

## PATENT ASSIGNMENT COVER SHEET

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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>BRENTON J. BERGKOETTER</td> <td>12/04/2013</td> </tr> <tr> <td>CHRISTOPHER E. WHITNEY</td> <td>12/03/2013</td> </tr> <tr> <td>BRIAN L. SPOHN</td> <td>12/02/2013</td> </tr> <tr> <td>SEAN W. MCGROGAN</td> <td>12/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	BRENTON J. BERGKOETTER	12/04/2013	CHRISTOPHER E. WHITNEY	12/03/2013	BRIAN L. SPOHN	12/02/2013	SEAN W. MCGROGAN	12/11/2013		
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<table border="1"> <tr> <td>Name:</td> <td>GM Global Technology Operations LLC</td> </tr> <tr> <td>Street Address:</td> <td>300 Renaissance Center</td> </tr> <tr> <td>Internal Address:</td> <td>Mail Code 482-C23-B21, P.O. Box 300</td> </tr> <tr> <td>City:</td> <td>Detroit</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>48265-3000</td> </tr> </table>		Name:	GM Global Technology Operations LLC	Street Address:	300 Renaissance Center	Internal Address:	Mail Code 482-C23-B21, P.O. Box 300	City:	Detroit	State/Country:	MICHIGAN	Postal Code:	48265-3000
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CORRESPONDENCE DATA													
Fax Number:	(248)676-2799												
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NAME OF SUBMITTER:	ANN J. MOTT												

Signature:	/Ann J. Mott/
Date:	01/16/2014
<b>Total Attachments: 6</b> source=Assignment-P023645-GMC13111#page1.tif source=Assignment-P023645-GMC13111#page2.tif source=Assignment-P023645-GMC13111#page3.tif source=Assignment-P023645-GMC13111#page4.tif source=Assignment-P023645-GMC13111#page5.tif source=Assignment-P023645-GMC13111#page6.tif	

## 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 P023645-PTUS-RRM entitled

## METHOD AND APPARATUS FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE DURING A COMBUSTION TRANSITION

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 70465 to insert the application number and filing date of said application here in parentheses ( 14/132,032 filed 18-DEC-2013 ) when known.

Inventor's signature Brenton J. Bergkoetter Date 12-4-2013

Full name : BRENTON J. BERGKOETTER

Residence : MILFORD, MICHIGAN

Inventor's signature Christopher E. Whitney Date 12-3-2013

Full name : CHRISTOPHER E. WHITNEY

Residence : COMMERCE, MICHIGAN

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

Full name : BRIAN L. SPOHN

Residence : HOLLY, MICHIGAN

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

Date \_\_\_\_\_

Full name : SEAN W. MCGROGAN

Residence : ANN ARBOR, MICHIGAN

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Full name : BRENTON J. BERGKOETTER

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

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Residence : COMMERCE, MICHIGAN

Inventor's signature  \_\_\_\_\_ Date 12/2/2013

Full name : BRIAN L. SPOHN

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Inventor's signature

Date

Full name :

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Residence :

ANN ARBOR, MICHIGAN

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**PATENT**

**REEL: 031984 FRAME: 0427**

Inventor's signature

Sean W. McGrogan

Date

2013/12/11

Full name :

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ANN ARBOR, MICHIGAN