

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Brian J. KOCH</td> <td>11/28/2007</td> </tr> <tr> <td>Robert S. CONELL</td> <td>11/29/2007</td> </tr> <tr> <td>Mark W. VERBRUGGE</td> <td>11/28/2007</td> </tr> <tr> <td>Gregory P. MEISNER</td> <td>11/29/2007</td> </tr> </tbody> </table>		Name	Execution Date	Brian J. KOCH	11/28/2007	Robert S. CONELL	11/29/2007	Mark W. VERBRUGGE	11/28/2007	Gregory P. MEISNER	11/29/2007
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RECEIVING PARTY DATA											
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										
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>13415640</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13415640						
Property Type	Number										
Application Number:	13415640										
CORRESPONDENCE DATA											
Fax Number:	(480)385-5061										
Phone:	4803855060										
Email:	docketing@ifllaw.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	INGRASSIA FISHER & LORENZ, P.C.										
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Address Line 4:	Scottsdale, ARIZONA 85253										
ATTORNEY DOCKET NUMBER:	P003321(DIV3)003.0472D1D2										
NAME OF SUBMITTER:	Arno Tedford Naeckel										

CH \$40.00 13415640

Total Attachments: 5

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ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS, INC., the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P003321-NAPD-TJM (003.0472) entitled

METHOD AND SYSTEM FOR DETERMINING A STATE OF CHARGE OF A BATTERY

for which application for Letters Patent of the United States:

- has been executed on even date herewith;
 executed on _____;
 was filed on November 29, 2007 and assigned U.S. Serial No. 11/947,466 ;

ASSIGNOR hereby authorizes GM GLOBAL TECHNOLOGY OPERATIONS, INC., its successors and assigns, its legal representatives, or anyone it may properly designate, to insert in this instrument the filing date and/or serial number of said application when ascertained.

Inventor's signature *Brian J. Koch* Date 11/28/07
Full name : BRIAN J. KOCH
Residence : BERKLEY, MICHIGAN

Inventor's signature *Robert S. Conell* Date 11 29 07
Full name : ROBERT S. CONELL
Residence : STERLING HEIGHTS, MICHIGAN

Inventor's signature *Mark W. Verbrugge* Date 11/28/07
Full name : MARK W. VERBRUGGE
Residence : TROY, MICHIGAN

Inventor's signature *Gregory P. Meisner* Date 11/29/07
Full name : GREGORY P. MEISNER
Residence : ANN ARBOR, MICHIGAN

Delaware

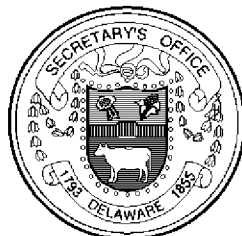
PAGE 1

The First State


I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "GM GLOBAL TECHNOLOGY OPERATIONS, INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "GM GLOBAL TECHNOLOGY OPERATIONS, INC." TO "GM GLOBAL TECHNOLOGY OPERATIONS LLC", FILED IN THIS OFFICE ON THE FIRST DAY OF DECEMBER, A.D. 2010, AT 11:30 O'CLOCK A.M.

3908703 8100V

101134735



You may verify this certificate online
at corp.delaware.gov/authver.shtml


Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 8392052

DATE: 12-02-10

PATENT
REEL: 027834 FRAME: 0513

Delaware

PAGE 2

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF CERTIFICATE OF FORMATION OF "GM GLOBAL TECHNOLOGY OPERATIONS LLC" FILED IN THIS OFFICE ON THE FIRST DAY OF DECEMBER, A.D. 2010, AT 11:30 O'CLOCK A.M.



3908703 8100V

101134735

You may verify this certificate online
at corp.delaware.gov/authver.shtml


Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 8392052

DATE: 12-02-10

PATENT
REEL: 027834 FRAME: 0514

STATE OF DELAWARE
CERTIFICATE OF CONVERSION
FROM A CORPORATION TO A
LIMITED LIABILITY COMPANY PURSUANT TO
SECTION 18-214 OF THE LIMITED LIABILITY ACT

- 1.) The jurisdiction where the Corporation first formed is Delaware.
- 2.) The jurisdiction immediately prior to filing this Certificate is Delaware.
- 3.) The date the corporation first formed is January 14, 2005.
- 4.) The name of the Corporation immediately prior to filing this Certificate is
GM Global Technology Operations, Inc.
- 5.) The name of the Limited Liability Company as set forth in the Certificate of
Formation is GM Global Technology Operations LLC.

IN WITNESS WHEREOF, the undersigned have executed this Certificate on the
1st day of December, A.D. 2010.

By: Barbara A. Lister-Tait
Authorized Person

Name: Barbara A. Lister-Tait
Print or Type

CERTIFICATE OF FORMATION
OF
GM GLOBAL TECHNOLOGY OPERATIONS LLC

1. The name of the limited liability company is GM Global Technology Operations LLC.

2. The address of its registered office in the State of Delaware is Corporation Trust Center, 1209 Orange Street, in the City of Wilmington, County of New Castle. The name of its registered agent at such address is The Corporation Trust Company.

IN WITNESS WHEREOF, the undersigned have executed this Certificate of Formation of GM Global Technology Operations LLC this 1st day of December, 2010.


Barbara A. Lister-Tait
Authorized Person