full name :                      PAUL W. ALEXANDER                      Declaration dated :  
Residence :                      YPSILANTI, MICHIGAN                      01/03/2011

Inventor's signature       Date 12/16/2010

Full name :                      ALAN L. BROWNE                      Declaration dated :  
Residence :                      GROSSE POINTE, MICHIGAN                      12/16/2010

Inventor's signature       Date 1/3/11


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Residence :                      NORTHVILLE, MICHIGAN                      1/3/11

Inventor's signature  Date 1/3/2011

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Residence : TROY, MICHIGAN 1/3/2011

Inventor's signature  Date 12/16/10

Full name : NILESH D. MANKAME Declaration dated :  
Residence : ANN ARBOR, MICHIGAN 12/16/10

Inventor's signature  Date 12/16/2010

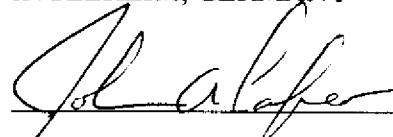
Full name : XIUJIE GAO Declaration dated :  
Residence : TROY, MICHIGAN 12/16/2010

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

Full name : GEOFFREY P. MC KNIGHT Declaration dated :  
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Full name : MARTEN WITTORF Declaration dated :  
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Full name : JOHN A. CAFEO Declaration dated :  
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Full name : GEOFFREY P. MC KNIGHT Declaration dated :

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Full name : PATRICK B. USORO Declaration dated :

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Full name : MARTEN WITTORF Declaration dated :

Residence : INGELHEIM, GERMANY Jan 3rd. 2011

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

Full name : JOHN A. CAPEO Declaration dated :

Residence : FARMINGTON, MICHIGAN \_\_\_\_\_

Inventor's signature Christopher Henry Date 1/10/2011  
Full name : CHRISTOPHER P. HENRY Declaration dated :  
Residence : THOUSAND OAKS, CALIFORNIA 1/10/2011