

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC.	02/16/2016
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14231537
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>SIGNATURE:</b>	/Ketan S. Vakil/
<b>DATE SIGNED:</b>	02/19/2016
<b>Total Attachments: 1</b>	
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### ASSIGNMENT

**WHEREAS, Toyota Motor Engineering & Manufacturing North America, Inc.**, a Corporation organized and pursuant to the laws of Kentucky, having its principal place of business at 25 Atlantic Avenue, Erlanger, Kentucky 41018 (hereinafter referred to as Assignor), is the sole and exclusive owner, by assignment, of the Letters Patent listed in Schedule A; and

**WHEREAS, Toyota Jidosha Kabushiki Kaisha**, a Corporation organized under and pursuant to the laws of Japan, having its principal place of business at 1 Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title, and interest in, to and under said Letters Patent and the invention covered thereby;

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the said Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer, and set over to the said Assignee, the entire right, title, and interest for the United States of America and all other countries in and to said Letters Patent listed on *Schedule A*. The same to be held and enjoyed by the same Assignee, for its own use and enjoyment of its successors, assigns, and other legal representatives, to the end of the term or terms for which Letters Patent of the United States and all other countries listed on the attached *Schedule A* are granted or reissued or reexamined as fully and entirely as the same would have been held and enjoyed by the said Assignor, if this assignment and sale had not been made, together with all claims for damages by reason of past infringement of Letters Patent listed on *Schedule A*, with the right to sue for, and collect the same for its own use and behoof, and for the use and behoof of its successors, assigns, or other legal representatives.

#### SCHEDULE A

Patent Number	Date of Patent	Inventors	Title	Country
9,266,443	February 23, 2016	Joshua D. Payne Mohammad E. Dufford Eiji Fukushima	System and Method for Adaptive Battery Charge and Discharge Rates and Limits on Known Routes	USA

Date: 2/16/16

Signature: 