

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>Shuta ISHIKAWA</td> <td>03/26/2013</td> </tr> <tr> <td>Shinichi FURUTANI</td> <td>03/29/2013</td> </tr> <tr> <td>Masanori KATO</td> <td>03/28/2013</td> </tr> <tr> <td>Yoichi EGASHIRA</td> <td>03/28/2013</td> </tr> <tr> <td>Yuki KAWAUCHI</td> <td>03/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	Shuta ISHIKAWA	03/26/2013	Shinichi FURUTANI	03/29/2013	Masanori KATO	03/28/2013	Yoichi EGASHIRA	03/28/2013	Yuki KAWAUCHI	03/28/2013
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<table border="1"> <tr> <td>Name:</td> <td>Mitsubishi Electric Corporation</td> </tr> <tr> <td>Street Address:</td> <td>7-3, 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>100-8310</td> </tr> </table>		Name:	Mitsubishi Electric Corporation	Street Address:	7-3, Marunouchi 2-chome, Chiyoda-Ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	100-8310		
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CORRESPONDENCE DATA													
<p>Fax Number: 7034132220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (703) 413-3000 Email: saahmed@oblon.com Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street Address Line 4: Alexandria, VIRGINIA 22314</p>													
ATTORNEY DOCKET NUMBER:	414852US2PCT												
NAME OF SUBMITTER:	Sarfaraz Ahmed												
Signature:	/Sarfaraz Ahmed/												

OP \$40.00 13880292

Date:	04/18/2013
Total Attachments: 2 source=414852US-Assignment#page1.tif source=414852US-Assignment#page2.tif	

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS

WHEREAS, I (WE) Shuta ISHIKAWA

Shinichi FURUTANI

Masanori KATO

Yoichi EGASHIRA

and Yuki KAWAUCHI

of 7-3, Marunouchi 2-Chome, Chiyoda-Ku, TOKYO 100-8310 JAPAN

, respectively,

INSERT TITLE OF
INVENTION

have invented certain new and useful improvements in: POWER CONVERSION APPARATUS

(Application No. PCT/JP2011/075147, filed on November 1, 2011), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, Mitsubishi Electric Corporation

(hereinafter referred to as "ASSIGNEE") having a place of business at: 7-3, Marunouchi 2-Chome, Chiyoda-Ku, TOKYO 100-8310 JAPAN is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: <u>March 26th, 2013</u>	<u>Shuta Ishikawa</u> (Signature of Inventor) Shuta ISHIKAWA
Date: <u>March 29th, 2013</u>	<u>Shinichi Furutani</u> (Signature of Inventor) Shinichi FURUTANI
Date: <u>March 28th, 2013</u>	<u>Masanori KATO</u> (Signature of Inventor) Masanori KATO
Date: <u>March 28th, 2013</u>	<u>Yoichi Egashira</u> (Signature of Inventor) Yoichi EGASHIRA
Date: <u>March 28th, 2013</u>	<u>Yuki Kawauchi</u> (Signature of Inventor) Yuki KAWAUCHI
Date: _____	_____ (Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314