### 502519575 10/03/2013

### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
QINGGAN ZENG	09/22/2013
BIN CAO	09/22/2013
ZHAOWEI MA	09/22/2013
YINGPING WANG	09/22/2013

#### **RECEIVING PARTY DATA**

Name:	JIANGSU HUAPENG TRANSFORMER CO., LTD.
Street Address:	NO. 68 ZHENGCHANG RD. KUNLUN DEVELOPMENT ZONE
Internal Address:	LIYANG CITY, CHANGZHOU
City:	JIANGSU
State/Country:	CHINA
Postal Code:	213300

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14007274

### **CORRESPONDENCE DATA**

Fax Number: (520)882-7643

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: cgee@hayes-soloway.com
Correspondent Name: NORMAN P. SOLOWAY
Address Line 1: 4640 E. SKYLINE DRIVE
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Signature:	/norman p. soloway/	PATENT
NAME OF SUBMITTER:	NORMAN P. SOLOWAY	
ATTORNEY DOCKET NUMBER:	JINGWEI OP13US689	

502519575 REEL: 031337 FRAME: 0917

OP \$40,00 14007274

Date:	10/03/2013
Total Attachments: 4 source=assignments#page1.tif source=assignments#page2.tif source=assignments#page3.tif source=assignments#page4.tif	

## **ASSIGNMENT**

I, Qinggan Zeng of Jiangsu, China having invented certain inventions and improvements in THREE-PHASE 48-PULSE RECTIFIER TRANSFORMER and having executed an application for Letters Patent of the United States of America describing the same and based thereon (U.S. Patent Application Serial No. 14/007,274 , filed September 24, 2013 ), for good and valuable consideration, the receipt of which is hereby acknowledged from JIANGSU HUAPENG TRANSFORMER CO., LTD. A Chinese corporation having its principal place of business at No. 68 Zhengchang Rd. Kunlun Development Zone, Liyang City, Changzhou, Jiangsu 213300, China (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns my entire right, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;

And for the same consideration I do agree that I will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application;

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee;

And I do hereby jointly and severally covenant for myself and for my legal representatives that I have granted no right or license to make, use, or sell said invention to anyone except the Assignee, that prior to the execution of this deed my right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by me, and that I have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year hereinafter noted.

Inventor's signature Qhq 9000 2909	Date 11/69/2018
Full name (typed or printed) Qinggan Zeng	
Witness: 2hao wei Ma	Witness: Ying Birg Wang
Date: 12/01/2013	Date: 2 / 9/2013

# ASSIGNMENT

And for the same consideration I do agree that I will upon request execute any instrume which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application;  And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee;  And I do hereby jointly and severally covenant for myself and for my legal representatives that I have granted no right or license to make, use, or sell said invention to anyone except the Assignee, that prior to the execution of this deed my right, title, and interest if and to said inventions or any of them or any part thereof has not been otherwise encumbered by me, and that I have not executed and will not execute any instrument in conflict herewith.  IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year hereinafter noted.  Inventor's signature	THREE-PHASE 48-PULSE application for Letters Patent of thereon (U.S. Patent Application for good and valuable conside JIANGSU HUAPENG TRAN place of business at No. 68 Zh Changzhou, Jiangsu 213300, Otransfer unto the Assignee, its said invention in the United St mentioned application and any any patent which may be issue	RECTIFIER 1 of the United States of America divisional, condition the said in	FRANSFORM ates of America 4/007,274 pt of which is heard and the Assigns my ent, including all tinuing or reissivention in the U	a describing the same a filed September 2 dereby acknowledged for these corporation having ment Zone, Liyang Cissignee), do hereby selfire right, title, and interestights, title and interestue application or applianted States of American	ted an and based 4, 2013 ), from g its principal ty, I, assign and rest, in and to t in the abovecations and ca;
And I do hereby jointly and severally covenant for myself and for my legal representatives that I have granted no right or license to make, use, or sell said invention to anyone except the Assignee, that prior to the execution of this deed my right, title, and interest is and to said inventions or any of them or any part thereof has not been otherwise encumbered by me, and that I have not executed and will not execute any instrument in conflict herewith.  IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year hereinafter noted.  Inventor's signature  Bin Cao  Date  22/9/20/3  Full name (typed or printed)  Bin Cao	which the Assignee may desire	to carry this As	ssignment into	effect and perfect the t	itle
representatives that I have granted no right or license to make, use, or sell said invention to anyone except the Assignee, that prior to the execution of this deed my right, title, and interest is and to said inventions or any of them or any part thereof has not been otherwise encumbered by me, and that I have not executed and will not execute any instrument in conflict herewith.  IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year hereinafter noted.  Inventor's signature					
Inventor's signature Bin Cao Date 22/09/2013  Full name (typed or printed) Bin Cao	representatives that I have gran anyone except the Assignee, th and to said inventions or any o	ited no right or l at prior to the ex f them or any pa	icense to make recution of this art thereof has a	, use, or sell said inver deed my right, title, a lot been otherwise enc	nd interest in umbered by
Full name (typed or printed) Bin Cao		OF, I/we hereun	ito set my hand	and seal on the day ar	nd year
Witness: 2hapwei Ma Witness: Ying Ding Wang Date: 22/09/1013 Date:			and a delivery or the second s	Date 22/09/	2013
337 109 havit k.	Witness: Zhaowei Ma Date: 22/09/2013		Witness:	Ying Ping Wang	

# <u>ASSIGNMENT</u>

in THREE-PHASE 48-PU application for Letters Pater thereon (U.S. Patent Applic for good and valuable consi JIANGSU HUAPENG TRAplace of business at No. 68. Changzhou, Jiangsu 213300 transfer unto the Assignee, i said invention in the United mentioned application and a any patent which may be iss	LSE RECTIFIER at of the United State ation Serial No. 14/deration, the receipt and State at the Co., Zhengehang Rd. Ku, China (hereinafter ts successors, and a States of America, my divisional, continued on the said investigation of the said investigation of the continued on the said investigation.	TRANSFORI des of America (007,274) tof which is he LTD. A Chine called the Ass ssigns my entitionally including all ri- nuing or reissumention in the Uni-	MER and hardescribing the filed September acknown as corporation and Zone, Linguish and the registry, title and application mited States of the second states of the corporation and the second states of the second states	e same and based ember 24, 2013, ledged from on having its principal iyang City, breby sell, assign and and interest, in and to I interest in the above-or applications and
which the Assignee may des transferred hereby or prosec	ire to carry this Ass	ignment into e	ffect and per	
And I do hereby auth the United States of America	•			
And I do hereby join representatives that I have granyone except the Assignee, and to said inventions or anyme, and that I have not execute.	canted no right or lice that prior to the except of them or any par	cense to make, ecution of this t thereof has no	use, or sell sa deed my righ of been other	aid invention to t, title, and interest in wise encumbered by
IN WITNESS WHEI hereinafter noted.	REOF, I/we hereunt	o set my hand	and seal on tl	ne day and year
Inventor's signature Full name (typed or printed)	Zhao wei Ma Zhaowei Ma	The state of the s	Date _	22/09/2013
Witness: Ying Ding Date:	Namy	Witness:	Bin Cao 22/09/293	in ano small control of the state of the sta

# <u>ASSIGNMENT</u>

I, Yingping Wang of Jiangsu, China having invented certain inventions and improvements in THREE-PHASE 48-PULSE RECTIFIER TRANSFORMER and having executed an application for Letters Patent of the United States of America describing the same and based thereon (U.S. Patent Application Serial No. 14/007,274, filed, filed, for good and valuable consideration, the receipt of which is hereby acknowledged from JIANGSU HUAPENG TRANSFORMER CO., LTD. A Chinese corporation having its principal place of business at No. 68 Zhengchang Rd. Kunlun Development Zone, Liyang City, Changzhou, Jiangsu 213300, China (hereinafter called the Assignee), do hereby self, assign and transfer unto the Assignee, its successors, and assigns my entire right, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;
And for the same consideration I do agree that I will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application;
And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee;
And I do hereby jointly and severally covenant for myself and for my legal representatives that I have granted no right or license to make, use, or sell said invention to anyone except the Assignee, that prior to the execution of this deed my right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by me, and that I have not executed and will not execute any instrument in conflict herewith.
IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year nereinafter noted.
nventor's signature Ying Ping Wong Date 21/09/2013. Full name (typed or printed) Yingping Wang
Witness: Aing gam zeng  Witness: Zhao wei Ma  Date: 22/09/2013  Date: 22/09/2013

**RECORDED: 10/03/2013**