

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3248154

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JINGBO LIU	04/20/2012
THOMAS NONDAHL	04/20/2012
ZHONGYUAN CHENG	04/18/2012
NAVID ZARGARI	04/18/2012
RECEIVING PARTY DATA	
Name:	ROCKWELL AUTOMATION TECHNOLOGIES, INC.
Street Address:	1 ALLEN-BRADLEY DRIVE
City:	MAYFIELD HEIGHTS
State/Country:	OHIO
Postal Code:	44124
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14636299
CORRESPONDENCE DATA	
Fax Number:	(216)363-9001
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	414-382-4946
Email:	cschweter@FAYSHARPE.COM
Correspondent Name:	ROCKWELL AUTOMATION, INC./FAY SHARPE LLP
Address Line 1:	1201 SOUTH SECOND STREET
Address Line 4:	MILWAUKEE, WISCONSIN 53204
ATTORNEY DOCKET NUMBER:	12AB005USB/ROKZ200084US03
NAME OF SUBMITTER:	ERIC HIGHMAN
SIGNATURE:	/Eric Highman/
DATE SIGNED:	03/03/2015
Total Attachments: 10	
source=ROKZ200084US03_Assignment#page1.tif	
source=ROKZ200084US03_Assignment#page2.tif	
source=ROKZ200084US03_Assignment#page3.tif	

source=ROKZ200084US03_Assignment#page4.tif
source=ROKZ200084US03_Assignment#page5.tif
source=ROKZ200084US03_Assignment#page6.tif
source=ROKZ200084US03_Assignment#page7.tif
source=ROKZ200084US03_Assignment#page8.tif
source=ROKZ200084US03_Assignment#page9.tif
source=ROKZ200084US03_Assignment#page10.tif

12ABAB005- ASSIGNMENT OF INVENTION

WHEREAS, JINGBO LIU, 1973 Chippewa Court, Grafton, Wisconsin 53204, United States of America, THOMAS NONDAHL, 5020 S. 55th St. Apt. 325, Greenfield, WI 53220, United States of America, ZHONGYUAN CHENG, 127 McFarlane Drive, Cambridge, Ontario N3C 4L6, Canada, and NAVID ZARGARI, 22 Handorf Drive, Cambridge, Ontario N3C 3Y2, Canada (hereinafter sometimes referred to as "said inventors"), have invented certain new and useful improvements in an invention disclosed in a utility patent application entitled **CASCADED H-BRIDGE (CHB) INVERTER LEVEL SHIFT PWM WITH ROTATION** which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. 11AB163, in the patent files of **ROCKWELL AUTOMATION TECHNOLOGIES, INC.** and which invention is the subject of a utility patent application executed on even date herewith.

NOW THEREFORE, it is agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said inventors have sold, assigned and transferred and by these presents do sell, assign and transfer unto **ROCKWELL AUTOMATION TECHNOLOGIES, INC.**, an Ohio corporation, the entire right, title and interest in said invention in the United States of America and all foreign countries and in and to said U.S. patent application and all patent applications, divisions, substitutions, continuations and continuations-in-part thereof, and in all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and in all priority rights under the International Convention for the Protection of Industrial Property for every member country, and in all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said invention in any foreign countries, and in all patents (including all extensions, renewals and reissues thereof) granted for said invention; said applications and patents to be held and enjoyed by said **ROCKWELL AUTOMATION TECHNOLOGIES, INC.**, for its use and for the use of its successors and assigns, to the full end of the term for which Letters Patent on same

may be granted, as fully and entirely as the same would have been held by said inventors had this assignment and sale not been made.

FURTHER, said inventors hereby agree to sign all lawful papers necessary or helpful in obtaining patents on said invention or in filing any divisional, continuation, substitution, or reissue patent application or re-examination proceedings on said invention whether in the United States of America or in any foreign country.

Jingbo Liu 04-20-2012
JINGBO LIU Date

CERTIFICATE OF ACKNOWLEDGEMENT

State of Wisconsin)
County of Milwaukee) ss

On this 20th day of April, 2012, before me personally appeared **JINGBO LIU**, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

(SEAL)

Lisa C. Gurnoched

Notary Public, State of Wisconsin

My Commission Expires: 7/28/2013

Thomas Nondahl
THOMAS NONDAHL

April 20, 2012
Date

CERTIFICATE OF ACKNOWLEDGEMENT

State of Wisconsin)
County of Milwaukee) ss
)

On this 20th day of April, 2012, before me personally appeared **THOMAS NONDAHL**, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

(SEAL)

Deaac Kimachend

Notary Public, State of Wisconsin

My Commission Expires: 7/28/2013

ZHONGYUAN CHENG

Date

First Witness - Signature

Date

First Witness - Print Name

Second Witness - Signature

Date

Second Witness - Print Name

NAVID ZARGARI

Date

First Witness - Signature

Date

First Witness - Print Name

Second Witness - Signature

Date

Second Witness - Print Name

ROKZ 200084US01 490159 1

12ABAB005- ASSIGNMENT OF INVENTION

WHEREAS,

JINGBO LIU, 1973 Chippewa Court, Grafton, Wisconsin 53204, United States of America,

THOMAS NONDAHL, 2136 North 117th Street, Wauwatosa, Wisconsin 53226, United States of America,

ZHONGYUAN CHENG, 127 McFarlane Drive, Cambridge, Ontario N3C 4L6, Canada,

NAVID ZARGARI, 22 Handorf Drive, Cambridge, Ontario N3C 3Y2, Canada

(hereinafter sometimes referred to as "said inventors"), have invented certain new and useful improvements in an invention disclosed in a utility patent application entitled **CASCADED H-BRIDGE (CHB) INVERTER LEVEL SHIFT PWM WITH ROTATION** which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. 11AB163, in the patent files of **ROCKWELL AUTOMATION TECHNOLOGIES, INC.** and which invention is the subject of a utility patent application executed on even date herewith.

NOW THEREFORE, it is agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said inventors have sold, assigned and transferred and by these presents do sell, assign and transfer unto **ROCKWELL AUTOMATION TECHNOLOGIES, INC.**, an Ohio corporation, the entire right, title and interest in said invention in the United States of America and all foreign countries and in and to said U.S. patent application and all patent applications, divisions, substitutions, continuations and continuations-in-part thereof, and in all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and in all priority rights under the International Convention for the Protection of Industrial Property for every member country, and in all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said invention in any foreign countries, and in all patents (including all extensions, renewals and reissues thereof) granted for said invention; said applications and patents to be held and enjoyed by said **ROCKWELL AUTOMATION TECHNOLOGIES, INC.**, for its use and for the use of its successors and assigns, to the full end of the term for which Letters Patent on same

FURTHER, said inventors hereby agree to sign all lawful papers necessary or helpful in obtaining patents on said invention or in filing any divisional, continuation, substitution, or reissue patent application or re-examination proceedings on said invention whether in the United States of America or in any foreign country.

Date _____

State of _____)
County of _____) ss

(SEAL)

My Commission Expires: _____

THOMAS NONDAHL

Date

CERTIFICATE OF ACKNOWLEDGEMENT

State of _____)
County of _____) ss

On this ____ day of _____, 2012, before me personally
appeared **THOMAS NONDAHL**, to me known to be the person whose name is
subscribed to the foregoing instrument, and acknowledged to me that he executed the
same.

(SEAL)

Notary Public, State of _____

My Commission Expires: _____

Zheng
ZHONGYUAN CHENG

April 18, 2012
Date

Credo Buta
First Witness - Signature

April 18, 2012
Date

Angelo Bortolus
First Witness - Print Name

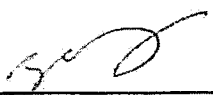
David Zargari
Second Witness - Signature

April 18, 2012
Date

David Zargari
Second Witness - Print Name

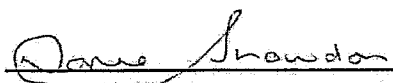

NAVID ZARGARI

April 18, 2012
Date


First Witness - Signature

April 18, 2012
Date

Zhongyuan Cheng
First Witness - Print Name


Second Witness - Signature

April 18, 2012
Date

Donna Snowden
Second Witness - Print Name