#### 502423497 07/17/2013

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Philip J. Kaufman	06/27/2013

### RECEIVING PARTY DATA

Name:	Rockwell Automation Technologie, Inc.	
Street Address:	1 Allen-Bradley Drive	
City:	Mayfield Heights	
State/Country:	ОНЮ	
Postal Code:	44124	

## PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13843419	

#### **CORRESPONDENCE DATA**

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

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13AB087-US (ALBR:0531)
Patrick S. Yoder
/Patrick S. Yoder/
07/17/2013

Total Attachments: 2

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PATENT REEL: 030819 FRAME: 0658

PATENT: Assignment 13AB087-US (ALBR:0531)

## ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to ROCKWELL AUTOMATION TECHNOLOGIES, INC. (the "Assignee") the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which is entitled "SYSTEMS AND METHODS FOR CONTROLLING ASSETS USING ENERGY INFORMATION DETERMINED WITH AN ORGANIZATIONAL MODEL OF AN INDUSTRIAL AUTOMATION SYSTEM," and which may be further identified below, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States, including all provisional and non-provisional applications, and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. 42982 may delete, insert, or alter any information identifying this application, or any related application, below after execution of this assignment;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Additional Application Information				
U.S. Provisional Application Serial No.		, filed i	on	
U.S. Non-Provisional Application Serial No	13/843,419	, filed on	March 15, 2013	
International Application Serial No.			on	

PATENT REEL: 030819 FRAME: 0659

PATENT: Assignment 13AB087-US (ALBR:0531)

INVENTOR:		
Signature:	Philip J. Kaufman	Date:
Witnessed by:	Signature	Date;
	Printed Name of Witness	
Witnessed by:	Signature	Date:
	Printed Name of Witness	
	N BELOW IS FOR USE ONLY IF SIGNING IN P	
Phillip J. K.	Kafna	Date: June 27,2013
STATE OF &	UI ) ).§\$. Mitwaukre)	
This to me persona executed the sa	Alba day of June, Jol3 before ally known as the individual who executed the for the purposes therein	me personally came the above-named Philip J. Kaufman, regoing assignment, who acknowledged to me that he/she set forth.
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**RECORDED: 07/17/2013** 

PATENT REEL: 030819 FRAME: 0660