

PATENT ASSIGNMENT

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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>Benjamin R. Christian</td> <td>11/14/2012</td> </tr> <tr> <td>Sami A. Syed</td> <td>11/19/2012</td> </tr> <tr> <td>Herman K. Phlegm</td> <td>11/14/2012</td> </tr> <tr> <td>John G. Dorough</td> <td>11/14/2012</td> </tr> </tbody> </table>		Name	Execution Date	Benjamin R. Christian	11/14/2012	Sami A. Syed	11/19/2012	Herman K. Phlegm	11/14/2012	John G. Dorough	11/14/2012
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Sami A. Syed	11/19/2012										
Herman K. Phlegm	11/14/2012										
John G. Dorough	11/14/2012										
RECEIVING PARTY DATA											
Name:	GM Global Technology Operations LLC										
Street Address:	300 Renaissance Center										
Internal Address:	M/C 482-C23-B21										
City:	Detroit										
State/Country:	MICHIGAN										
Postal Code:	48265-3000										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13681941</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13681941						
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Application Number:	13681941										
CORRESPONDENCE DATA											
Fax Number:	2483583351										
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Total Attachments: 4

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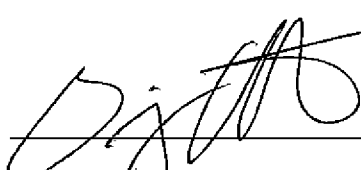
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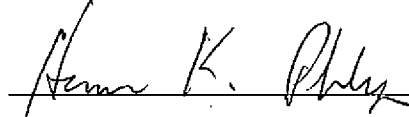
Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P020476-GMVE-CHE entitled

Utilizing Vacuum To Pre-Compress Foam To Enable Cell Insertion During
HV Battery Module Assembly

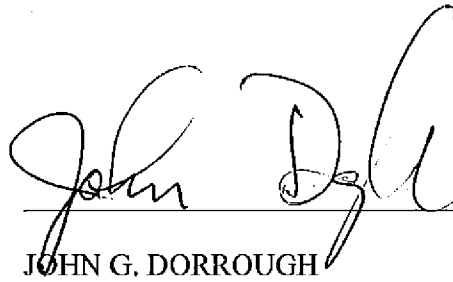
for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 83938 to insert the application number and filing date of said application here in parentheses (13/681,941 filed November 20, 2012) when known.

Inventor's signature  _____ Date 11/14/2012
Full name : BENJAMIN R. CHRISTIAN
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Date 11-14-2012

Full name :

JOHN G. DORROUGH

Residence :

OAK PARK, MICHIGAN

P020476-GMVE-CHE, Page 1
(MGJP 0201 PUS)
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Inventor's signature _____ Date _____

Full name : BENJAMIN R. CHRISTIAN

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Inventor's signature  _____ Date Nov 19, 2012

Full name : SAMI A. SYED

Residence : WINDSOR, ONTARIO

Inventor's signature _____ Date _____

Full name : HERMAN K. PHLEGM

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P020476-GMVE-CHE, Page 2
(MGJP 0201 PUS)
(MGJP

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Full name : JOHN G. DORROUGH

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