

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>Teppei TAKAHASHI</td> <td>01/24/2012</td> </tr> <tr> <td>Yoshito ISHII</td> <td>01/24/2012</td> </tr> <tr> <td>Keiji OKABE</td> <td>01/24/2012</td> </tr> <tr> <td>Yuriko IDA</td> <td>01/25/2012</td> </tr> <tr> <td>Nobushige NAKAMURA</td> <td>01/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Teppei TAKAHASHI	01/24/2012	Yoshito ISHII	01/24/2012	Keiji OKABE	01/24/2012	Yuriko IDA	01/25/2012	Nobushige NAKAMURA	01/24/2012
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RECEIVING PARTY DATA													
Name:	HITACHI CHEMICAL COMPANY, LTD.												
Street Address:	1-1, Nishishinjuku 2-chome, Shinjuku-ku,												
City:	Tokyo												
State/Country:	JAPAN												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13503879</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13503879								
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Application Number:	13503879												
CORRESPONDENCE DATA													
Fax Number:	(703)312-6666												
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Correspondent Name:	ANTONELLI, TERRY, STOUT & KRAUS, LLP												
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Address Line 2:	SUITE 1800												
Address Line 4:	ARLINGTON, VIRGINIA 22209-3873												
ATTORNEY DOCKET NUMBER:	1204.52387X00												
NAME OF SUBMITTER:	William I. Solomon												
Total Attachments: 1 source=52387X00ASN#page1.tif													

OP \$40.00 13503879

2010-017-7319
7/10

ASSIGNMENT

ATTY. DOCKET NO.:

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to
**CARBON PARTICLES FOR NEGATIVE ELECTRODE OF LITHIUM ION SECONDARY BATTERY,
NEGATIVE ELECTRODE FOR LITHIUM ION SECONDARY BATTERY, AND LITHIUM ION
SECONDARY BATTERY**

for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.

for which U.S. Application Serial No. _____ for Letters Patent was filed in the U.S. Patent and Trademark Office on _____

for which an International Application was filed on **October 20, 2010** as **PCT/JP2010/068488**, designating the United States.

AND WHEREAS **HITACHI CHEMICAL COMPANY, LTD.**, Japanese company at
1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo Japan

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Antonelli, Terry, Stout, Kraus, LLP 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.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

	FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
201	Teppe TAKAHASHI	<i>Teppe Takahashi</i>	January 24, 2012
202	Yoshito ISHII	<i>Yoshito Ishii</i>	January 24, 2012
203	Keiji OKABE	<i>Keiji Okabe</i>	January 24, 2012
204	Yuriko IDA	<i>Yuriko Ida</i>	January 25, 2012
205	Nobushige NAKAMURA	<i>Nobushige Nakamura</i>	January 24, 2012
206	FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
207	FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE

PATENT