

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>Scott M. Skelton</td> <td>01/24/2013</td> </tr> <tr> <td>Kulwinder Singh</td> <td>01/29/2013</td> </tr> <tr> <td>Richard A. Marsh</td> <td>01/28/2013</td> </tr> <tr> <td>Douglas L. Parks</td> <td>01/24/2013</td> </tr> </tbody> </table>		Name	Execution Date	Scott M. Skelton	01/24/2013	Kulwinder Singh	01/29/2013	Richard A. Marsh	01/28/2013	Douglas L. Parks	01/24/2013
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Scott M. Skelton	01/24/2013										
Kulwinder Singh	01/29/2013										
Richard A. Marsh	01/28/2013										
Douglas L. Parks	01/24/2013										
RECEIVING PARTY DATA											
Name:	GM Global Technology Operations LLC										
Street Address:	300 Renaissance Center										
Internal Address:	Mail Code 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>13747922</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13747922						
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Application Number:	13747922										
CORRESPONDENCE DATA											
Fax Number:	9374496405										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	937-449-6400										
Email:	karen.ochsenbein@dinsmore.com										
Correspondent Name:	Dinsmore & Shohl LLP										
Address Line 1:	Fifth Third Center, One South Main St.										
Address Line 2:	Suite 1300										
Address Line 4:	Dayton, OHIO 45402										
ATTORNEY DOCKET NUMBER:	P020171-BAT-CHE										
NAME OF SUBMITTER:	Jason M. Williams										

CH \$40.00 13747922

Total Attachments: 4

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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 P020171-BAT-CHE entitled

COOLANT LOSS DETECTION AND REMEDIATION IN A LIQUID COOLED BATTERY PACK

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 75510 to insert the application number and filing date of said application here in parentheses (13/747,922 filed January 23, 2013) 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
61/590558 25-JAN-2012

Inventor's signature Scott M. Skelton Date 1/24/13

Full name : SCOTT M. SKELTON
Residence : BELLEVILLE, MICHIGAN

Inventor's signature _____ Date _____

Full name : KULWINDER SINGH
Residence : LAKE ORION, MICHIGAN

Inventor's signature _____ Date _____

Full name : RICHARD A. MARSH
Residence : BEVERLY HILLS, MICHIGAN

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US Provisional Serial No 61/590558 Filed 25-JAN-2012

Inventor's signature _____ Date _____

Full name : SCOTT M. SKELTON

Residence : BELLEVILLE, MICHIGAN

Inventor's signature Kulwinder Singh Date Jan 29, 2013

Full name : KULWINDER SINGH

Residence : LAKE ORION, MICHIGAN

Inventor's signature _____ Date _____

Full name : RICHARD A. MARSH

Residence : BEVERLY HILLS, MICHIGAN

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Full name : SCOTT M. SKELTON

Residence : BELLEVILLE, MICHIGAN

Inventor's signature _____ Date _____

Full name : KULWINDER SINGH

Residence : LAKE ORION, MICHIGAN

Inventor's signature Richard A Marsh Date 1/28/13

Full name : RICHARD A. MARSH

Residence : BEVERLY HILLS, MICHIGAN

Inventor's signature



A handwritten signature in black ink, appearing to read 'D. L. Parks', written over a horizontal line.

Date 1/24/2013

Full name : DOUGLAS L PARKS

Residence : BRIGHTON, MICHIGAN