

## 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>Kazuaki KURIHARA</td> <td>11/21/2011</td> </tr> <tr> <td>Takuya NISHINO</td> <td>11/21/2011</td> </tr> <tr> <td>Takashi SUZUKI</td> <td>11/21/2011</td> </tr> </tbody> </table>		Name	Execution Date	Kazuaki KURIHARA	11/21/2011	Takuya NISHINO	11/21/2011	Takashi SUZUKI	11/21/2011		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>FUJITSU LIMITED</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Kamikodanaka 4-chome, Nakahara-ku,</td> </tr> <tr> <td>City:</td> <td>Kawasaki-shi, Kanagawa</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>211-8588</td> </tr> </table>		Name:	FUJITSU LIMITED	Street Address:	1-1, Kamikodanaka 4-chome, Nakahara-ku,	City:	Kawasaki-shi, Kanagawa	State/Country:	JAPAN	Postal Code:	211-8588
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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>13307377</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13307377						
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CORRESPONDENCE DATA											
<p>Fax Number: (202)887-0357          Phone: 202-659-2930          Email: rpelayo@kqhpatentlaw.com  <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: Kratz, Quintos &amp; Hanson, LLP          Address Line 1: 4th Floor          Address Line 2: 1420 K Street, N.W.          Address Line 4: Washington, DISTRICT OF COLUMBIA 20005</p>											
ATTORNEY DOCKET NUMBER:	110374										
NAME OF SUBMITTER:	Darren Crew										
Total Attachments: 1 source=110374 Assignment#page1.tif											

CH \$40.00 13307377

## 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  
(Insert Name(s) & Address(es) of ASSIGNEE(S))

**FUJITSU LIMITED**

1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

(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 *(Title of Invention)*

## THERMOELECTRIC CONVERSION MODULE

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

(a) executed on \_\_\_\_\_; (Insert date of execution of application, if not concurrent)

(b) filed on November 30, 2011

Serial No. 13 / 307,377

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).

1) Hazimul Karim  
(Signature)

Kazuaki KURIHARA  
(Type Name)

Nov. 21, 2011  
(Date)

2) Takuya Nishino  
(Signature)

Takuya NISHINO  
(Type Name)

Nov, 21, 2011  
(Date)

3) Takashi Syntei  
(Signature)

Takashi SUZUKI  
(Type Name)

Nov. 21, 2011  
(Date)

4) \_\_\_\_\_  
(Signature)

(Type Name)

(Date)

5) \_\_\_\_\_  
(Signature)

(Type Name)

(Date)