

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Pu Zhang	07/17/2006
Junqing Ma	07/17/2006
Suresh Mani	07/17/2007
Monique Richard	07/21/2006
Shoji Yokoishi	09/15/2006
Brian Glomski	07/17/2006
Liya Wang	07/17/2006
Shih-Chieh Yin	07/17/2006
Kimber L. Stamm	07/21/2006
Chris Silkowski	07/17/2006
John Miller	07/18/2006
Wen Li	07/26/2006

RECEIVING PARTY DATA

Name:	Toyota Motor Corporation
Street Address:	1 Toyota-Cho
City:	Toyota Aichi
State/Country:	JAPAN
Postal Code:	471-8571

Name:	Toyota Motor Engineering & Manufacturing North America, Inc.
Street Address:	25 Atlantic Avenue
City:	Erlanger
State/Country:	KENTUCKY
Postal Code:	41018

PROPERTY NUMBERS Total: 1

Property Type	Number

PATENT

500388653

REEL: 020049 FRAME: 0922

CH \$40.00 11463394

Application Number:

11463394

CORRESPONDENCE DATA

Fax Number: (248)647-5210

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 248-647-6000

Email: docket@patlaw.com

Correspondent Name: Gifford, Krass, Sprinkle, Anderson, Citk

Address Line 1: 2701 Troy Center Drive

Address Line 2: Suite 330

Address Line 4: Troy, MICHIGAN 48007

ATTORNEY DOCKET NUMBER:

TTC-29002/08

NAME OF SUBMITTER:

Mark A. Harper, Ph.D.

Total Attachments: 8

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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 15th day of September, 2006, by Pu Zhang, residing at 2786 S. Knightsbridge Circle, Ann Arbor, Michigan 48105; Junqing Ma, residing at 2747 Arrowwood Trail, Ann Arbor, Michigan 48105; Suresh Mani, residing at 2751 Georgetown Blvd., Ann Arbor, Michigan 48105; Monique Richard, residing at 1326 North Bay Drive, Ann Arbor, Michigan 48103; Shoji Yokoishi, residing at 1200 Misyuku, Susono Shizuoka, 410-1107, JAPAN; Brian Glomski, residing at 2125 Midvale, Ypsilanti, Michigan 48197; Liya Wang, residing at 4822 Hillway Court, Ann Arbor, Michigan 48105; Shih-Chieh Yin, residing at 2560 Breckenridge Drive, Ann Arbor, Michigan 48103; Kimber L. Stamm, residing at 321 8th Street #1, Ann Arbor, Michigan 48105; Chris Silkowski, residing at 30537 Seven Mile, Livonia, Michigan 48152; John Miller, residing at 91 Marlboro Avenue, Eugene, Oregon 97405; and Wen Li, residing at 274 Village Green Blvd., #201, Ann Arbor, Michigan 48105 (hereinafter referred to as Assignors);

WHEREAS, Assignors have invented certain new and useful improvements in HIGH PERFORMANCE ANODE MATERIAL FOR LITHIUM-ION BATTERY, set forth in a Patent application for Letters Patent of the United States, already filed on 08/09/2006 as U.S. Application No. 11/463,394; and

WHEREAS, Toyota Motor Corporation, and Toyota Motor Engineering & Manufacturing North America, Inc., both Corporations, having its principal place of business at 1 Toyota-Cho, Toyota Aichi, 471-8571, JAPAN, organized under and pursuant to the laws of Japan; and 25 Atlantic Avenue, Erlanger, Kentucky 41018, organized under and pursuant to the laws of Kentucky; (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,

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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, SPRINKLE, ANDERSON & CITKOWSKI, P.C.

All practitioners at Customer Number 63796

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

Date: July 17, 2006

Signature: _____

Pu Zhang

Date: July 17, 2006

Signature: _____

Junqing Ma

Date: July 17, 2007

Signature: _____

Suresh Mani

Date: 7-21-06

Signature: 
Monique Richard


Date: 09-15-06

Signature: 
Shoji Yokoishi

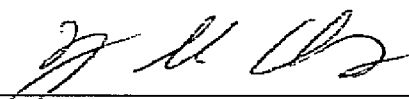
Date: 7-17-6

Signature: 
Brian Glomski

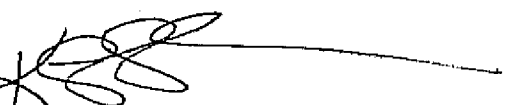
Date: 07-17-06

Signature: 
Liya Wang


Date: 07-17-06

Signature: 
Shih-Chieh Yin

Date: 7-21-06

Signature: 
Kimber L. Stamm

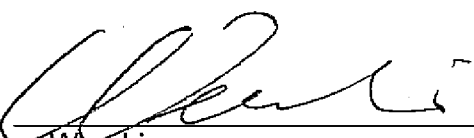
Date: 7/17/2006

Signature: 
Chris Silkowski

Date: _____

Signature: _____
John Miller

Date: 07/26/06

Signature: 
Wen Li

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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.

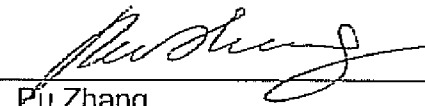
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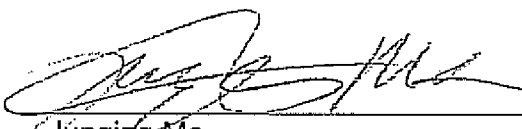
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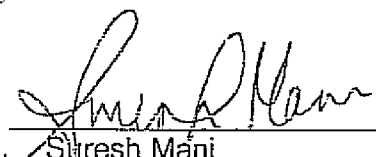
GIFFORD, KRASS, SPRINKLE, ANDERSON & CITKOWSKI, P.C.

All practitioners at Customer Number 63796

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Date: _____ Signature: _____
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Date: July 18, 2006. Signature: 
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