### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Ryuji YAMADA	02/19/2013

### **RECEIVING PARTY DATA**

Name:	FUJI ELECTRIC CO., LTD.	
Street Address:	1-1 Tanabeshinden, Kawasaki-ku	
City:	Kawasaki-shi	
State/Country:	JAPAN	
Postal Code:	210-9530	

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13817142

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	FEC-460NP
NAME OF SUBMITTER:	Allen Wood
Signature:	/Allen Wood/
Date:	04/08/2013

Total Attachments: 1

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**PATENT** 

REEL: 030172 FRAME: 0109

OF \$40.00 1381/14Z

# ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Ryuji YAMADA, hereinafter referred improvement relating to	to collectively a	as the assignor, has invented a certain				
AC-AC CONVERTER .						
[ ] the inventor(s) declaration for said application bein this instrument; said application to be filed in the United [ ] said application having been filed in the United State , authorization bein H. Berdo, Jr., Allen Wood and Jun-Hwa Jeong of RAB D.C. 20005, to insert here in parentheses (Application	States Patent a s Patent and Tr g hereby given IN & BERDO, I	and Trademark Office; rademark Office on to my attorneys, Steven M. Rabin, Robert P.C., 1101 14th Street, N.W., Washington,				
number of said application when known; [X] the specification of which was filed under the Patent Serial No. <u>PCT/JP2011/076452</u> , the United States of An	Cooperation Tr	resty on <u>November 16, 2011</u>				
AND WHEREAS <u>FUJI ELECTRIC CO., LTD. of</u> hereinafter referred to as the assignee, is desirous of ac application, including any and all divisions and continuat patents which may be granted therefor, including any an	quiring the enti ions thereof, ar	re right, title and interest in and to said nd in and to said invention and any and all				
NOW THIS WITNESSETH, that for and in consider consideration paid by said assignee to said assigner, the hereby assigns, sells and transfers to said assignee, a exclusive right, title and interest in and to said applic thereof, and in and to said invention and any and all pat renewals, reissues and prolongations thereof; said as have, hold, exercise and enjoy the said application, include the said invention and any and all patents which may be and prolongations thereof, with all the rights, powers appertaining thereto, for and during the term or terms of all renewals, reissues and prolongations thereof, for the successors and assigns, in as ample and beneficial an enjoyed the same, if this assignment had not been made	e receipt of when assign assignments which massignee, and sauding any and a granted thereful any and all suce use and benanner as the sanner a	ich is hereby acknowledged, said assignor nee's successors and assigns, the full and g any and all divisions and continuations y be granted therefor, including any and all id assignee's successors and assigns, to all divisions and continuations thereof, and or, including any and all renewals, reissues d advantages in anywise arising from or ch patents when granted, including any and lefit of said assignee, and said assignee's				
AND said assignor hereby agrees to perform, usuccessors or assigns, any and all acts relating to the cand all renewals, reissues and prolongations thereof.	ipon the requestations to the state of the s	est of said assignee, or said assignee's the asserting of said patents, including any				
AND said assignor authorizes and requests the Co Patent on said application, and on any and all divisions a to said assignee, and said assignee's successors and a	and continuation	ns thereof,				
WITNESS:	ASSIGNOR:	w				
Signature:	Signature:	Ryuji Yamada				
Name:	Name:	Ryuji YAMADA				
Address:	Date:	February 19, 2013				

RABIN & BERDO, P.C., Washington, D.C.

PATENT REEL: 030172 FRAME: 0110

**RECORDED: 04/08/2013**