

PATENT ASSIGNMENT COVER SHEET

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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>PIRANAVAN SUNTHARALINGAM</td> <td>01/21/2014</td> </tr> <tr> <td>ALI EMADI</td> <td>01/21/2014</td> </tr> </tbody> </table>		Name	Execution Date	PIRANAVAN SUNTHARALINGAM	01/21/2014	ALI EMADI	01/21/2014				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>MCMASTER UNIVERSITY</td> </tr> <tr> <td>Street Address:</td> <td>1280 MAIN STREET WEST</td> </tr> <tr> <td>City:</td> <td>HAMILTON</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> <tr> <td>Postal Code:</td> <td>L8S 4L8</td> </tr> </table>		Name:	MCMASTER UNIVERSITY	Street Address:	1280 MAIN STREET WEST	City:	HAMILTON	State/Country:	CANADA	Postal Code:	L8S 4L8
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CORRESPONDENCE DATA											
<p>Fax Number: (416)361-1398 Phone: 416-364-7311 Email: ltaggart@bereskinparr.com <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i> Correspondent Name: BERESKIN & PARR LLP/S.E.N.C.R.L., S.R.L. Address Line 1: 40 KING STREET Address Line 2: 40TH FLOOR Address Line 4: TORONTO, CANADA M5H 3Y2</p>											
ATTORNEY DOCKET NUMBER:	3244-P43357US00										
NAME OF SUBMITTER:	STEPHEN M. BENEY										
Signature:	/Stephen M. Beney/										
Date:	01/23/2014										
Total Attachments: 2 source=assignment#page1.tif source=assignment#page2.tif											

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of all of which is hereby acknowledged, we, **Piranavan Suntharalingam** and **Ali Emadi**, whose full post office addresses are 114 Emersion Street, Hamilton, Ontario, L8S 2X8, Canada and 396 Plains Road East, #509, Burlington, Ontario, L7T 2C8, Canada, respectively, hereby confirm that we have sold and assigned, and do hereby sell and assign to **McMaster University** whose full post office address is 1280 Main Street West, Hamilton, Ontario, L8S 4L8, Canada, as assignee, all our right, title and interest for the United States of America, and all other countries in and to an invention entitled:

POWERTRAIN SYSTEM FOR HYBRID VEHICLES HAVING COMPOUND AND SPLIT MODES OF OPERATION

as described and illustrated in **United States Patent Application Number 13/850,741** filed March 26, 2013 and **Canadian Patent Application Number 2,810,938** filed March 26, 2013 and all our right, title and interest in and to said patent applications and in and to any divisions, continuations, extensions of, and supplementary disclosures thereto, and in and to any patents that may be granted for said invention and in and to any additions or modifications to said invention.

We agree that we will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said inventions and for additions and modifications thereto in any and all countries, and to vest title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said invention or for additions and modifications thereto, filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

The Commissioner of Patents & Trademarks is hereby authorized and requested to issue said Letters Patent to said **McMaster University** the assignee of the entire right, title and interest in and to the same, for its sole use and benefit; and

for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

The undersigned hereby grant the firm of Bereskin & Parr LLP/S.E.N.C.R.L., s.r.l. (40 King Street West, 40th Floor, Toronto, Ontario, Canada M5H 3Y2) the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other Patent Offices in the world for recordation of this document.

EXECUTED, at Hamilton, Ontario, this 21st day of
January, 2014.

Sharon Mitchell
Witness

S. Piraman
Piranavan Suntharalingam

EXECUTED, at Hamilton, Ontario, this 21st day of
January, 2014.

Sharon Mitchell
Witness

Ali Emadi
Ali Emadi