

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>Michio KANEKO</td> <td>01/05/2012</td> </tr> <tr> <td>Kiyonori TOKUNO</td> <td>01/19/2012</td> </tr> <tr> <td>Hiroshi SHIMIZU</td> <td>01/19/2012</td> </tr> <tr> <td>Kazuo YAMAGISHI</td> <td>01/31/2012</td> </tr> <tr> <td>Asami SHIMOMURA</td> <td>01/31/2012</td> </tr> <tr> <td>Mituyuki HASEGAWA</td> <td>01/31/2012</td> </tr> <tr> <td>Ruriko YOKOYAMA</td> <td>01/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Michio KANEKO	01/05/2012	Kiyonori TOKUNO	01/19/2012	Hiroshi SHIMIZU	01/19/2012	Kazuo YAMAGISHI	01/31/2012	Asami SHIMOMURA	01/31/2012	Mituyuki HASEGAWA	01/31/2012	Ruriko YOKOYAMA	01/31/2012
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<table border="1"> <tr> <td>Name:</td> <td>NIPPON STEEL CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>6-1, Marunouchi 2-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>100-8071</td> </tr> </table>		Name:	NIPPON STEEL CORPORATION	Street Address:	6-1, Marunouchi 2-chome, Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	100-8071						
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CORRESPONDENCE DATA																	
Fax Number:	(212)425-5288																
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ATTORNEY DOCKET NUMBER:	52433/1105																

OP \$40.00 13261058

NAME OF SUBMITTER:

Weining Wang

Total Attachments: 2

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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

NIPPON STEEL CORPORATION

(Insert
ASSIGNEE's
Name(s)
Address(es))

6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8071, Japan

(Title of
Invention)

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

Titanium-Based Material Having Visible Light Response and Excellent in Photocatalytic
Activity and Method of Production of Same

relating to International Patent Application PCT/JP 2010 / 059583 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date
of execution
of application,
if not
concurrent)

(a) executed on _____;
(b) filed on _____;
Serial No. _____/_____;

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

1) <u>Michio Kaneko</u> (SIGNATURE)	Michio Kaneko (TYPE NAME)	<u>Jan 5, 2012</u> (DATE)
2) <u>Kiyonori Tokuno</u> (SIGNATURE)	Kiyonori Tokuno (TYPE NAME)	<u>January 19, 2012</u> (DATE)
3) <u>Hiroshi Shimizu</u> (SIGNATURE)	Hiroshi Shimizu (TYPE NAME)	<u>January 19, 2012</u> (DATE)
4) _____ (SIGNATURE)	Kazuo Yamagishi (TYPE NAME)	_____ (DATE)
5) _____ (SIGNATURE)	Asami Shimomura (TYPE NAME)	_____ (DATE)
6) _____ (SIGNATURE)	Mituyuki Hasegawa (TYPE NAME)	_____ (DATE)
7) _____ (SIGNATURE)	Ruriko Yokoyama (TYPE NAME)	_____ (DATE)
8) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)

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PATENT

RECORDED: 02/06/2012

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