

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>Ercan Mehmet Dede</td> <td>05/31/2012</td> </tr> <tr> <td>Debasish Banerjee</td> <td>05/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ercan Mehmet Dede	05/31/2012	Debasish Banerjee	05/31/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Toyota Motor Engineering & Manufacturing North America, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>25 Atlantic Avenue</td> </tr> <tr> <td>City:</td> <td>Erlanger</td> </tr> <tr> <td>State/Country:</td> <td>KENTUCKY</td> </tr> <tr> <td>Postal Code:</td> <td>41018</td> </tr> </table>		Name:	Toyota Motor Engineering & Manufacturing North America, Inc.	Street Address:	25 Atlantic Avenue	City:	Erlanger	State/Country:	KENTUCKY	Postal Code:	41018
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CORRESPONDENCE DATA											
<p>Fax Number: (513)977-8141</p> <p>Phone: 513-977-8200</p> <p>Email: bonnie.boaz@dinsmore.com</p> <p><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: Dinsmore & Shohl LLP</p> <p>Address Line 1: 255 East Fifth Street, Suite 1900</p> <p>Address Line 4: Cincinnati, OHIO 45202</p>											
ATTORNEY DOCKET NUMBER:	22562-653/2011-322										
NAME OF SUBMITTER:	Nicholaus R. Rericha										
<p>Total Attachments: 1</p> <p>source=22562-653_FINAL_Assign#page1.tif</p>											

OP \$40.00 13492087

ASSIGNMENT

WHEREAS, we, **Ercan Mehmet Dede** of 708 Barton Dr., Ann Arbor, Michigan 48105, and **Debasish Banerjee** of 2428 Leslie Circle, Ann Arbor, Michigan 48105 invented certain new and useful **Magnetic Field Manipulation Devices And Actuators Incorporating The Same** for which we executed an application for a United States Patent and for which said application for United States Patent was filed on 6/8/2012, under

☒ Patent Application Serial No. 13/492,087

☒ Attorney Docket No. 22562-653/2011-322;

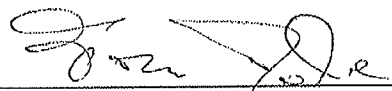
WHEREAS, we hereby authorize and request the attorney(s) and/or agent(s) empowered to act on **Toyota Motor Engineering & Manufacturing North America, Inc.**'s behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;


AND WHEREAS, **Toyota Motor Engineering & Manufacturing North America, Inc.**, a corporation of the State of Kentucky, with a place of business at 25 Atlantic Avenue, Erlanger, KY 41018, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, we hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to said application and any divisions or continuations thereof, and the inventions therein disclosed, and any improvements thereon, and any patent or patents that may be issued or reissued thereon, and we hereby authorize and request the Commissioner of Patents and Trademarks to issue any letters patent thereon, and reissues thereof, to said Assignee, its successors and assigns; and we hereby authorize said Assignee, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and we hereby agree that, upon request, we will sign all papers, and make all rightful oaths, and do all acts which said Assignee, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

Date: 5/31/12

Date: 5/31/12



Ercan Mehmet Dede


Debasish Banerjee