

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Bok Young Hong	12/16/2010
Craig R. Winterhalter	12/16/2010
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:	12970246
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	ROCKWELL AUTOMATION, INC./BF
Address Line 1:	ATTENTION: SUSAN M. DONAHUE, E-7F19
Address Line 2:	1201 SOUTH SECOND STREET
Address Line 4:	MILWAUKEE, WISCONSIN 53204
ATTORNEY DOCKET NUMBER:	09AB154-US (1506.295)
NAME OF SUBMITTER:	Eric L. Schlevensky

CH \$40.00 12970246

Total Attachments: 3
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**PATENT
 REEL: 025512 FRAME: 0338**

9AB0154-US (1506.295)

**ASSIGNMENT OF INVENTION
TO
ROCKWELL AUTOMATION TECHNOLOGIES, INC.**

WHEREAS, **BOK YOUNG HONG** of N65W7265 Cleveland Street, Cedarburg, WI 53012, USA, and **CRAIG R. WINTERHALTER** of N62W4909 Cedar Reserve Circle, Cedarburg, WI, 53012, USA, (hereinafter sometimes referred to as "said inventors"), have invented certain new and useful improvements in a **METHOD AND APPARATUS FOR SYNCHRONIZATION OF PULSE WIDTH MODULATION**, which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. **9AB0154-US (1506.295)** in the patent files of **ROCKWELL AUTOMATION TECHNOLOGIES, INC.** having a principal place of business at 1 Allen-Bradley Drive, Mayfield Heights, Ohio 44124.

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 present do sell, assign and transfer unto **ROCKWELL AUTOMATION TECHNOLOGIES, INC.** 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. provisional 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 the said **ROCKWELL AUTOMATION TECHNOLOGIES, INC.**, for its own 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.

9AB0154-US (1506.295)

ASSIGNMENT OF INVENTION
TO
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:



Date:

12-16-2010

BOK YOUNG HONG

CERTIFICATE OF ACKNOWLEDGMENT

State of

Wisconsin

County of

Dane

On

Kristine M. Kehn

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

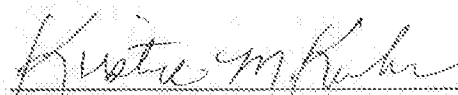
personally appeared

Bok Young Hong

Name(s) of Signer(s)

_ personally known to me - OR - _ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.




Signature of Witness

9AB0154-US (1506.295)

**ASSIGNMENT OF INVENTION
TO
ROCKWELL AUTOMATION TECHNOLOGIES, INC.**

Signed:

Date:



CRAIG R. WINTERHALTER

12/16/2010

CERTIFICATE OF ACKNOWLEDGMENT

State of _____

County of _____

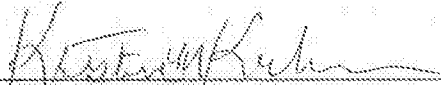
On _____
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Craig R. Winterhalter
Name(s) of Signer(s)

__ personally known to me - OR - __ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

(SEAL)



Signature of Notary Public
My Commission Expires: 3/3/2013