

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Toshiyuki YAMAOKA</td> <td>08/05/2010</td> </tr> <tr> <td>Naoki HIGUCHI</td> <td>08/05/2010</td> </tr> <tr> <td>Makoto NARISAKO</td> <td>08/05/2010</td> </tr> <tr> <td>Daisuke KOBAYASHI</td> <td>08/05/2010</td> </tr> </tbody> </table>		Name	Execution Date	Toshiyuki YAMAOKA	08/05/2010	Naoki HIGUCHI	08/05/2010	Makoto NARISAKO	08/05/2010	Daisuke KOBAYASHI	08/05/2010
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Nippon Mining & Metals Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>10-1, Toranomom 2-chome, Minato-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>105-0001</td> </tr> </table>		Name:	Nippon Mining & Metals Co., Ltd.	Street Address:	10-1, Toranomom 2-chome, Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	105-0001
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CORRESPONDENCE DATA											
<p>Fax Number: (703)205-8050</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-205-8000</p> <p>Email: twyatt@bskb.com</p> <p>Correspondent Name: Birch, Stewart, Kolasch & Birch, LLP</p> <p>Address Line 1: P.O. Box 747</p> <p>Address Line 4: Falls Church, VIRGINIA 22040-0747</p>											
ATTORNEY DOCKET NUMBER:	5526-0118PUS1										
NAME OF SUBMITTER:	Marc S. Weiner										
<p>Total Attachments: 3</p> <p>source=ASSIGNMENT#page1.tif</p>											

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A S S I G N M E N T

WHEREAS, we,

Toshiyuki YAMAOKA, a citizen of Japan, c/o Technology Development Center,
Nippon Mining & Metals Co., Ltd., 1-1-2, Shirogane-cho,
Hitachi-shi, Ibaraki 317-0056, Japan

Naoki HIGUCHI, a citizen of Japan, c/o Technology Development Center,
Nippon Mining & Metals Co., Ltd., 1-1-2, Shirogane-cho,
Hitachi-shi, Ibaraki 317-0056, Japan

Makoto NARISAKO, a citizen of Japan, c/o Technology Development Center,
Nippon Mining & Metals Co., Ltd., 1-1-2, Shirogane-cho,
Hitachi-shi, Ibaraki 317-0056, Japan

Daisuke KOBAYASHI, a citizen of Japan, c/o Technology Development Center,
Nippon Mining & Metals Co., Ltd., 1-1-2, Shirogane-cho,
Hitachi-shi, Ibaraki 317-0056, Japan

have invented certain new and useful improvements in

PREPARATION METHOD OF LITHIUM CARBONATE FROM LITHIUM-ION
SECONDARY BATTERY RECOVERED MATERIAL

for which we have on August 5, 2010 executed an application for
United States Letters Patent; and

WHEREAS, Nippon Mining & Metals Co., Ltd., a Japanese
Corporation, located at 10-1, Toranomom 2-chome, Minato-ku, Tokyo
105-0001, Japan,
(hereinafter called the "Assignee"), is desirous of acquiring the entire right,
title and interest in and to said application and the inventions and
improvements therein disclosed so far as the United States of America is
concerned.

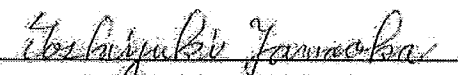
NOW, THEREFORE, in good and valuable consideration paid to us by said Assignee, receipt whereof is hereby acknowledged, we do hereby assign, sell, transfer and set over unto said Assignee the entire right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and any Letters Patent which may issue therefor in the United States and all divisions, re-issues, continuations, renewals and/or extensions thereof, said Assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, re-issues, continuations, renewals and/or extensions thereof, respectively, a fully and entirely as the same would have been held and enjoyed by us had this Assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application, and of the right to make, use or sell the inventions and improvements disclosed therein within the United States and that we have the full right to make this Assignment.

And for the consideration aforesaid, we agree that we will communicate to said Assignee or the representatives thereof any facts known to us respecting the inventions and improvements of the said United States application and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, re-issue, continuation, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said Assignee or by counsel for said Assignee, to assist or enable said Assignee to obtain and enforce full benefits from the rights and interest herein assigned. This Assignment shall be binding upon our heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said Assignee.

Executed at Ibaraki,

this 5th day of August, 2010


Toshiyuki YAMAOKA

Executed at Ibaraki,

this 5th day of August, 2010

Naoki Higuchi

Naoki HIGUCHI

Executed at Ibaraki,

this 5th day of August, 2010

Makoto Narisako

Makoto NARISAKO

Executed at Ibaraki,

this 5th day of August, 2010

Daisuke Kobayashi

Daisuke KOBAYASHI