

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Masamichi YAMASHITA</td> <td>10/28/2011</td> </tr> <tr> <td>Takashi IWADE</td> <td>10/28/2011</td> </tr> <tr> <td>Toyoharu TERADA</td> <td>10/28/2011</td> </tr> <tr> <td>Takayoshi FUJIMOTO</td> <td>10/28/2011</td> </tr> </tbody> </table>		Name	Execution Date	Masamichi YAMASHITA	10/28/2011	Takashi IWADE	10/28/2011	Toyoharu TERADA	10/28/2011	Takayoshi FUJIMOTO	10/28/2011
Name	Execution Date										
Masamichi YAMASHITA	10/28/2011										
Takashi IWADE	10/28/2011										
Toyoharu TERADA	10/28/2011										
Takayoshi FUJIMOTO	10/28/2011										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>TORAY ENGINEERING CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>Nihonbashi Muromachi Bldg., 3-16, Nihonbashi Hongokucho 3-chome, Chuo-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>103-0021</td> </tr> </table>		Name:	TORAY ENGINEERING CO., LTD.	Street Address:	Nihonbashi Muromachi Bldg., 3-16, Nihonbashi Hongokucho 3-chome, Chuo-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	103-0021
Name:	TORAY ENGINEERING CO., LTD.										
Street Address:	Nihonbashi Muromachi Bldg., 3-16, Nihonbashi Hongokucho 3-chome, Chuo-ku										
City:	Tokyo										
State/Country:	JAPAN										
Postal Code:	103-0021										
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>13378908</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13378908						
Property Type	Number										
Application Number:	13378908										
CORRESPONDENCE DATA											
Fax Number: (703)716-1180 Phone: 703-716-1191 Email: gbpatent@gbpatent.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: GREENBLUM & BERNSTEIN, P.L.C. Address Line 1: 1950 ROLAND CLARKE PLACE Address Line 4: RESTON, VIRGINIA 20191											
ATTORNEY DOCKET NUMBER:	P41213										
NAME OF SUBMITTER:	Daniel B. Moon										
Total Attachments: 5											

OP \$40.00 13378908

source=P41213_assignment#page1.tif
source=P41213_assignment#page2.tif
source=P41213_assignment#page3.tif
source=P41213_assignment#page4.tif
source=P41213_assignment#page5.tif

ASSIGNMENT

WHEREAS, **Masamichi YAMASHITA**, a citizen of JAPAN, whose post office address is c/o Toray Engineering Co., Ltd., 1-1, Sonoyama 1-chome, Otsu-shi, Shiga, 520-0842, JAPAN, **Takashi IWADE**, a citizen of JAPAN, whose post office address is c/o Toray Engineering Co., Ltd., 1-1, Sonoyama 1-chome, Otsu-shi, Shiga, 520-0842, JAPAN, **Toyoharu TERADA**, a citizen of JAPAN, whose post office address is c/o Toray Engineering Co., Ltd., 1-1, Sonoyama 1-chome, Otsu-shi, Shiga, 520-0842, JAPAN, **Takayoshi FUJIMOTO**, a citizen of JAPAN, whose post office address is c/o Toray Engineering Co., Ltd., 1-1, Sonoyama 1-chome, Otsu-shi, Shiga, 520-0842, JAPAN, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

SOLAR BATTERY

for which they have jointly executed, on the same date as this assignment, an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the practitioners of record in this application associated with Customer No. 07055 including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Rowland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, Robert W. Mueller, Reg. No. 35,043, William E. Lyddane, Reg. No. 41,568 and William S. Boshnick, Reg. No. 44,550, of the firm Greenblum & Bernstein, P.L.C., whose address is 1950 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. _____, filed _____) the filing date and application number of said application when known.

AND WHEREAS, **TORAY ENGINEERING CO., LTD.**, a corporation organized and existing under the laws of JAPAN, whose post-office address is Nihonbashi Muromachi Bldg., 3-16, Nihonbashi Hongokucho 3-chome, Chuo-ku., Tokyo, 103-0021, JAPAN, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States 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 prolongations thereof.

NOW, THIS WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor and all rights to sue for past and future infringement thereunder, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the 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 prolongations thereof, with all the rights,

powers, privileges, and advantages in any ways arising from or pertaining 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 prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the respective dates indicated below.

First Witness:

(Name)

(Date)

Masamichi Yamashita
Masamichi YAMASHITA

October 28, 2011
Date

Second Witness:

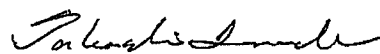
(Name)

(Date)

First Witness:

(Name)

(Date)



Takashi IWADE

Oct. 28. 2011
Date

Second Witness:

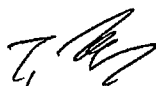
(Name)

(Date)

First Witness:

(Name)

(Date)



Toyoharu TERADA
Oct. 28, 2011

Date

Second Witness:

(Name)

(Date)

First Witness:

(Name)

(Date)

Takayoshi Fujimoto
Takayoshi FUJIMOTO

Oct. 28, 2011
Date

Second Witness:

(Name)

(Date)