

## 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>Junichi FUKUTA</td> <td>05/21/2012</td> </tr> <tr> <td>Tsuneo MAEBARA</td> <td>05/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Junichi FUKUTA	05/21/2012	Tsuneo MAEBARA	05/21/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>DENSO CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>1-1 Showa-cho</td> </tr> <tr> <td>City:</td> <td>Kariya-city, Aichi-pref.</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>448-8661</td> </tr> </table>		Name:	DENSO CORPORATION	Street Address:	1-1 Showa-cho	City:	Kariya-city, Aichi-pref.	State/Country:	JAPAN	Postal Code:	448-8661
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PROPERTY NUMBERS Total: 1											
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Application Number:	13467378										
CORRESPONDENCE DATA											
<p>Fax Number: (703)816-4100          Phone: 703/816-4000          Email: sjg@nixonvan.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: NIXON &amp; VANDERHYE PC          Address Line 1: 901 North Glebe Road          Address Line 2: 11th Floor          Address Line 4: Arlington, VIRGINIA 22203</p>											
ATTORNEY DOCKET NUMBER:	2635-1170										
NAME OF SUBMITTER:	Michelle N. Lester										
Total Attachments: 2 source=2635_1170_Assignment#page1.tif source=2635_1170_Assignment#page2.tif											

OP \$40.00 13467378

# ASSIGNMENT OF PATENT APPLICATION

(Inventors)	1) Junichi FUKUTA
	2) Tsuneo MAEBARA
	3)
	4)
	5)
	6)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) (Address)	DENSO CORPORATION, a corporation of Japan having a place of business at 1-1 Showa-cho, Kariya-city, Aichi-pref. 448-8661 Japan
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(Other Countries) (Title)	(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of in the invention, and all application for patent and any Letters Patent which may be granted therefore, known as POWER CONVERSION APPARATUS PROVIDED WITH SUBSTRATE HAVING INSULATING AREA
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for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on May 21, 2012 or has already filed in U.S. appln. Serial No. 13/467,378, filed on May 9, 2012  
The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date May 21, 2012 Signature of inventor Junichi Fukuta  
Junichi Fukuta

Date May 21, 2012 Signature of inventor Tsuneo Maebara  
Tsuneo Maebara

Date \_\_\_\_\_ Signature of inventor \_\_\_\_\_

Date \_\_\_\_\_ Signature of inventor \_\_\_\_\_

Date \_\_\_\_\_ Signature of inventor \_\_\_\_\_

Date \_\_\_\_\_ Signature of inventor \_\_\_\_\_

Witnessed by: S.M. May 21, 2012  
Shun Miyachi Date May 21, 2012

Witnessed by: Yoshiyuki Hamanaka Date May 21, 2012

Witnessed by: \_\_\_\_\_ Date \_\_\_\_\_

Witnessed by: \_\_\_\_\_ Date \_\_\_\_\_