

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>YASUFUMI MATSUMURA</td> <td>08/27/2012</td> </tr> <tr> <td>RYUZO SHINTA</td> <td>08/27/2012</td> </tr> <tr> <td>YASUSHI ENOMOTO</td> <td>08/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	YASUFUMI MATSUMURA	08/27/2012	RYUZO SHINTA	08/27/2012	YASUSHI ENOMOTO	08/27/2012		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>NIPPON STEEL CHEMICAL CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>14-1, SOTO KANDA 4-CHOME, CHIYODA-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>101-0021</td> </tr> </table>		Name:	NIPPON STEEL CHEMICAL CO., LTD.	Street Address:	14-1, SOTO KANDA 4-CHOME, CHIYODA-KU,	City:	TOKYO	State/Country:	JAPAN	Postal Code:	101-0021
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CORRESPONDENCE DATA											
<p>Fax Number: 5105807280</p> <p>Email: usa@jcipgroup.com.tw</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: JIANQ CHYUN INTELLECTUAL PROPERTY OFFICE</p> <p>Address Line 1: 7F.-1, NO. 100, ROOSEVELT RD., SEC. 2,</p> <p>Address Line 4: TAIPEI, TAIWAN 100</p>											
ATTORNEY DOCKET NUMBER:	43270-US-1106-PCT										
NAME OF SUBMITTER:	Belinda Lee										
<p>Total Attachments: 2</p> <p>source=43270us_assgn#page1.tif</p> <p>source=43270us_assgn#page2.tif</p>											

CH \$40.00 13581800

ASSIGNMENT

WHEREAS,

1. YASUFUMI MATSUMURA
2. RYUZO SHINTA
3. YASUSHI ENOMOTO

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: **METAL NANOPARTICLE COMPOSITE AND PRODUCTION METHOD THEREOF**

☐ Filed: Serial No.

☒ Executed concurrently with the execution of this instrument

WHEREAS, **NIPPON STEEL CHEMICAL CO., LTD.**

of 14-1, SOTO KANDA 4-CHOME, CHIYODA-KU, TOKYO 101-0021 JAPAN

hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

ASSIGNMENT CONTINUED

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Signature: Yasufumi Matsumura

Date: August 27, 2012

Sole or First Joint Inventor: YASUFUMI MATSUMURA

Signature: Ryuzo Shinta

Date: August 27, 2012

Second Joint Inventor: RYUZO SHINTA

Signature: Yasushi Enomoto

Date: August 27, 2012

Third Joint Inventor: YASUSHI ENOMOTO