PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE	E:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PART		<u>, , , , , , , , , , , , , , , , , , , </u>		
		Name	Execution Date	
Guangfu Tang			09/24/2013	
Zhiyuan He			09/24/2013	
Hongzhou Luan			09/24/2013	
Qiang Li			09/24/2013	
Yunpeng Li			09/24/2013	
RECEIVING PARTY	Y DATA			
Name:	China Electric P	ower Research Institute		
Street Address:	No. 15 Xiaoying	donglu, Qinghe, Haidian Distri	et	
City:	Beijing			
State/Country:	CHINA			
Postal Code:	100192			
Name:	State Grid Corporation of China			
Street Address:	No. 86, West Ch	No. 86, West Chang'an Street, Xicheng District		
City:	Beijing			
State/Country:				
Postal Code:	100031			
PROPERTY NUMB	ERS Total: 1			
Property	/ Туре		Number	
Application Number: 13		982274		
CORRESPONDEN	CE DATA			
Fax Number:		, , , ,		
-		il when the fax attempt is unsເ ຄວ	iccessful.	
Phone: 650 576 8962 Email: Michelle.cheny@gmail.com				
Correspondent Nan				
502509748			REEL: 031282 FRAME: 0082	

Address Line 1:103 Muller Pl.Address Line 4:San Jose, CALIFORNIA 95126		
ATTORNEY DOCKET NUMBER:	ANBODA11_13	
NAME OF SUBMITTER:	Yi Chen	
Signature:	/Yi Chen/	
Date:	09/26/2013	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 5 source=ANBODA11-13Assignment_1#page1.tif source=ANBODA11-13Assignment_2#page1.tif source=ANBODA11-13Assignment_3#page1.tif source=ANBODA11-13Assignment_4#page1.tif source=ANBODA11-13Assignment_5#page1.tif		

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

A BASIC FUNCTION UNIT OF VOLTAGE-SOURCE CONVERTER BASED ON FULL-CONTROLLED DEVICES

for which I have executed a U.S. patent application on even date herewith. (Accompanying)

which bears U.S. application No. ____13982274_____. (Not accompanying) which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

1) Sell, assign and transfer to China Electric Power Research Institute, a research institute having a place of business at No. 15, Xiaoyingdonglu, Qinghe, Haidian District, Beijing, 100192 ("ASSIGNEE1"), and State Grid Corporation of China, a corporation having a placing of business at No. 86 West Chang'an Street, Xicheng District, Beijing City, P.R.China, 100031, ("ASSIGNEE2"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.

2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.

3) Agree to execute all papers and documents and, entirely at the ASSIGNEES' expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.

5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the	date indicated beside my signature.		
Signature:	美文115	Date:	09/24/2013
Typed Name:	LI Yunpeng	_ Date:	09/24/2013

Docket No. ANBODA11-13

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Signed on the date indicated beside my signature.

Signature:	76.34	Date:	09/24/2
Typed Name:	LI Qiang	Date:	09/24/

Docket No. ANBODA11+13

PATENT REEL: 031282 FRAME: 0085

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Signed on the date indicated beside my signature.

Signature:	<u>来法洲</u>	Date:	09/24/2013
Typed Name:	LUAN, Hongzhou	Date:	09/24/2013

Docket No. ANBODA11-13

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Signed on the date indicated beside my signature.

Signature:	· 2·14	Date:	09/24/2013
Typed Name:	HE, Zhiyuan	Date: _	69/24/2013

Docket No. ANBODA11-13

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Signed on the date indicated beside my signature.

Signature:	77157161	Date:09/24/2013
Typed Name:	TANG, Guangfu	Date:

Docket No. ANBODA11-13

RECORDED: 09/26/2013