

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Wen Li</td> <td>01/31/2007</td> </tr> <tr> <td>Junzo Ukai</td> <td>07/19/2006</td> </tr> <tr> <td>Hiroaki Awano</td> <td>07/21/2006</td> </tr> <tr> <td>Yutaka Oyama</td> <td>07/25/2006</td> </tr> <tr> <td>Masaki Matsui</td> <td>07/21/2006</td> </tr> <tr> <td>Gerald Perron</td> <td>07/19/2006</td> </tr> <tr> <td>Michel B. Armand</td> <td>01/28/2007</td> </tr> </tbody> </table>		Name	Execution Date	Wen Li	01/31/2007	Junzo Ukai	07/19/2006	Hiroaki Awano	07/21/2006	Yutaka Oyama	07/25/2006	Masaki Matsui	07/21/2006	Gerald Perron	07/19/2006	Michel B. Armand	01/28/2007
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Michel B. Armand	01/28/2007																
<b>RECEIVING PARTY DATA</b>																	
<b>Name:</b>	Toyota Motor Engineering & Manufacturing North America, Inc.																
<b>Street Address:</b>	25 Atlantic Avenue																
<b>City:</b>	Erlanger																
<b>State/Country:</b>	KENTUCKY																
<b>Postal Code:</b>	41018																
<b>PROPERTY NUMBERS Total: 1</b>																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11080592</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11080592												
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<b>CORRESPONDENCE DATA</b>																	
Fax Number:	(248)647-5210																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	248 647-6000																
Email:	docket@patlaw.com																
Correspondent Name:	Thomas E. Anderson																
Address Line 1:	P.O. Box 7021																
Address Line 4:	Troy, MICHIGAN 48007																
<b>ATTORNEY DOCKET NUMBER:</b>	TTC-15502/08																

OP \$40.00 11080592

NAME OF SUBMITTER:

Thomas E. Anderson

**Total Attachments: 8**

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## ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this \_\_\_\_\_ day of

\_\_\_\_\_, \_\_\_\_\_, by Wen Li; Junzo Ukai; Hiroaki Awano; Yutaka Oyama; Masaki Matsui; Gerald Perron; and Michel B. Armand ( hereinafter referred to as Assignors) , residing at 274 Village Green Blvd., #201, Ann Arbor, Michigan 48105; 6-16 Kawana-honmachi, Skowaka, Nagoya Aichi, JAPAN; 1200, Mishuku, Susono, Shizuoka, 410-1193, JAPAN; 1, Toyota-cho, Toyota, Aichi, 471-8572, JAPAN; 1200, Mishuku, Susono, Shizuoka, 410-1193, JAPAN; 782-5 Boulevard du Fort St. Louis, Boucherville, Quebec 34B 1T4, CANADA; and 150 impasse des Corjons, Saint Martin D'uriage 38410, FRANCE, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in CORROSION PROTECTION USING CARBON COATED ELECTRON COLLECTOR FOR LITHIUM-ION BATTERY WITH MOLTEN SALT ELECTROLYTE, set forth in a Patent application for Letters Patent of the United States, already filed on March 15, 2005 as U.S. Application No. 11/080,592; and

WHEREAS, Toyota Motor Engineering & Manufacturing North America, Inc., a corporation organized under and pursuant to the laws of Kentucky, having its principal place of business at 1555 Woodridge Avenue, RR #1, Ann Arbor, Michigan 48105; Toyota Motor Corporation, a corporation organized under and pursuant to the laws of Japan, having its principal place of business at 1 Toyota-Cho, Toyota City, Aichi Prefecture, 471-

8571, JAPAN; Centre National de la Recherche Scientifique, organized under and pursuant to the laws of France, having its principal place of business at 3, Michel-Ange, 75794 Paris, Cedex 16, FRANCE; University de Montreal, organized under and pursuant to the laws of Canada, having its principal place of business at 2900, Edouard-Montpetit, Montreal, Quebec, H3T 1J4, CANADA, (hereinafter referred to as Assignees), are desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignees, their successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignees, for their own use and benefit and the use and benefit of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended,

as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignees, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignees under law or that have already been transferred to Assignees, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignees, their successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignees, their successors, legal representatives and assigns, whenever counsel of Assignees, or counsel of their successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country,

including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignees, as Assignees of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignees, their successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals 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 for recordation of this document:

GIFFORD, KRASS, GROH, SPRINKLE, ANDERSON & CITKOWSKI, P.C.

All practitioners at Customer Number 25006

AND Assignors acknowledge an obligation of assignment of this invention to Assignees at the time the invention was made.

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Wen Li

Date: July 19th '06 Signature: *Junzo Ukai*  
Junzo Ukai

Date: July 21th '06 Signature: *Hiroaki Awano*  
Hiroaki Awano

Date: July 25th '06 Signature: *Yutaka Oyama*  
Yutaka Oyama

Date: July 21th '06 Signature: *Masaki Matsui*  
Masaki Matsui

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Gerald Perron

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Michel B. Armand

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Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Wen Li

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Junzo Ukai

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Hiroaki Awano

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Yutaka Oyama

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Masaki Matsui

Date: July 19 2006 Signature:   
Gerald Perron

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Michel B. Armand



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Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
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Junzo Ukai

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Hiroaki Awano

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Yutaka Oyama

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Masaki Matsui

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Gerald Perron

Date: Jan 28, 2007 Signature: Michel B. Armand  
Michel B. Armand

**Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)**

Docket No.  
TTC-15502/08

*Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");*

*And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;*

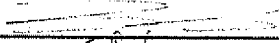

*Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;*

*We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;*

*And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;*

*And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.*

*Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)*

Name	Signature/Date
Wen Li	 1/31/07
Junzo Ukai	
Shoji Yokoishi	
Keiichi Kohama	
Yutaka Oyama	
Gerald Perron	
Michel Armond	

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