

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Melinda Anderson-Straley</td> <td>06/21/2012</td> </tr> <tr> <td>Neil Carpenter</td> <td>06/21/2012</td> </tr> <tr> <td>Greg Fritz</td> <td>06/27/2012</td> </tr> <tr> <td>Rick Rajaie</td> <td>07/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Melinda Anderson-Straley	06/21/2012	Neil Carpenter	06/21/2012	Greg Fritz	06/27/2012	Rick Rajaie	07/06/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Magna E-Car Systems of America, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>4121 North Atlantic Boulevard</td> </tr> <tr> <td>City:</td> <td>Auburn Hills</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>48362</td> </tr> </table>		Name:	Magna E-Car Systems of America, Inc.	Street Address:	4121 North Atlantic Boulevard	City:	Auburn Hills	State/Country:	MICHIGAN	Postal Code:	48362
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CORRESPONDENCE DATA											
<p>Fax Number: 4169813366 Phone: 4163632775 Email: mlacroix@millmanip.com <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: Millman IP Inc. Address Line 1: 100 King St. W Address Line 2: Suite 5600 Address Line 4: Toronto, CANADA M5X3C9</p>											
ATTORNEY DOCKET NUMBER:	MAG-547										
NAME OF SUBMITTER:	Jay M. Millman										

OP \$40.00 13531152

Total Attachments: 5

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PATENT

REEL: 028737 FRAME: 0063

ASSIGNMENT

WHEREAS ANDERSON-STRALEY, Melinda, a United States citizen, **CARPENTER, Neil**, a United States citizen, **FRITZ, Greg**, a United States citizen, and **RAJAIE, Rick**, a Canadian citizen, whose postal addresses are: PO Box 537, Linden, Michigan, 48451, USA; 8343 High Meadow Trail, Clarkston, Michigan, 48348, USA; 364 Roth Blvd., Clawson, Michigan, 48017, USA; and 1763 Quincy Drive, Rochester Hills, Michigan, 48306, USA, respectively, invented a certain new and useful invention relating to:

THERMAL MANAGEMENT SYSTEM USING A PHASE-CHANGE MATERIAL FOR VEHICLE WITH ELECTRONIC DRIVE MOTOR

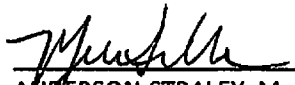
for which a patent application was filed on June 22, 2011 in the United States Patent and Trademark Office as Serial No. 61/499,776 and filed on December 12, 2011 in the United States Patent and Trademark Office as Serial No. 61/569,515, and for which a utility patent application is to be filed on June 22, 2012 in the United States Patent and Trademark Office.

WHEREAS, MAGNA E-CAR SYSTEMS OF AMERICA, INC., a Delaware corporation, having a place of business at 4121 North Atlantic Boulevard, Auburn Hills, Michigan 48362, USA., is desirous of acquiring the entire and exclusive right, title and interest in and to the said invention, said patent application and in and to any Letters Patent which may be granted and issued therefor in Canada, the United States of America and throughout the world;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, **ANDERSON-STRALEY, Melinda, CARPENTER, Neil, FRITZ, Greg, and RAJAIE, Rick**, confirm that they have sold, assigned and transferred, and do hereby sell, assign and transfer to **MAGNA E-CAR SYSTEMS OF AMERICA, INC.**, its successors and assigns, the entire and exclusive right, title and interest in and to said invention, said patent application, including the right to file priority applications, any improvements thereto, and in and to any Letters Patent, continuations, continuation-in-part, re-issue, re-exam or divisions, which may be granted and issued therefor in the United States of America, Canada and throughout the world;

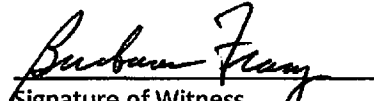
ANDERSON-STRALEY, Melinda, CARPENTER, Neil, FRITZ, Greg, and RAJAIE, Rick, hereby authorize and request **MAGNA E-CAR SYSTEMS OF AMERICA, INC.**, and its agents and representatives, to insert in parentheses (US Patent Application serial number US/ 13/531,152) the application number of the above United States utility patent application when known.

ANDERSON-STRALEY, Melinda, CARPENTER, Neil, FRITZ, Greg, and RAJAIE, Rick AGREE to do all things reasonably required of them and to execute all instruments submitted to them by the assignee for carrying out the full intent of this agreement; and ANDERSON-STRALEY, Melinda, CARPENTER, Neil, FRITZ, Greg, and RAJAIE, Rick hereby request and authorize the Patent Office to issue the said Letters Patent to MAGNA E-CAR SYSTEMS OF AMERICA, INC. its successors and assigns.

EXECUTED at MAGNA E-CAR SYSTEMS, this 21st day of JUNE, 2012.
10456 N. HOLLY RD
HOLLY MI 48442

ANDERSON-STRALEY, Melinda

STATEMENT BY WITNESS

I, BARBARA FRANZ, whose full post office address is
10456 N. HOLLY RD, HOLLY MI 48442 was personally present and did see ANDERSON-STRALEY, Melinda, who is known to me, execute the above Assignment.


Signature of Witness

EXECUTED at _____, this _____ day of _____, 2012.

CARPENTER, Neil

STATEMENT BY WITNESS

I, _____, whose full post office address is
_____ was personally present and did see CARPENTER, Neil, who is known to me, execute the above Assignment.

Signature of Witness

ANDERSON-STRALEY, Melinda, CARPENTER, Neil, FRITZ, Greg, and RAJAIE, Rick AGREE to do all things reasonably required of them and to execute all instruments submitted to them by the assignee for carrying out the full intent of this agreement; and ANDERSON-STRALEY, Melinda, CARPENTER, Neil, FRITZ, Greg, and RAJAIE, Rick hereby request and authorize the Patent Office to issue the said Letters Patent to MAGNA E-CAR SYSTEMS OF AMERICA, INC. its successors and assigns.

EXECUTED at _____, this _____ day of _____, 2012.

ANDERSON-STRALEY, Melinda

STATEMENT BY WITNESS

I, _____, whose full post office address is _____ was personally present and did see ANDERSON-STRALEY, Melinda, who is known to me, execute the above Assignment.

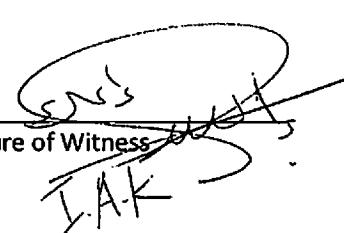
Signature of Witness

EXECUTED at 3:24 PM @ MAGNA E-CAR SYSTEMS, this 21ST day of JUNE, 2012.


CARPENTER, Neil

STATEMENT BY WITNESS

I, Ibrahim Alkeilani, whose full post office address is 200 Amys Walk, Auburn Hills, MI 48326 was personally present and did see CARPENTER, Neil, who is known to me, execute the above Assignment.


Signature of Witness

EXECUTED at 364 Roth Blvd, this 27 day of June, 2012.
Clawson MI 48017

Greg Fritz
FRITZ, Greg

STATEMENT BY WITNESS

I, Bretta Fritz, whose full post office address is
364 Roth Blvd Clawson MI 48017 was personally present and did see FRITZ, Greg,
who is known to me, execute the above Assignment.

[Signature]
Signature

EXECUTED at _____, this _____ day of _____, 2012.

RAJAIE, Rick

STATEMENT BY WITNESS

I, _____, whose full post office address is
_____ was personally present and did see RAJAIE, Rick,
who is known to me, execute the above Assignment.

Signature of Witness

709241

EXECUTED at _____, this _____ day of _____, 2012.


FRITZ, Greg

STATEMENT BY WITNESS

I, _____, whose full post office address is _____
_____ was personally present and did see FRITZ, Greg,
who is known to me, execute the above Assignment.

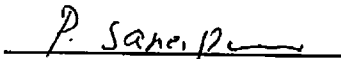
Signature

EXECUTED at Auburn Hills, MI, this 6th day of July, 2012.


RAJAIE, Rick

STATEMENT BY WITNESS

I, PARWA SANEI POR R, whose full post office address is
1763 Quincy Dr., Rochester Hills, MI was personally present and did see RAJAIE, Rick,
who is known to me, execute the above Assignment.


Signature of Witness

709241