

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>Toshikazu FUJIYOSHI</td> <td>01/18/2010</td> </tr> <tr> <td>Hajime KATSUSHIMA</td> <td>01/18/2010</td> </tr> <tr> <td>Kenji MORIMOTO</td> <td>01/18/2010</td> </tr> <tr> <td>Satoshi YAMAMURA</td> <td>01/18/2010</td> </tr> </tbody> </table>		Name	Execution Date	Toshikazu FUJIYOSHI	01/18/2010	Hajime KATSUSHIMA	01/18/2010	Kenji MORIMOTO	01/18/2010	Satoshi YAMAMURA	01/18/2010
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Satoshi YAMAMURA	01/18/2010										
RECEIVING PARTY DATA											
Name:	SANSHA ELECTRIC MANUFACTURING CO., LTD.										
Street Address:	3-1-56, Nishi-Awaji, Higashi-Yodogawa-ku, Osaka-shi										
City:	Osaka										
State/Country:	JAPAN										
Postal Code:	533-0031										
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>12680240</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12680240						
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Application Number:	12680240										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Mark D. Saralino										
Total Attachments: 2											

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**PATENT
 REEL: 024156 FRAME: 0957**

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ASSIGNMENT

WHEREAS:

NAME(S) AND ADDRESS(ES) OF INVENTOR(S)

Toshikazu Fujiyoshi
c/o Sansha Electric Manufacturing Co., Ltd., 3-1-56 Nishi-Awaji, Higashi-Yodogawa-ku, Osaka-shi, Osaka 533-0031 Japan

Hajime Katsushima
c/o Sansha Electric Manufacturing Co., Ltd., 3-1-56 Nishi-Awaji, Higashi-Yodogawa-ku, Osaka-shi, Osaka 533-0031 Japan

Kenji Morimoto
c/o Sansha Electric Manufacturing Co., Ltd., 3-1-56 Nishi-Awaji, Higashi-Yodogawa-ku, Osaka-shi, Osaka 533-0031 Japan

Satoshi Yamamura
c/o Sansha Electric Manufacturing Co., Ltd., 3-1-56 Nishi-Awaji, Higashi-Yodogawa-ku, Osaka-shi, Osaka 533-0031 Japan

(hereinafter referred to as ASSIGNOR), have invented a certain invention entitled:

TITLE OF INVENTION

DC-DC CONVERTER CIRCUIT

for which application for Letters Patent of the United States has been:

PARTICULARS OF APPLICATION

executed concurrently herewith,
 filed under U.S. Application No. 12/680,240 on 26 MAR 2010, or
 filed under Express Mail Label No. _____ on _____.

WHEREAS:

NAME, STATE OF INCORPORATION AND ADDRESS OF ASSIGNEE

c/o Sansha Electric Manufacturing Co., Ltd.
3-1-56 Nishi-Awaji, Higash-Yodogawa-ku, Osaka-shi, Osaka 533-0031 Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention (including all inventions should said application be deemed to include multiple inventions).

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that ASSIGNOR has the full power to make this assignment and that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and that ASSIGNOR will testify as to the same in any legal proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce patent protection for said invention in all countries.

I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this assignment document when that information becomes available.

FULL NAME(S) OF INVENTORS(S)

Date January 18, 2010 Toshikazu Fujiyoshi
(Type Inventor Name Here) Toshikazu Fujiyoshi

Date January 18, 2010 Hajime Katsushima
(Type Inventor Name Here) Hajime Katsushima

Date January 18, 2010 Kenji Morimoto
(Type Inventor Name Here) Kenji Morimoto

Date January 18, 2010 Satoshi Yamamura
(Type Inventor Name Here) Satoshi Yamamura