PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael Paul ROWE	04/25/2011
Li Qin ZHOU	04/25/2011

RECEIVING PARTY DATA

Name:	TOYOTA MOTOR ENGINEERING AND MANUFACTURING NORTH AMERICA (TEMA)	
Street Address:	25 Atlantic Avenue	
City:	state/Country: KENTUCKY	
State/Country:		
Postal Code:		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13094479

CORRESPONDENCE DATA

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NAME OF SUBMITTER: Ronita Fleming

Total Attachments: 2

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PATENT REEL: 026195 FRAME: 0477

continuations, substitutions and renewals thereof.

Assignment of Application

INSERT NAMES	WHEREAS, I (WE) Michael Paul ROWE, 155 Knollwood St., Pinckney, MI 48169				
AND RESIDENCE ADDRESS OF	Li Qin ZHOU, 2915 Aspen Ridge Drive, Ann Arbor, MI 48103				
THE INVENTORS					
	, , , , ,	spectively,			
INSERT TITLE OF	have invented certain new and useful improvements in: TERNARY THERMOELECTRIC MATERIAL				
INVENTION	CONTAINING NANOPARTICLES AND PROCESS FOR PRODUCING THE SAME				
	(Application No. <u>13/094,479</u> , filed <u>April 26, 2011</u>), and			
	WHEREAS, TOYOTA MOTOR ENGINEERING AND MANUFACTURING NORTH AMERICA (T	EMA)			
INSERT NAME AND ADDRESS OF COMPANY OR	(hereinafter referred to as "ASSIGNEE") having a place of business at: 25 Atlantic Avenue, Erlanger, KY				
OTHER ASSIGNEE	desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Pater be granted therefore in the United States and its territorial possessions and in any and all foreign countries;	it that may			
	NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign as unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its	nd transfer			

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues,

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: _	4/25/11	(Signature of Inventor) Michael Paul ROWE
Date: _	4/25/11	(Signature of Inventor) Li Qin ZHOU
Date: _		(Signature of Inventor)
Date: _		(Signature of Inventor)
Date: _		(Signature of Inventor)
Date: _		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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RECORDED: 04/28/2011

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