

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Robert J. Genslak</td> <td>08/29/2011</td> </tr> <tr> <td>Robert E. Heger</td> <td>08/29/2011</td> </tr> <tr> <td>Edward Stuteville</td> <td>08/29/2011</td> </tr> <tr> <td>Jerry J. Sheahan</td> <td>08/29/2011</td> </tr> <tr> <td>Thomas J. Large</td> <td>08/19/2011</td> </tr> </tbody> </table>		Name	Execution Date	Robert J. Genslak	08/29/2011	Robert E. Heger	08/29/2011	Edward Stuteville	08/29/2011	Jerry J. Sheahan	08/29/2011	Thomas J. Large	08/19/2011
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>GM Global Technology Operations LLC</td> </tr> <tr> <td>Street Address:</td> <td>P.O. Box 300</td> </tr> <tr> <td>Internal Address:</td> <td>Mail Code 482-C23-B21</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:	P.O. Box 300	Internal Address:	Mail Code 482-C23-B21	City:	Detroit	State/Country:	MICHIGAN	Postal Code:	48265-3000
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CORRESPONDENCE DATA													
<p>Fax Number: (248)641-0270</p> <p>Phone: 248-641-1600</p> <p>Email: cburns@hdp.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Harness, Dickey & Pierce, P.L.C.</p> <p>Address Line 1: P.O. Box 828</p> <p>Address Line 4: Bloomfield Hills, MICHIGAN 48303</p>													
ATTORNEY DOCKET NUMBER:	P016208												

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501709135

PATENT
REEL: 027152 FRAME: 0412

NAME OF SUBMITTER:

Michael D. Wiggins

Total Attachments: 3

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ASSIGNMENT

CATALYST OXYGEN STORAGE CAPACITY ADJUSTMENT SYSTEMS AND METHODS

Full name : Thomas J. Large Declaration dated :

Customer No. 74175
P016208-PTUS-CD, Page 1

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 P016208-PTUS-CD entitled

CATALYST OXYGEN STORAGE CAPACITY ADJUSTMENT SYSTEMS AND METHODS

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize any patent practitioner associated with Customer Number 74175 to insert the application number and filing date of said application here in parentheses () filed () when known.

Inventor's signature _____ Date _____

Full name : Robert J. Genslak

Declaration dated : _____

Residence : Macomb, Michigan

Inventor's signature _____

Date _____

Full name : Robert E. Heger

Declaration dated : _____

Residence : Bloomfield Hills, Michigan

Inventor's signature _____

Date _____

Full name : Edward Stuteville

Declaration dated : _____

Residence : Linden, Michigan

Inventor's signature _____

Date _____

Full name : Jerry J. Sheahan

Declaration dated : _____

Residence : Canton, Michigan

Inventor's signature  _____

Date 8/19/11

Full name : Thomas J. Large

Declaration dated : 

Customer No. 74175
P016208-PTUS-CD, Page 2

Residence : Oxford, Michigan

8/19/11